



Government of Andhra Pradesh

**Reformulated BASIC SCHEDULE
OF RATES (Excluding VAT and
Excise Duty)**

**FOR THE YEAR 2014-15 as part of
implementation of GST Act**

BOARD OF CHIEF ENGINEERS

PART-I

(WATER RESOURCES DEPARTMENT WORK ITEMS)

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STATEMENT OF RATES FOR MATERIALS FOR THE YEAR 2014-15			
SI No.	DESCRIPTION OF MATERIAL	UNIT	Basic Rate for SoR 2014-15 excluding subsumed taxes
1	Acetylene gas	cum	271
2	Asphalt 80/100 Grade	Kg	36
3	Binding wire	Kg	59
4	Burnt stone slab 10 cm thick	sqm	254
5	Cement 43 Gr/53 Gr Note :As per Monthly rate fixed by Sub-Committee	tonne	3105
6	Chequered plate	Kg	51
7	Coarse aggregate 10-4.75 mm(excluding Seignioragecharges)	cum	833
8	Coarse aggregate 20-10 mm(excluding Seigniorage charges)	cum	1152
9	Coarse aggregate 40-20 mm(excluding Seigniorage charges)	cum	1090
10	Coarse aggregate 80-40 mm(excluding Seigniorage charges)	cum	605
11	Coir brush	Each	38
12	Copper sheet 16 SWG	kg	588
13	Coursed rubble stone 30 x 30 x 45 cm(excluding Seigniorage charges)	Each	19
14	Coursed rubble stone 30 x 30 x 60 cm(excluding Seigniorage charges)	Each	22
15	Curing Compound	Ltr	101
16	D – cord	Rm	8

17	Delay - noiseless trunk	Each	16
18	Detonating fuse coil	Rm	9
19	Detonating shock tube / Cord relays	Rm	50
20	Detonator delay type	Each	18
21	Detonator electric	Each	10
22	Detonator ordinary	Each	7
23	Empty cement bag	Each	4
24	Explosive ANFO	kg	33
25	Explosive ANFO high strength booster	kg	57
26	Explosive small dia (Kelvex-220 or equivalent)	kg	54
27	(a)Fine aggregate/ sand(un- screened) for Concrete & Filtering items) (excluding Seigniorage charges)	cum	440
	b)Fineaggregate/Sand(unscreened)for filling(excluding Seigniorage charges)	cum	326
28	Fine aggregate /Sand (Screened) for Mortar ,Plastering items and Sand blasting items(excluding Seigniorage charges)	cum	577
29	Geo-textile (filter fabric) 160 gsm	sqm	85
30	Geo-textile (filter fabric) 200 gsm	sqm	102
31	Geo-textile (filter fabric) 250 gsm	sqm	120
32	G I Pipe 100 mm dia B Class	Rm	622
33	G I Pipe 15 mm dia A class	Rm	93
34	G I pipe 25 mm dia A class	Rm	144
35	G I pipe 40 mm dia B class	Rm	246
36	G I pipe 50 mm dia A class	Rm	271

37	G I Pipe 80 mm dia B Class	Rm	415
38	G.I Bolts / Nuts and Washers	kg	90
39	G.I sheet (plain)	tonne	55873
40	Hariyala turfing sods	sqm	24
41	Hectometer stone one line dressed	Each	229
42	Hemp yarn	kg	61
43	Honne wood planks	cum	41921
44	Hume pipe with collar 150 mm dia	Rm	279
45	Hume pipe with collar 300 mm dia	Rm	550
46	J- Bolts 30 cm long	Each	30
47	Jungle wood planks	cum	17855
48	Khandki stone 15 to 20 cm height	Each	9
49	Khandki stone 20 to 25 cm height	Each	12
50	Khandki stone 25 to 30 cm height	Each	15
51	Kilometer stone one line dressed	Each	429
52	LDPE sheet (Geo membrane) 500 micron thick	sqm	78
53	LDPE sheet (Geo membrane) 750 micron thick	sqm	110
54	LDPE sheet (Geo membrane) 1000 micron thick	sqm	152
55	M S Bolts / Nuts / Washers	kg	76
56	Murrum(including loading charges but excluding Seigniorage charges)	cum	107
57	Oxalic acid	Ltr	64
58	Oxygen gas	cum	44

59	PVC sealing strip	Rm	37
60	PVC water stopper 310 mm wide	Rm	411
61	PVC pipe of 100 mm dia	Rm	148
62	Reinforcement steel (HYSD/TMT)Note: As per Monthly rate fixed by Sub-Committee	tonne	39365
63	Resin bond Cement capsule	Each	55
64	Rough stone 20 x 20 x 75 cm (Including Loading charges but excluding Seigniorage Charges)	Each	22
65	Shahabad stone slab (including loading charges but excluding Seigniorage charges)	sqm	218
66	Stone chips (at dump yard/Spoil)(including loading charges but excluding Seigniorage charges)	cum	167
67	Stone chips (at quarry)(including loading charges but excluding Seigniorage charges)	cum	324
68	Structural steel angle / channel / beam / bars Note: As per Monthly rate fixed by Sub-Committee	tonne	38095
69	Structural steel plate / flats Note: As per Monthly rate fixed by Sub-Committee	tonne	38942
70	Super Plasticizer (Conplast RP-264 or equivalent)	kg	62
71	Synthetic Enamel paint 1st quality	Ltr	186
72	Synthetic adhesive (Resin + Hardener)	Kg	270
73	Tar felt joint filler board 12 mm thick	sqm	322
74	Tar felt joint filler board 20 mm thick	sqm	483
75	Through stones 20 x 20 x 30 to 45 cm (including loading charges but excluding Seigniorage charges)	Each	23

76	Through stones 25 x 25 x 45 to 60 cm long (including loading charges but excluding Seigniorage charges)	Each	39
77	Through stones 30 x 30 x 65 to 75 cm long (including loading charges but excluding Seigniorage charges)	Each	59
78	Un-coursed rubble stones (at dump yard /Spoil) (including loading charges but excluding Seigniorage charges)	cum	155
79	Un-coursed rubble stones (at quarry)(including loading charges but excluding Seigniorage charges)	cum	318
80	Water proofing compound	kg	58
81	Welding electrodes 4 mm dia	Each	9
82	Wire brush	Each	35
83	Wire mesh 20 gauge	sqm	179
84	Zinc chromate red oxide primer paint	Ltr	136
85	inorganic zinc silicate	Ltr	535
86	solvent less coal tar epoxy paint	Ltr	223
87	Zinc phosphate primer	Ltr	173
88	Allkyd based iron oxide paint	Ltr	152
89	a) Cost of hdpe (90mm dia)	Rm	525
	b) light black MS casing pipe 100 mm dia (4mm thick)	Rm	567
90	welded steel wire fabric 100X100X5 mm size	Kg	131
91	Protective Mastic	Ltr	375
92	Solventless coal tar epoxy (brown)	Ltr	308
ADDITIONAL MATERIALS FOR GATES & HOISTS			
1	Alloy steel (IS : 1570-carbon steel) shafts	Kg	178
2	Alloy steel (IS : 1570-stainless steel) pins	Kg	356

3	Bolt / Nut / Washer (hot dipped galvanized)	Kg	110
4	Bolt / Nut / Washer (stainless steel)	Kg	288
5	Bronze/Aluminum alloy(IS:305)bearings/bushes	Kg	772
6	Cast iron blocks	Kg	68
7	Cast steel drums / gears	Kg	186
8	Cast steel pinions	Kg	178
9	Cast steel wheels / pulleys / hubs / rollers /Retainers	Kg	152
10	Chemical for de-greasing/ de-rusting/phosphate Coating	Ltr	109
11	Coal tar epoxy paint	Ltr	177
12	Forged steel hooks / shackles	Kg	220
13	MS pipe 200 / 300 mm dia	Kg	148
14	MS pipe 32 mm dia	Rm	157
15	MS pipe 25 mm dia	Rm	127
16	Rubber bottom seal (IS : 11855) (100mmX14 mm)	Rm	589
17	Rubber side seal (music note type Teflon claded) (IS : 11855)(36ØX113mmX14mm)	Rm	1178
18	Rubber side seal (music note type uncladed) (IS : 11855)(36ØX113mmX14mm)	Rm	897
19	Rubber side seal Z-type (IS : 11855)(36ØX120mmX19mm)	Rm	1131
20	Rubber corner seal (Teflon claded) (IS : 11855) (36Ø)	Each	1153
21	Rubber corner seal (un claded) (IS : 11855) (36Ø)	Each	854
22	Stainless steel plates / flats	Kg	233

23	Welding electrode 4 mm dia x 450 mm (radiographic low hydrogen)	Each	15
24	Welding electrode 4 mm dia x 450 mm (stainless steel)	Each	22
25	Wire rope 6x37 constn (IS : 2266)	Kg	212
26	Zinc	Kg	144
27	Zinc rich (zinc content : 90 %) epoxy primer	Ltr	535

Capital cost of Machinery/Equipment

SI No	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	Basic Rate for SoR 2014-15 excluding subsumed taxes
1	Agitator car / Transit mixer 2 cum (excluding tyres)	Each	1669093
	tyres and tubes 6 sets	Each	66764
2	Air compressor 5 cmm electric	Each	551189
3	Air compressor 7 cmm diesel	Each	737506
4	Air compressor 7 cmm electric	Each	671519
5	Air compressor 8.5 cmm diesel	Each	842310
6	Air compressor 8.5 cmm electric	Each	869481
7	Air compressor 15 cmm electric	Each	1063561
8	Angle Dozer 90 hp	Each	4250364
9	Batching plant 0.5 cum with accessories(6 Cum/hr)	Each	931587
10	Batching plant 2 x 1.00 cum with accessories(15 Cum/hr)	Each	3295488
11	Batching plant 2 x 1.50 cum with accessories(50 Cum/hr)	Each	4211548
12	Bending machine	Each	448677
13	Clamp shell and hoisting ropes	Each	25397
14	Concrete bucket 1.5 cum	Each	43474

15	Concrete hand mixer 45/30 ltr	Each	12033
16	Concrete mixer 300/200 ltr(diesel)	Each	116448
17	Concrete mixer 300/200 ltr (electric)	Each	112567
18	Concrete mixer 600/400 ltr(diesel)	Each	201844
19	Concrete mixer 600/400 ltr (electric)	Each	197962
20	Concrete paver 100 Sqm / hr	Each	1832897
21	Convey mucker (excluding tyres)	Each	2992722
	tyres and tubes 6 sets		66764
22	Core drilling machine	Each	853954
23	Diesel generating set 30 KVA	Each	384279
24	Diesel generating set 50 KVA	Each	496846
25	Diesel Loco 45 hp	Each	1645803
26	Dewatering pump 5 hp diesel	Each	31053
27	Dewatering pump 5 hp electric	Each	19020
28	Dewatering pump 10 hp diesel	Each	46579
29	Dewatering pump 10 hp electric	Each	42698
30	Dewatering pump 20 hp diesel	Each	147501
31	Dewatering pump 20 hp electric	Each	77632
32	Drifter	Each	821349
33	Drilling jumbo (excluding tyres)	Each	1010771
	tyres and tubes 6 sets		66764
34	Dumper 4.5 cum (excluding tyres)	Each	1125667
	tyres and tubes 6 sets		66764
35	Geophysical Ele.resistivity meter	Each	414847
36	Grouting pump	Each	79185
37	Guniting / sand blasting equipment	Each	237037
38	Ice plant with accessories 30 t / day	Each	1991266
39	Jack hammer	Each	50461
40	Needle vibrator 40 mm petrol	Each	15526
41	Needle vibrator 40 mm electric	Each	16303
42	Needle vibrator 60 mm petrol	Each	16691

43	Needle vibrator 60 mm electric	Each	19796
44	Planing machine 4 m stroke	Each	660317
45	Plate shearing machine up to 12 mm	Each	359788
46	Pneumatic placer 0.5 cum	Each	450267
47	Pneumatic tamper	Each	65987
48	Pug cutting machine	Each	13545
49	Pusher leg	Each	44021
50	Road roller diesel 10 t	Each	659874
51	Shovel 0.50 cum 75 hp	Each	2911208
52	Shovel 0.85 cum 110 hp	Each	4952935
53	Stationery derrick crane 5 t	Each	506938
54	Tipper 5 cum (excluding tyres)	Each	1261524
	tyres and tubes 6 sets		66764
55	Tipping tub 1.5 cum	Each	186317
56	Tower crane 5 tonne	Each	5803008
57	Transformer 250 KVA	Each	404762
58	Truck 10 t (excluding tyres)	Each	1145075
	tyres and tubes 6 sets		66764
59	Truck mounted derrick crane 5 t (excluding tyres)	Each	1521591
	tyres and tubes 6 sets		66764
60	Upright drilling machine	Each	43474
61	Ventilation fan 20 hp	Each	220106
62	Vibratory pad foot roller 8 t	Each	2290150
63	Wagon drill	Each	504609
64	Water tanker 8000 ltr (excluding tyres)	Each	1215810
	tyres and tubes 6 sets		66764
65	Welding set	Each	42667
66	Winch 35 hp electric	Each	291121
67	Hydraulic Truck Crane 30T	Each	11244444
	tyres and tubes 6 sets		143790

68	Hydraulic Truck Crane 16T	Each	8066667
	tyres and tubes 6 sets		143790
69	Heavy Duty Airless Spray Painting Equipment	Each	378667
ACCESSORIES TO MACHINERY / EQUIPMENT			
1	Casing shoe bit	Each	10000
2	Diamond core bit BX size	Each	10095
3	Diamond core bit NX size	Each	12114
4	Double tube core barrel	Each	12922
5	Extension drill rod with coupling sleeve	Rm	1795
6	Jack hammer drill rod 1.5 m	Each	3410
7	Jack hammer drill rod 2.5 m	Each	5294
8	Nozzle for Guniting / sand blasting gun	Each	593
9	Paving Cylinder	Each	26743
10	Rails 30R (30 kg / m)	tonne	49048
11	Reamer shell	Each	4905
12	T.C. Cross bit 50 mm dia	Each	4762
13	T.C. Cross bit 75 mm dia	Each	9524
14	T.C. Cross bit 100 mm dia	Each	11429
15	Tyres and Tubes for truck	Set	13974
16	Wire rope 16 mm dia	Rm	252
17	Excavation of drain with Excavator	cum	35
<u>OTHER COSTS ON MATERIAL / MACHINERY / EQUIPMENT</u>			
1	Air hose 25 mm dia	Rm	148
2	Air hose 50 mm dia	Rm	252
3	Demand charges (HT-I : General-11 KV category)on power supply(as per APEPDCL tariff)	KVA /month	350
4	Diesel	Ltr	62
5	Electric power (HT-VIII Category) including tax (1.5 times of the Tariff of HT-I(A):General-11 KVA Category) (as per APEPDCL tariff)	Kwhr	9

6	Excise duty on Gates / Hoist supplies	%	0%
7	Insurance charges on machinery	% / annum	1%
8	Interest on capital cost	% / annum	11%
9	Lubricants	Ltr	233
10	Petrol	Ltr	78
11	Rivets	Kg	85
12	Road tax on transport vehicles	Rs./annum	18132
13	Shalimatic sealing compound	Kg	82
14	Shutter oil	Ltr	68
15	Structural steel fabrication	Kg	24
16	Sundries (Lump sum for un quantified inputs)	LS	41
17	Water hose (pressure) 20 mm dia	Rm	185
18	Steel wedges	LS	14
19	Elbows / Nipple / Plugs etc.,	LS	14
20	Soldering materials	LS	14
21	Steam circulation arrangement	LS	14
22	Fuel charges (gas for heating)	LS	16
23	Vulcanizing materials	LS	15
24	Other accessories / controls / junctions	LS	Deleted
25	Miscellaneous fittings / switches etc	LS	Deleted
26	Anchors / supports for cables / lights	LS	Deleted
27	Civil works for foundations / pedestals / duct etc	LS	Deleted
28	Gas cutting set (2 No's 15 m hose and nozzle unit)	Each	12024
29	Grease	Kg	220
30	Welding holder set (cable / holder / gloves / mask etc)	Each	6222
31	Use rate of ropes	LS	150
<u>MATERIALS FOR GATES AND HOISTS</u>			
1	Worm reducers	Each	174207
2	Electric motor 20 hp(Double Shaft)	Each	93935
3	Electric motor 17.5 hp(Double Shaft)	Each	66608

4	Electric motor 12.5 hp(Double Shaft)	Each	56361
5	Electric motor 5 hp(Double Shaft)	Each	25619
6	Electric motor 3 hp (Double Shaft)	Each	17933
7	Electric motor 2 hp (Double Shaft)	Each	9394
8	Floating shaft 300 mm dia	Kg	140
9	Manual operating system	Each	25170
10	Gate position indicator	Each	152004
11	Ele-magnetic brake	Each	27327
12	Electric cable / switch / control panel etc	LS	42650
13	Wire rope sockets	Each	3911

Materials other than covered under WR Work items

Sl. No.	Description	Unit	Basic Rate for SoR 2014-15 excluding subsumed taxes
M-002	Quarried stone 150 - 200 mm size for Hand Broken(Excluding Seigniorage charges)	Cum	140
M-003	Boulder with minimum size of 300 mm for Pitching (Excluding Seigniorage charges)	Cum	156
M-004	Coarse sand for filling (Excluding Seigniorage charges)	Cum	Rate as per item no.27(b) of material of WRD
M-005	Coarse sand for mortar(Excluding Seigniorage charges)	Cum	Rate as per item no.27(a) of material of WRD
M-006	Fine Sand (Excluding Seigniorage charges)	Cum	Rate as per item no.28 of material of WRD
M-007	Murum (Excluding Seigniorage charges)	Cum	Rate as per item no.56 of Material rates of WRD.
M-008	Gravel/Quarry spall(Excluding Seigniorage Charges)	Cum	103
M-009	Granular Material or hard Murum for GSB works	Cum	deleted

M-010	Granular Material or hard Murrum for GSB works(Excluding Seigniorage charges)	Cum	92
M-011	Fly ash conforming to IS: 3812 (Part II & I)	Cum	64
M-012	Filter media/Filter Material as per Table 300-3 (MoRT&H Specification) (excluding Seigniorage Charges)	Cum	329
M-013	Close graded Granular sub-base Material 53 mm to 9.5 mm (excluding Seigniorage Charges)	Cum	635
M-014	Close graded Granular sub-base Material 37.5 mm to 9.5 mm (excluding Seigniorage Charges)	Cum	652
M-015	Close graded Granular sub-base Material 26.5 mm to 9.5 mm (excluding Seigniorage Charges)	Cum	677
M-016	Close graded Granular sub-base Material 9.5 mm to 4.75 mm (excluding Seigniorage Charges)	Cum	564
M-017	Close graded Granular sub-base Material 9.5 mm to 2.36 mm (excluding Seigniorage Charges)	Cum	554
M-018	Close graded Granular sub-base Material 4.75 mm to 2.36 mm (excluding Seigniorage Charges)		486
M-019	Close graded Granular sub-base Material 4.75mm to 75 micron mm(excluding Seigniorage Charges)	cum	466
M-020	Close graded Granular sub-base Material 2.36 mm (excluding Seigniorage Charges)	Cum	466
M-021	Stone crusher dust finer than 3mm with not more than10% passing 0.075 sieve. (excluding Seigniorage Charges)	Cum	340
M-022	Coarse graded Granular sub-base Material 2.36 mm & below (excluding Seigniorage Charges)	Cum	417
M-023	Coarse graded Granular sub-base Material 4.75mm to 75 micron mm (excluding Seigniorage Charges)	cum	451
M-024	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm (excluding Seigniorage Charges)	Cum	451
M-025	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm (excluding Seigniorage Charges)	Cum	534
M-026	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm (excluding Seigniorage Charges)	Cum	590
M-027	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm (excluding Seigniorage Charges)	Cum	590
M-028	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm (excluding Seigniorage Charges)	Cum	652
M-029	Coarse graded Granular sub-base Material 53 mm to 26 .5mm (excluding Seigniorage Charges)	Cum	810
M-030	Aggregates below 5.6 mm(excluding Seiniorage Charges)	Cum	530

M-031	Aggregates 22.4 mm to 2.36 mm (excluding Seiniorage Charges)	Cum	870
M-032	Aggregates 22.4 mm to 5.6 mm (excluding Seiniorage Charges)	Cum	990
M-033	Aggregates 45 mm to 2.8 mm (excluding Seiniorage Charges)	Cum	635
M-034	Aggregates 45 mm to 22.4 mm (excluding Seiniorage Charges)	Cum	Rate as per item no.9 of material rates of I&CAD
M-035	Aggregates 53 mm to 2.8 mm (excluding Seiniorage Charges)	Cum	870
M-036	Aggregates 53 mm to 22.4 mm (excluding Seiniorage Charges)	Cum	830
M-037	Aggregates 63 mm to 2.8 mm (excluding Seiniorage Charges)	Cum	680
M-038	Aggregates 63 mm to 45 mm (excluding Seiniorage Charges)	Cum	630
M-039	Aggregates 90 mm to 45 mm (excluding Seiniorage Charges)	Cum	Rate as per item no.10 of Material rates of WRD.
M-040	Aggregates 10 mm to 5 mm (excluding Seiniorage Charges)	Cum	Rate as per item no.7 of Material rates of WRD.
M-041	Aggregates 11.2 mm to 0.09 mm (excluding Seiniorage Charges)	Cum	670
M-042	Aggregates 13.2 mm to 0.09 mm(excluding Seiniorage Charges)	Cum	760
M-043	Aggregates 13.2 mm to 5.6 mm (excluding Seiniorage Charges)	Cum	875
M-044	Aggregates 13.2 mm to 10 mm(excluding Seiniorage Charges)	Cum	980
M-045	Aggregates 20 mm to 10 mm (excluding Seiniorage Charges)	Cum	Rate as per item no.8 of Material rates of WRD.
M-046	Aggregates 25 mm to 10 mm (excluding Seiniorage Charges)	Cum	1075
M-047	Aggregates 19 mm to 6 mm (excluding Seiniorage Charges)	Cum	990
M-048	Aggregates 37.5 mm to 19 mm(excluding Seiniorage Charges)	Cum	1050
M-049	Aggregates 37.5 mm to 25 mm(excluding Seiniorage Charges)	Cum	1090
M-050	Aggregates 6 mm nominal size(excluding Seiniorage Charges)	Cum	700

M-051	Aggregates 10 mm nominal size(excluding Seiniorage Charges)	Cum	890
M-052	Aggregates 13.2/12.5 mm nominal size(excluding Seiniorage Charges)	Cum	1045
M-053	Aggregates 20 mm nominal size(excluding Seiniorage Charges)	Cum	1300
M-054	Aggregates 25 mm nominal size(excluding Seiniorage Charges)	Cum	1250
M-055	Aggregates 40 mm nominal size(excluding Seiniorage Charges)	Cum	805
M-056	AC pipe 100 mm dia	Metre	Rate as per PH item
M-057	Acrylic polymer bonding coat	Litre	401
M-058	Aluminum Paint	Litre	256
M-059	Aluminum alloy plate 2mm Thick	Sqm	323
M-060	Aluminum alloy/Galvanized steel	Tonne	60047
M-061	Aluminum sheeting fixed with encapsulated lens type reflective sheeting including 2% towards lettering, cost of angle iron, cost of drilling holes, nuts, bolts etc. and signs as applicable	Sqm	819
M-062	Aluminum studs 100 x 100 mm fitted with lens	No's	As per local market rate
M-063	Barbed wire	Kg	68
M-064	Bearing (Cost of parts)	No's	483
M-065	Bearing (Cast steel rocker bearing assembly of 250 tonne)	No's	665
M-066	Bearing (Elastomeric bearing assembly consisting of 7 internal layers of elastomer bonded to 6 nos. internal reinforcing steel laminates by the process of vulcanization,)	Cm3	As per Market Competitive rates.
M-067	Bearing (Forged steel roller bearing of 250 tonne)	No's	
M-068	Bearing (Pot type bearing assembly consisting of a metal piston supported by a disc, PTFE pads providing sliding surfaces against stainless steel mating together with cast steel assemblies/fabricated structural steel assemblies duly painted with all components	No's	
M-069	Bearing (PTFE sliding plate bearing assembly of 80 tonne)	No's	
M-070	Bearing (Supply of sliding plate bearing of 80 tonne)	No's	
M-071	Bentonite	Kg	7
M-072	Binding wire	Kg	Rate as per item no.3 of Material rates of WRD.

M-073	Bitumen (Cationic Emulsion)	Tonne	As per rates fixed by R&B Dept based on refinery rates
M-074	Bitumen (60-70 grade)(Excluding taxes)	Tonne	As per rates fixed by R&B Dept based on refinery rates
M-075	Bitumen (80-100 grade) (Excluding taxes)	Tonne	
M-076	Bitumen (Cutback)	Tonne	
M-077	Bitumen (emulsion)(Excluding taxes)	Tonne	
M-078	Bitumen (modified graded)	Tonne	
M-079	Brick	Each	As per Building SSR
M-080	C.I. shoes for the pile	Kg	46
M-081	Cement	Tonne	Rate as per item no.5 of Material rates of WRD.
M-082	Cold twisted bars (HYSD/TMT Bars)	Tonne	Rate as per item no.62 of Material rates of WRD
M-083	Collar for joints 300 mm dia	No's	128
M-084	Compressible Fibre Board(20mm thick)	Sqm	472
M-085	Connectors/ Staples	Each	64
M-086	Copper Plate(12m long x 250mmwide)	Kg	416
M-087	Corrosion resistant Structural steel	Tonne	50138
M-088	Corrugated sheet, 3 mm thick, "Tie" beam section railing	Kg	174
M-089	Credit for excavated rock found suitable for use	Cum	185
M-090	Curing compound	Liter	101
M-091	Delineators from ISI certified firm as per the standard drawing given in IRC - 79	Each	As per local competitive quotations
M-092	Earth Cost or compensation for earth taken from private land(Excluding Seigniorage Charges)	Cum	40
M-093	Elastomeric slab seal expansion joint assembly manufactured by using chloroprene, elastomer for elastomeric slab unit conforming to clause 915.1 of IRC: 83 (part II),	Metre	As per local competitive quotations

M-094	Electric Detonators @ 1 detonator for 1/2 gelatin stick of 125 gms each	100 no's	Rate as per item No. 21 of WRD
M-095	Epoxy compound with accessories for preparing epoxy mortar	Kg	280
M-096	Epoxy mortar	Kg	92
M-097	Epoxy primer	Kg	476
M-098	Epoxy resin-hardener mix for prime coat	Kg	491
M-099	Flag of red color cloth 600 x 600 mm	Each	24
M-100	Flowering Plants	Each	38
M-101	Galvanized MS flat clamp	No's	165
M-102	Galvanized steel wire crates of mesh size 100 mm x 100 mm woven with 4mm dia. GI wire in rolls of required size.	Sqm	152
M-103	Galvanized structural steel plate 200 mm wide, 6 mm thick, 24 m long	Kg	789
M-104	Gelatin 80%	Kg	57
M-105	Geo grids	Sqm	As per local competitive quotations
M-106	(a)Geo membrane 500 micron thick	Sqm	Rate as per item No. 52 of WRD
	(b) Geo membrane 750 micron thick	Sqm	Rate as per item No. 53 of WRD
	(c) Geo membrane 1000 micron thick	Sqm	Rate as per item No. 54 of WRD
M-107	Geo nets	Sqm	As per local competitive quotations
M-108	(a)Geo textile 160 gsm	Sqm	Rate as per item No. 29 of WRD
	(b) Geo textile 200 gsm	Sqm	Rate as per item No. 30 of WRD
	(c) Geo textile 250 gsm	Sqm	Rate as per item No. 31 of WRD

M-109	Geo textile filter fabric	Sqm	As per local competitive quotations
M-110	GI bolt 10 mm Dia	No's	18
M-111	Grouting pump with agitator	Hour	Rate covered in item no. 36 in hire charges of machinery of Water Resources work items
M-112	Grass (Doob)	Kg	5
M-113	Grass (Fine)	Kg	8
M-114	HDPE pipes 75mm dia	Metre	Rate as per PH items
M-115	HDPE pipes 90mm dia	Metre	
M-116	Hedge plants	Each	Rate as per local competitive quotations
M-117	Helical pipes 600mm diameter	Metre	
M-118	Hot applied thermoplastic compound	Litre	
M-119	HTS strand	Tonne	
M-120	Joint Sealant Compound	Kg	
M-121	Jute netting, open weave, 2.5 cm square opening for seeding and Mulching	Sqm	70
M-122	LDO for steam curing	Litre	50
M-123	M.S. Clamps	Kg	Deleted
M-124	M.S. Clamps	Kg	Rate as per local competitive quotations
M-125	M.S. shoes @ 35 Kg per pile of 15 m	Kg	Rate as per local competitive quotations
M-126	Mild Steel bars	Tonne	39674

M-127	Modular strip/box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and up to 140mm assembly comprising of edge beams, central beam,2 modules chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorized representative	Metre	Rate as per local competitive quotations
M-128	Modular strip/box seal expansion joint catering to a horizontal movement beyond 140mm and up to 210mm box/box seal joint assembly containing 3 modules/cells and comprising of edge beams, two central beams, chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorized representative	Metre	Rate as per local competitive quotations
M-129	Nipples 12mm	No's	17
M-130	Nuts and bolts	Kg	85
M-131	Paint	Litre	198
M-132	Pavement Marking Paint	Litre	Rate as per local competitive quotations
M-133	Paving Fabric	Sqm	
M-134	Perforated geo synthetic pipe 150 mm dia	Metre	
M-135	Perforated pipe of cement concrete, internal dia 100 mm	Metre	
M-136	Pesticide	Kg	
M-137	R.C.C Pipes 200 mm dia, 2.5 m long for drainage	Metre		Rate as per PH item
M-138	Plastic sheath, 1.25 mm thick for dowel bars	Sqm	Rate as per local competitive quotations
M-139	Plastic tubes 50 cm dia , 1.2 m high	No's	
M-140	Polymer braids	Metre	
M-141	Pre moulded Joint filler, 25 mm thick for expansion joint	Sqm	
M-142	Pre-coated stone chips of 13.2 mm nominal size	Cum	
M-143	Preformed continuous chloroprene elastomer or closed cell foam sealing element with high tear strength, vulcanized in a single operation for the full length of a joint to ensure water tightness.	Meter	Rate as per local competitive quotations
M-144	Pre-moulded asphalt filler board	Sqm	Rate as per local competitive quotations
M-145	Pre-packed cement based polymer concrete of strength 45 Mpa at 28 days	Kg	

M-146	Sealant Primer	Kg	As per Building SSR
M-147	Quick setting compound	Kg	As per Local market rate
M-148	Random Rubble Stone(Including Loading Charges but excluding Seignorage Charges)	Cum	240
M-149	RCC Pipe NP 4 heavy duty non pressure pipe 1000mm dia	Metre	Rate as per PH items
M-150	RCC Pipe NP 4 heavy duty non pressure pipe 1200 mm dia	Metre	
M-151	RCC Pipe NP 4 heavy duty non pressure pipe 300 mm dia	Metre	
M-152	Reflectorising glass beads	Kg	Rate as per local competitive quotations
M-153	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Copper Strips)	Metre	
M-154	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Galvanized carbon steel strips)	Metre	
M-155	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Glass reinforced polymer/ fiber reinforced polymer/polymeric strips)	Metre	
M-156	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Stainless steel strips)	Metre	
M-157	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Aluminum strips)	Metre	
M-158	Rivets	Each	6
M-159	Sand bags (Cost of sand and Empty cement bag)	Per bag	17
M-160	Sapling 2 m high 25 mm dia	Each	Rate as per local competitive quotations
M-161	Scrap tyres of size 900 x 20	No's	68
M-162	Seeds(Grass)	Kg	18
M-163	Cost of Selected earth (Excluding Seignorage Charges)	Cum	Rate as per Item No. M-092
M-164	Separation Membrane of impermeable plastic sheeting 125 micron thick	Sqm	Rate as per local competitive quotations

M-165	Sheathing duct	Metre	Rate as per local competitive quotations
M-166	Shrubs	Each	15
M-167	Sludge / Farm yard manure @ 0.18 cum per 100 sqm at site of work for turfing	Cum	Rate as per local competitive quotations
M-168	Sodium vapour lamp	Each	As per Building SSR
M-169	Square Rubble Coursed Stone(Including Loading Charges but excluding Seigniorage charges)	Cum	2236
M-170	Steel circular hollow pole of standard specification for street lighting to mount light at 5 m height above deck level	Each	Rate to be obtained from Electricity/Municipal Departments
M-171	Steel circular hollow pole of standard specification for street lighting to mount light at 9 m height above road level	Each	
M-172	Steel drum 300 mm dia 1.2 m high/empty bitumen drum	No's	As per local competitive market rate
M-173	Steel helmet and cushion block on top of pile head during driving.	Kg	As per local competitive market rate
M-174	Steel pipe 25 mm external dia as per IS:1239	Metre	244
M-175	Steel pipe 50 mm external dia as per IS:1239	Metre	475
M-176	Steel wire rope 20 mm	Kg	157
M-177	Steel wire rope 40 mm	Kg	179
M-178	Strip seal expansion joint	Metre	Rate as per local competitive quotations
M-179	Structural Steel(HYSD/TMT bars)	Tonne	Rate as per item no.62 of Material rates of WRD
M-180	Super plasticizer admixture IS marked as per 9103-1999	Kg	Rate as per item no.70 of Material rates of WRD

M-181	Synthetic Geo grids as per clause 3102.8 and approved design and specifications.	Sqm	Rate as per local competitive quotations
M-182	Through and bond stone	Each	Rate as per item no.75 of Material rates of I&CAD
	(a) 20X20x30 to 45 cm long	Each	
	Through and bond stone		Rate as per item no.76 of Material rates of I&CAD
	(b) 25X25x45 to 60 cm long		
	Through and bond stone	Each	Rate as per item no.77 of Material rates of I&CAD
	(c) 30X30x65 to 75 cm long		
M-183	Tie rods 20mm diameter	No's	42
M-184	Tiles size 300 x 300 mm and 25 mm thick	Each	As per Building SSR
M-185	Timber	Cum	
M-186	Traffic cones with 150 mm reflective sleeve	No's	Rate as per local competitive quotations
M-187	Tube anchorage set complete with bearing plate, permanent wedges etc	No's	Rate as per local competitive quotations
M-188	Un slaked lime	Tonne	2491
M-189(a)	Water charges(Urban)	KiloLit re	98
(b)	Water charges(Rural)	KiloLit re	73
M-190	Water based cement paint	Litre	As per Building SSR
M-191	Welded steel wire fabric	Kg	131
M-192	Wire mesh 50mm x 50mm size of 3mm wire	Kg	213
M-193	Wooden ballies 2" Dia for bracing	Each	As per Building SSR

M-194	Wooden ballies 8" Dia and 9 m long	Each	As per Building SSR
M-195	Wooden packing	Cum	1071
M-196	Wooden staff for fastening of flag 25 mm dia, one m long	Each	67
Item 8.3	Printing new letter and figures of any shade (ii) English Roman	per cm height per letter	2
Item 8.8	Painting Two Coats on New Concrete Surfaces	Sqm	As per Building SSR
Item 8.9	Painting angle iron post Two Coats	Sqm	As per Building SSR
Miscellaneous Items			
1	Benching old embankment slopes 0.45 X 0.45 M	RM	4
2	Laying Sand Bags in the stipulated places including cost of empty cement bag, sand, thread, stitching charges and labour charges with 13.615 % overhead charges and contractors profits.	per bag	26
3	Rough stone for revetment 225mm thick (including Loading charges but excluding Seigniorage charges)	Cum	144
4	Eradication of Weed growth from Drains, Canals by spraying Chemicals	Sqm	2
5	Thinner	Ltr	109

Conveyance Charges of Material

**LEAD/LIFT/LOADING & UNLOADING CHARGES
FOR THE YEAR : 2014-15**

A. (Lead) Conveyance Charges for materials by head load

Sl No.	Total distance (Total lead includes initial lead)	Earth / Sand /Gravel / Murrum/ Lime/ Surki/ Size stone / Cut stone Rubble / Coarse aggregate Rs/ Cum	Cement / Reinforce- ment steel Str steel Rs / tonne	PCC slab/ Shahbad slab / CC block/ BS slab/ Late-rite / Wood Rs / cum
1	2	3	4	5
1	Total lead upto 50 m (covered by item rate)	initial lead	initial lead	initial lead
2	Total lead upto 100 m	48.00	28.00	61.10
3	Total lead upto 150 m	96.10	56.10	122.30

B.(Lead) Conveyance charges for machinery per kilometer for transporting materials by tippers and trucks excluding loading, unloading and idle hire charges of machinery.

(No loading and unloading charges allowed for machinery loading and unloading)

Sl No.	Distance	(Lead) charges for trucks and tippers for Earth / Sand /Gravel / Murrum/ Lime/ Surki/ per cu.meter	(Lead) charges for trucks and tippers for Rubble/Size stones/ Cut Stones/ Coarse aggregate per cu.meter	(Lead) charges for trucks and tippers for Cement/ Steel/ RCC poles/ AC & GI sheets/ Packed materials/tonne	(Lead) charges for trucks and tippers per cu.meter for PCC slabs/ Shahabad slabs/ CC & Laterite blocks/ Wood/ cum	(Lead) charges for per cu.meter for water/ 1000 litres	(Lead) charges for trucks per 1000 Nos. of Bricks
1	2	3	4	5	6	7	8
1	Lead upto 1 km	28.10	27.30	17.00	40.10	17.50	45.40

2	Lead upto 2 km	39.40	38.20	23.80	56.10	24.50	63.60
3	Lead upto 3 km	52.50	52.50	32.80	77.20	32.60	84.80
4	Lead upto 4 km	63.70	63.70	39.80	93.70	39.60	102.90
5	Lead upto 5 km	75.00	75.00	46.90	110.30	46.60	121.10
6	for Every km beyond 5 km upto 30 km	11.20	11.20	7.00	16.50	7.00	18.20
7	for Every km beyond 30 km	9.40	9.40	5.90	13.80	5.80	15.10

C.LOADING AND UNLOADING CHARGES BY MANUAL MEANS (idle hire charges of trucks are not added)

Sl No.	Description of item	Earth / Sand /Gravel Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate,Lime in Rs/cum	cement in Rs/tonne	steel in Rs./tonne	brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	16.10	32.00	52.80	63.30	44.00
2	Unloading	8.05	16.00	52.80	63.30	44.00

D.LOADING AND UNLOADING CHARGES BY MANUAL MEANS (including idle hire charges of trucks)

Sl No.	Description of item	Earth / Sand /Gravel Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate,Lime in Rs/cum	cement in Rs/tonne	steel in Rs./tonne	brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	98.60	114.60	143.60	154.10	193.90
2	Unloading	35.40	57.30	143.60	154.10	193.90

E.LOADING AND UNLOADING CHARGES BY MECHANICAL MEANS (including idle hire charges of trucks)

Sl No.	Description of item	Earth / Sand /Gravel Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate,Lime in Rs/cum
1	2	3	4
1	Loading	46.00	91.80
2	Unloading	14.20	14.20

F.LIFT CHARGES FOR MATERIALS BY HEAD LOAD

Sl No.	Total lift (Total lift includes initial lift)	Earth / Sand /Gravel Murrum/ Lime/ Surki/ Size stone / Cut stone Rubble / Coarse aggregate Rs / cum	Cement / Reinforce- ment steel Str steel Rs / tonne	PCC slab/ Shahbad slab / CC block/ BS slab / Laterite / Wood Rs / cum
1	2	3	4	5
1	Total lift upto 3 m (covered by item rate)	Initial lift	Initial lift	Initial lift
2	For Every 1.00 Lift beyond initial lift of 3 meters	5.60	4.10	7.50

Note: The Lead Charges are inclusive of 14% Contractor Profit and Overhead charges

HIRE CHARGES

HIRE CHARGES OF PLANT & MACHINERY

S.No	Description of machinery	Unit	Hire charge in Rs	Fuel charge in Rs	Crew Charge in Rs.	Total in Rs
1	2	3	4	5	6	7
1	Agitator car / Transit mixer 2 cum	Hour	588.80	937.80	244.90	1771.50
2	Air compressor 5 cmm (electric)	Hour	84.10	256.80	142.40	483.30
3	Air compressor 7 cmm (diesel)	Hour	187.30	767.30	182.20	1136.80
4	Air compressor 7 cmm (electric)	Hour	102.40	342.40	142.40	587.20
5	Air compressor 8.5 cmm (diesel)	Hour	213.90	959.10	182.20	1355.20
6	Air compressor 8.5 cmm (electric)	Hour	132.60	428.00	142.40	703.00
7	Air compressor 15 cmm (electric)	Hour	107.80	951.20	151.80	1210.80
8	Angle Dozer 90 hp	Hour	1331.80	656.00	204.10	2191.90
9	Batching plant 0.5 cum(6 cum/hr)	Hour	89.00	114.10	293.80	496.90
10	Batching plant 2 x 1.00 cum(15 cum/hr)	Hour	314.70	342.40	293.80	950.90
11	Batching plant 2 x 1.50 cum(50 cum/hr)	Hour	402.20	418.50	293.80	1114.50
12	Bending machine 3000 x 12 mm	Hour	36.00	114.10	113.90	264.00
13	Clamp shell and hoisting ropes	Hour	4.60	0.00	0.00	4.60
14	Concrete bucket 1.5 cum	Hour	12.30	0.00	0.00	12.30
15	Concrete hand mixer 45 / 30 ltr	Hour	4.30	0.00	0.00	4.30
16	Concrete mixer 300 / 200 (diesel)	Hour	41.50	85.30	189.80	316.60
17	Concrete mixer 300 / 200 ltr (electric)	Hour	40.10	38.00	189.80	267.90
18	Concrete mixer 600 / 400 (diesel)	Hour	72.00	170.50	189.80	432.30
19	Concrete mixer 600 / 400 ltr (electric)	Hour	70.60	76.10	189.80	336.50
20	Concrete paver 100 sqm / hr	Hour	276.80	0.00	364.40	641.20
21	Convey mucker	Hour	638.80	264.80	151.80	1055.40
22	Core drilling machine	Hour	247.60	255.80	244.90	748.30
23	Diesel generating set 30 KVA	Hour	51.10	682.00	113.90	847.00
24	Diesel generating set 50 KVA	Hour	66.10	1023.00	113.90	1203.00

25	Diesel Loco 45 hp	Hour	296.20	575.40	142.40	1014.00
26	Dewatering pump 5 hp (diesel)	Hour	7.90	85.30	96.10	189.30
27	Dewatering pump 5 hp (electric)	Hour	2.30	38.00	72.10	112.40
28	Dewatering pump 10 hp (diesel)	Hour	11.80	170.50	96.10	278.40
29	Dewatering pump 10 hp (electric)	Hour	5.20	76.10	72.10	153.40
30	Dewatering pump 20 hp (diesel)	Hour	37.50	341.00	96.10	474.60
31	Dewatering pump 20 hp (electric)	Hour	9.50	152.20	72.10	233.80
32	Drifter	Hour	250.50	0.00	306.20	556.70
33	Drilling jumbo	Hour	286.00	46.00	151.80	483.80
34	Dumper 4.5 cum	Hour	450.90	429.70	195.90	1076.50
35	Geophysical Electric resistivity meter	Hour	86.50	0.00	0.00	86.50
36	Grouting pump	Hour	19.30	38.00	227.80	285.10
37	Guniting / sand blast equipment	Hour	93.20	0.00	189.80	283.00
38	Ice plant & accessories 30 t / day	Hour	145.50	1084.30	113.90	1343.70
39	Jack hammer	Hour	15.40	0.00	284.70	300.10
40	Needle vibrator 40 mm (petrol)	Hour	5.90	21.50	136.60	164.00
41	Needle vibrator 40 mm (electric)	Hour	6.20	7.60	136.60	150.40
42	Needle vibrator 60 mm (petrol)	Hour	6.40	32.20	136.60	175.20
43	Needle vibrator 60 mm (electric)	Hour	7.60	11.40	136.60	155.60
44	Planing machine 4 m stroke	Hour	99.70	114.10	182.20	396.00
45	Plate shearing machine upto 12 mm	Hour	35.50	152.20	122.50	310.20
46	Pneumatic placer 0.5 cum	Hour	132.80	0.00	75.10	207.90
47	Pneumatic tamper	Hour	16.10	0.00	227.80	243.90
48	Pug cutting machine	Hour	5.40	3.80	0.00	9.20
49	Pusher leg	Hour	10.70	0.00	0.00	10.70
50	Road roller diesel 10 t	Hour	153.10	767.30	182.20	1102.60
51	Shovel 0.50 cum 75 hp	Hour	778.70	511.50	204.10	1494.30
52	Shovel 0.85 cum 110 hp	Hour	1324.90	937.80	204.10	2466.80
53	Stationery derric crane	Hour	66.80	0.00	0.00	66.80
54	Tipper 5 cum	Hour	346.90	322.20	153.10	822.20
55	Tipping tub 1.5 cum	Hour	49.80	0.00	0.00	49.80

56	Tower crane 5 tonne	Hour	673.10	197.80	163.30	1034.20
57	Transformer 250 KVA	Hour	4788.90	0.00	0.00	4788.90
58	Truck 10 t	Hour	321.50	322.20	153.10	796.80
59	Truck mounted derrick crane 5 t	Hour	403.50	322.20	153.10	878.80
60	Upright drilling machine/Grinder	Hour	17.40	38.00	171.60	227.00
61	Ventilation fan 20 hp	Hour	9.70	152.20	24.90	186.80
62	Vibratory pad foot roller 8 t	Hour	1042.00	1108.30	227.80	2378.10
63	Wagon drill	Hour	146.30	0.00	244.90	391.20
64	Water tanker 8000 ltr	Hour	342.60	322.20	153.10	817.90
65	Welding set	Hour	14.20	91.30	0.00	105.50
66	Winch 35 hp (electric)	Hour	100.40	186.40	227.80	514.60
67	Tractor with 2T roller	Hour				345.00
68	Hydraulic Truck Crane 30T	Hour	2404.10	118.80	454.30	2977.20
69	Hydraulic Truck Crane 16T	Hour	1768.50	75.00	454.30	2297.80
70	Heavy Duty Airless Spray Painting Equipment	Hour	94.20			94.20

ROAD & BRIDGE WORKS

MATERIAL & WORK ITEM RATES

RATES OF MATERIALS & WORK ITEMS

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
		(A) STONE AND ROAD MATERIALS			
		ROUGH STONE QUARRIED INCLUDING WEDGING, BREAKING, BURNING, SPLITTING.			
1	22.a	For R.R Masonry Work (other than Granite, Dolomite and Trap)	1 cum	152.40	
2	b.i	For SS Revetment work 225 mm	1 cum	137.15	As per WR Dept. (S.No.3) of Miscellaneous items Material other than covered under irrigation
3	b.ii	For SS Revetment work 300 mm	1 cum	156.20	As per WR Dept. (M 003 of Material) Material other than covered under irrigation items
4	b.iii	For SS Revetment work 450 mm	1 cum	129.50	
5	c	Jeddy Stone above 450 mm to 600 mm	1 cum	179.05	
6	d i	Laterite for revetment 225 mm	1 cum	112.40	
7	d ii	Laterite for revetment 300 mm	1 cum	131.45	
8	d iii	Granite for SS revetment 225 mm	1 cum	146.65	
9	d iv	Granite for SS revetment 300 mm	1 cum	148.55	
		Note:- Only when other granite is not available			
10	e	Laterite for masonry	1 cum	129.50	
11	f	Cyclopean stones above 0.2 cum	1 cum	241.90	
12	g	For R.R.Masonry works (granite, dolomite and trap variety)	1 cum	240.00	As per WR Dept. (M 148 of Material) Material other than covered under irrigation items
13		NOTE:- For items 22(a) to 22© and 22(g) add extra Rs /cum, wherever quarrying is done by blasting	1 cum	70.00	
		COURSED RUBBLE STONE QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING FOR SS FIRST SORT WORKS			
14	23.a	Granite, Dolomite and trap	1 cum	249.50	
15	23.b	For other varieties	1 cum	179.05	

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
16	27	Granite stone slabs for culverts, lintels and copings (3 faces dressed coarsed rubble masonry)	1 cum	1645.70	
17		NOTE: - For items 23(a), 23(b) and 27 add extra Rs. Per Cum, wherever quarrying is done by blasting	1 cum	74.00	
18	28.a	Bond stones (600 x 200 x 200 mm)	each	28.55	
19	b	Chainage stones and Centre line stones (750x150x150 mm)	each	35.25	
20	31	Demarcation Stones (900 x 150 x 150 mm)	each	66.65	
21	32.a	Guard Stones (1200 x 200 x 200 mm)	each	97.15	
22	B	Guide Stones (800 x 150 x150 mm)	each	66.65	
23	C	Carving letters and figures in stone up to 100 mm size	each	7.60	
24	D	Carving letters and figures in stone above 100 mm size	each	8.55	
		HARD BROKEN STONE OF GRANITE, TRAP AND DOLERITE FREE FROM DUST OBTAINED BY QUARRYING, WEDGING, BREAKING, BURNING AND SPLITTING			
25	33.a	- do - 6mm size (SS 5)	1 cum	506.40	As per WR Dept. (M 050 of Material) (excluding blasting charges of Rs.70/- and Machine crushing charges of 25%)
26	b	- do - 10mm size (SS 5)	1 cum	659.20	As per WR Dept. (M 051 of Material) (excluding blasting charges of Rs.70/- and Machine crushing charges of 25%)
27	c	- do - 12mm size (SS 5)	1 cum	782.40	As per WR Dept. (M 052 of Material) (excluding blasting charges of Rs.70/- and Machine crushing charges of 25%)

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
28	d	- do - 20mm size (SS 5)	1 cum	986.40	As per WR Dept. (M 053 of Material) (excluding blasting charges of Rs.70/- and Machine crushing charges of 25%)
29	e	- do - 25mm size (SS 5)	1 cum	947.20	As per WR Dept. (M 054 of Material) (excluding blasting charges of Rs.70/- and Machine crushing charges of 25%)
30	f	- do - 40mm size (SS 5)	1 cum	590.40	As per WR Dept. (M 055 of Material) (excluding blasting charges of Rs.70/- and Machine crushing charges of 25%)
31	g	- do - 50mm size (SS 5)	1 cum	434.30	
32	h	- do - 60mm size (SS 5)	1 cum	399.05	
33	i	- do - 65mm size (SS 5)	1 cum	360.95	
34	j	- do - 75mm size (SS 5)	1 cum	289.50	
35	k	- do - 75 to 100mm size (SS 5)	1 cum	236.20	
36		NOTE:- (1) Add extra Rs. /- per cum for items 33 (a) to 33 (k) if the metal is obtained by blasting	1 cum	70	
37		(2) Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.	1 cum	25%	
38		(3) Deduct Rs. /- per cum if the metal or rubble is obtained from surface stone and boulders.	1 cum	9.9	
39		(4) Add Rs. /- per cum for selection of stones and boulders from excavated spoil dumps for items 33 a to 33 k, when this	1 cum	17	

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
		addition of Rs. /- per Cum is allowed, deduction of Rs. /- per Cum mentioned under Note (3) above should invariably be made.	1 cum	9.9	
		SOFT BROKEN STONE SCREENED AND FREE FROM DUST			
40	33.l	- do - 40 mm size (SS 5)	1 Cum	117.15	
41	33.m	- do - 50 mm size (SS 5)	1 Cum	105.70	
42	33.n	- do - 60 mm size (SS 5)	1 Cum	82.85	
43	33.o	- do - 65 mm size (SS 5)	1 Cum	74.30	
44	33.p	- do - 75 mm size (SS 5)	1 Cum	69.50	
		HARD BROKEN STONE OF GRANITE TRAP DOLERITE AND DOLAMITE FREE FROM DUST OBTAINED BY QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING (QUARTZITE AND BASALT WITH AGGREGATE IMPACT OF LESS THAN 20)			
45	33a	-do- 2.36 to 5 mm size (IRC&MORTH)	1 cum	293.35	
46	b	-do- 5 to 7mm size (IRC&MORTH)	1 cum	480.00	
47	c	-do- 9.5 to 11.2mm size (IRC&MORTH)	1 cum	624.75	
48	d	-do- 12mm to 14 mm size (IRC and MORTH)	1 cum	742.85	
49	e	-do- 19 mm to 22 mm size (IRC and MORTH)	1 cum	937.15	
50	f	-do- 25 mm to 27 mm size (IRC and MORTH)	1 cum	899.05	
51	g	-do- 40 mm to 45 mm size (IRC and MORTH)	1 cum	560.00	
52	h	-do- 50 mm to 55 mm size (IRC and MORTH)	1 cum	434.30	
53	i	-do- 60 mm to 63 mm size (IRC and MORTH)	1 cum	399.05	
54	j	-do- 65 mm size (IRC and MORTH)	1 cum	360.95	
55	k	-do- 75 mm size (IRC and MORTH)	1 cum	289.50	
56	1	NOTE:- Add extra Rs. /- per cum for items 33 (a) to 33 (j) if the metal is obtained by blasting	1 cum	70	As proposed by WR Dept.
57	2	Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.	1 cum	25%	As proposed by WR Dept.
58	3	Deduct Rs. /- per cum if the metal or rubble is obtained from surface stones and boulders	1 cum	9.9	

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
59	4	Add Rs. /- per cum for selection of stones and boulders from excavated soil dumps for items 33 (a) to 33 (k), when this addition of Rs. /- per cum allowed deduction of Rs. /- per cum mentioned under note (3) above should invariably be made	1 cum	17 9.9	
		HARD BROKEN STONE OTHER THAN GRANITE SUCH AS QUARTZ, QUARTZ-NAPA AND BASALT SCREENED AND FREE FROM DUST			
60	33.q	- do - 10 mm size (SS 5)	1 Cum	367.60	
61		-do- 9.5 mm to 11.2 mm size (IRC and MORTH)	1 Cum	367.60	
62	r	- do - 12 mm size (SS 5)	1 Cum	344.75	
63		-do- 12mm to 14 mm size (IRC and MORTH)	1 Cum	344.75	
64	S	- do - 20 mm size (SS 5)	1 Cum	279.05	
65		-do- 19 mm to 22 mm size (IRC and MORTH)	1 Cum	279.05	
66	T	- do - 25 mm size (SS 5)	1 Cum	273.35	
67	U	- do - 40 mm size (SS 5)	1 Cum	161.90	
68		-do- 40 mm to 45 mm size (IRC and MORTH)	1 Cum	161.90	
69	V	- do - 50 mm size (SS 5)	1 Cum	142.85	
70		-do- 50 mm to 55 mm size (IRC and MORTH)	1 Cum	142.85	
71	33.w	- do - 65 mm size (SS 5)	1 Cum	135.25	
72		-do- 60 mm to 65 mm size (IRC and MORTH)	1 Cum	135.25	
73	X	- do - 75 mm size (SS 5)	1 Cum	111.45	
74		- do - 75 mm size (IRC &MORTH)	1 Cum	111.45	
75	Y	- do - 75 to 100 mm size (SS 5)	1 Cum	87.60	
76		- do - 75 to 100 mm (IRC& MORTH)	1 Cum	87.60	
		OTHER ITEMS			
77	33.z1	Laterite 40 to 75 mm (ring)	1 Cum	96.20	
78	z2	kankar, hard broken kankar 40 to 75 mm (ring)	1 Cum	71.45	
79	z3	Soling stone of 150 mm size of granite, trap and Dolomite varieties.	1 Cum	90.50	
80		NOTE:- (1) Add extra for items to 33(z3) Rs /- Per cum, wherever quarrying is done by blasting. (2) Wherever controlled blasting is resorted to the Chief Engineer concerned shall approve the observed data in support of SS item No. 22 a to 22 c , 22g, 23	1 Cum	70	As proposed by WR Dept.
81	z4	Soling stone of 150 mm size other than granite variety	1 Cum	62.85	
82	z5	Soling Stone laterite, Kankar 150mm,	1 Cum	39.05	

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
		surface stone			
83	z6	Field picked metal unbroken 20 mm size	1 Cum	52.40	
84	z7	- do - 25 mm size	1 Cum	40.00	
85	z8	- do - 40 mm size	1 Cum	45.70	
86	z9	- do - 50 mm size	1 Cum	40.00	
87	z10	- do - 60 mm size	1 Cum	34.30	
88	z11	- do - 80 mm size	1 Cum	30.50	
89		NOTE:- Add Rs. /- Per Cum for selection of stone and boulders from excavated spoil dumps for items 33 (Q) TO 33 Z , when this addition of Rs. /- per Cum is allowed, deduction of Rs. /- per Cum should invariably be made towards the metal or rubble if it is obtained from surface stone and boulders.		17	
90	34	Gravel	1 Cum	103	As per WR Dept. (M 008 of Material)
91	35 a	Quarry rubbish	1 Cum	77.15	
92	B	HBG Stone Chips 2.36mm and below	1 Cum	324.00	As per WR Dept. (Sl.No.67 of Material)
93	36.a	Sand for mortar, plastering, ceiling coat including washing screening etc.,	1 Cum	606.00	As per WR Dept. (Si. No. 28 of material)
94	b.	Sand for concrete	1 cum	462.00	As per WR Dept. (Si. No. 27a of material)
95	c	Sand for filling and blindage	1 Cum	342.00	As per WR Dept. (Si. No. 27b of Material)
96	37	Clay for puddle and masonry Items 38 (a) to 39 (h) As per local prevailing rates based on competitive quotations.	1 Cum	35	
		(C) LIME AND CEMENT			
97	40 to 41(c)			As per local prevailing rates based on competitive rates	
98	42	Cement excluding cost of empty cement bags	1 MT	Monthly rates as communicated by Govt	
NOTE: (1) The rates are exclusive of VAT and Excise duty 2) The price of cement was reviewed and fixed on monthly basis and rates were as communicated separately.					
99	C	Grinding lime mortar or Surkhi mortar	1 Cum	89.50	
100	D	Shell lime slaked and screened	1 Cum	895.25	
101	E	White cement	1 Kg.	23.30	

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
102		(D) MORTARS			
103	43 to 45	Items 43 to 45			
		(E) METAL AND IRON WORKS			
104		Mild steel rods 6mm dia.	1 MT	Monthly rates communicated by Govt	
105		Mild steel flats	1 MT		
106		Mild Steel, Structural Steel, I.e., Angles, Channels and I sections.	1 MT		
107		High Yield Strength Deformed Bars/TMT bars	1 MT		
108		Mild steel plates	1 MT		
		NOTE: (1) The rates are exclusive of VAT and Excise duty 2) The prices of steel was reviewed and fixed on monthly basis and rates were communicated separately			
		III RATES OF WORKS			
		(A) CLEARING SITE			
109	1.a	Clearing heavy Jungle	1 Sqm	2.90	
110	b	Clearing light Jungle	1 Sqm	2.60	
111	c	Clearing Scrub Jungle	1 Sqm	2.60	
112	d	Clearing Juliflora (Prosafis) jungle including up-rooting and removing of Juliflora stumps.	1 Sqm	3.70	
113	2.a.1	Cutting and removing Palmyrah trees including stacking of girth 30 to 100 cm.	Each	19.00	
114	a.2	- do - 100 to 200 cm.	Each	44.00	
115	2.b.1	Uprooting and removing Palmyrah stumps including stacking of girth 30 to 100 cm.	Each	46.00	
116	b.2	- do - 100 to 200 cm.	Each	48.00	
117	2.c.1	Cutting and removing date trees including stacking of girth 30 to 100 cm	Each	24.00	
118	c.2	- do - 100 to 200 cm	Each	35.00	
119	2.d.1	Uprooting and removing stumps of date trees including stacking of girth 30 to 100 cm.	Each	24.00	
120	d.2	- do - 100 to 200 cm	Each	30.00	
121	2.e 1	Cutting and removing other kind of trees including stacking of girth 30 to 100 cm	Each	30.00	
122	e.2	- do - 100 to 200 cm	Each	46.00	
123	e.3	- do - above 200 cm	Each	75.00	
124	2.f.1	Uprooting and removing stumps of other kind of trees including stacking of girth 30 to 100 cm.	Each	24.00	
125	f.2	- do - 100 to 200 cm	Each	33.00	
126	f.3	- do - above 200 cm	Each	41.00	
127	3.a	Uprooting and clearing prickly pear jungle	1 Sqm	2.30	

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
128	b	- do - under 2.5 meters height including burning and burrying as directed.	1 Sqm	3.00	
129	c	- do - over 2.5 meters height including burning and burrying with an initial lead of conveyance	1 Sqm	3.50	
130	4.a	Removing of natchu, goobi, thooti etc., from drains, channels including clearance if not more than 1 metre depth of water with an initial lead of 10 metres and lift of 2 metres.	1 Sqm	1.90	
131	b.i	Clearing alchi, tilla	1 Sq.m	3.80	
132	b.ii	Removal of Jammu	1 Sq.m	3.30	
133	c.i	Removal of imponea, cornea	1 Sq.m	3.60	
134	c.ii	Removal of water hyacinth upto 30 cm thick.	1 Sqm	3.70	
135	c.iii	- do - more than 30 cm thick	1 Sq.m	5.00	
136	d	Removal of natchu, goobi, thooti etc., for every extra lead or lift over the initial lead or lift.	1 Sqm	1.40	
		(B) DISMANTLING			
	5	DISMANTLING, CLEARING AWAY MATERIALS USEFUL FOR REUSE.			
137	a.i	Dry rough stone revetment for aprons and stacking within 40 metres	1 cum	62.50	
	7	Drilling holes in hard granite or sheet rock			
	a)	Manually (Hand)			
138	i)	20 mm dia meter	1 RM	124	
139	ii)	25 mm dia meter	1 RM	131	
140	iii)	36 mm dia meter	1 RM	151	
141	b)	Pneumatic Compressor			
142	i)	20 mm dia meter	1 RM	140	
143	ii)	25 mm dia meter	1 RM	152	
144	iii)	36 mm dia meter	1 RM	165	
	8	Grouting the holes with neat cement slurry excluding cost of steel			
145	i)	20 mm dia meter	1 RM	88	
146	ii)	25 mm dia meter	1 RM	111	
147	iii)	36 mm dia meter	1 RM	138	
		White Washing and Painting works			
148	A	White washing and colour banding for guard and guide stones including cost of materials	each	8.60	
149	B 1	Screening sand and gravel	1 cum	9.30	
150	B 2	Screening chips and metal	1 cum	16.00	

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
151	C	Removing and refixing Hectometre or Demarcation stones	each	11.50	
		(S) ROAD WORK ITEMS			
		PICKING OLD METALLED SURFACE TO DEPTH OF 40 TO 100 mm SPREADING OLD METAL AND NEW METAL SECTIONING INCLUDING EDGEBUNDS AND SUBGRADE ROLLING, SPREADING METAL INCLUDING BLINDAGE OF GRAVEL WATERING WITH AN INITIAL LEAD OF 2 HECTOMETERS AND HAND ROLLER (1.5 TO 2 TONNES) ROLLING ETC., INCLUDING BARRICADING, DIVERSION OF TRAFFIC AND WETTING THE NEW CONSOLIDATION FOR A FORTNIGHT COMPLETE			
		(For a compact thickness)			
	1 (i)	HARD METAL			
152	A	40 mm thickness	10 sqm	70	
153	B	50 mm thickness	10 sqm	74	
154	C	75 mm thickness	10 sqm	80.30	
155	D	100 mm thickness	10 sqm	87	
156	1 (ii)	(For compact thickness of soft metal)			
157	A	50 mm thickness	10 sqm	53.80	
158	B	75 mm thickness	10 sqm	63.90	
159	C	100 mm thickness	10 sqm	70.10	
	5	Picking old metalled surface to a depth of 40 to 100 mm and spreading metal including watering with an initial lead of 2 Hectometers and rolling with power rollers watering and spreading gravel for blindage and power roller rolling including hire charges of power roller(8 to 10 T) barricading and diversion of traffic and wetting the new consolidation for a fortnight(for compacted thickness of)			

RATES OF MATERIALS & WORK ITEMS SSI No.	S.S. Item No.	Description	Unit (per)	Basic Rate for the year 2014-15 in Rs.	Remarks
1	2	3	4	5	6
		HARD METAL			
160	5 (a)	40 mm thick ness	10 sqm	185	
161	(b)	50 mm thick ness	10 sqm	210	
162	(c)	75 mm thick ness	10 sqm	231	
163	(d)	100 mm thick ness	10 sqm	248.80	
164	(e)	150 mm thick excluding hire charges	10 sqm	445.40	
165		Gelatin(For MORTH data, for works of state & national high ways only)	Per Kg	57.00	As per WR Dept. (M 104 of Material) other than covered under irrigation
166		Electric Detonators(For MORTH data, for works of state & national high ways only)	each	10.00	As per WR Dept. (Si. No. 21 of Materials of WR Dept.)
167		Hot applied thermoplastic compound(For MORTH data, for works of State & National high ways only)	Per litre	Rate as per local competitive quotations	As per WR Dept. (M 118 of Material other than covered under Irrigation Items
168		Reflectionising glass beads of 2 mm thick(For MORTH data, for works of State & National high ways only)	Per Kg	62.35	
169		Road marking paint confirming to IS 164(For MORTH data, for works of State & National high ways only)	Per Kg	152.15	
170	n	Labour charges for laying filters with coarse aggregate.	1 cum	55.30	
171	o	Labour charges for laying filter with sand.	1 cum	30.70	
172		Fly Ash	1 cum		deleted
173		Binding Wire	1 Kg	59.00	As per WR Dept. (M 072 of Material) other than covered under irrigation items
174		Jute rope	Mtr	8.35	
175		De bonding strips	Mtr	8.55	
176		Selent	Ltr	53.95	
177		Poly sheet 125 microns	1 sqm	15.25	
178		Rural water rate	1 kl	77.00	

HIRE CHARGES OF PLANT AND MACHINERY

**HIRE CHARGES OF PLANT & MACHINERY FOR
ROAD & BRIDGE WORKS FOR THE YEAR 2014-15**

Sl. No.	Description		Unit	S o Rate for 2014-15 in Rs.	Remarks
	Machine	Activity			
1	2	3	4	5	6
1	Dozer(D 80)	Spreading	Per Hour	2191.90	As per WR Dept. (S.No.8)
		Cutting			
		Cleaning			
2	Dozer (D50)	Spreading Cutting Cleaning	Per hour	1339.80	
3	Mortor Grader	Clearing	Per Hour	2744.50	
		Spreading			
		GSB			
		WMM			
4	Hydraulic Excavator	Soil Ordinary	Per Hour	2466.80	As per WR Dept. (S.No.52)
		Soil Marshy			
		Soil unsuitable			
5	Front end loader	Soil loading	Per Hour	1428.60	
		Aggregate loading	Per Hour		
6	Tipper- 5.5 Cum	Transportation of soil, GSB, WMM, Hot mix etc	Per Hour	822.20	As per WR Dept. (S.No.54)
7	Vibratory roller 8 tonne	Earth/Soil, GSB,	Per Hour	2378.10	As per WR Dept. (S.No.62)
		WMM			
8	Smooth wheeled roller 8 tonne	Soil compaction ,BM compaction	Per Hour	1102.60	As per WR dept. (S.No.50)
9	Water tanker 8 Kilolitre	Water transport	Per Hour	817.90	As per WR Dept. (S.No.64)
10	Water tanker 6 Kilolitre	Water transport		582.90	
11	Tractor	Pulling	Per Hour	371.60	
12	Tractor with rotavator	GSB mixing @ site	Per Hour	377.90	
13	Tractor with ripper attachment	Scarifying	Per Hour	377.90	
14	Air Compressor 5 cmm(electric)	General purpose	Per Hour	483.30	As per WR Dept. (S.No.2)
15	Wet mix plant 60 TPH	Wet mix	Per Hour	1478.40	
16	Mechanical broom Hydraulic	Surface cleaning	Per Hour	320.70	

Sl. No.	Description		Unit	S o Rate for 2014-15 in Rs.	Remarks
	Machine	Activity			
1	2	3	4	5	6
17	Bitumen Pressure Distributor	Applying bitumen tack coat	Per Hour	1345.50	
18	Emulsion Pressure Distributor	Applying emulsion tack coat	Per Hour	772.50	
19	Hot mix Plant – 120 TPH capacity	DBM/BM/SDC	Per Hour	25306.80	
		/Premix			
20	Hot mix Plant – 100 TPH capacity	DBM/BM/SDC	Per Hour	21710.40	
		/Premix			
21	Hot mix Plant – 60 TPH capacity	DBM/BM/SDC	Per Hour	19462.20	
		/Premix			
22	Hot mix Plant – 40 to 60 TPH capacity	DBM/BM/SDC	Per Hour	17173.60	
		/Premix			
23	Paver Finisher Hydrostatic with sensor control 100 TPH	DBM/BM/SDC	Per Hour	2748.10	
		/Premix			
24	Paver finisher Mechanical 100	Paving of WMM, paving of DLC	Per Hour	2020.10	
25	Hydraulic Chip Spreader	Surface dressing	Per Hour	2305.70	
26	Tandem Road roller	Rolling of Asphaltic surface	Per Hour	1584.60	
27	Pneumatic Road roller	Rolling of Asphaltic surface	Per Hour	1235.10	
28	Pot-Hole repair machine	Repair of pot-holes	Per Hour	759.00	
29	Bitumen boiler oil fired	Bitumen Spraying	Per Hour	187.70	
30	GSB Plant 50 Cum	Producing GSB	Per Hour	1026.60	
31	Mastic Cooker	Mastic wearing coat	Per Hour	58.40	
32	Batching and Mixing Plant (a) 30 Cum capacity	Concrete mixing	Per Hour	1122.10	
		(b) 15 - 20 Cum capacity	Concrete mixing	Per Hour	950.90	As per WR Dept. (S.No.10)
33	Transit mixer	Transportation of concrete mix	Per Hour	1771.50	As per WR Dept. (S.No.1)
34	Concrete pump of 45 and 30 cum	Pumping of Concrete	Per Hour	684.10	
35	Cranes				
	(a) 80 tonnes	Lifting purpose	Per Hour	1051.80	
	(b) 35 tonnes			710.50	

Sl. No.	Description		Unit	S o Rate for 2014-15 in Rs.	Remarks
	Machine	Activity			
1	2	3	4	5	6
	(c) 3 tonnes			316.20	
	(d)Crane with grab bucket 0.75 cum	Well foundation	Per Hour	1940.10	
	(e)Crane with grab bucket 1 cum	Well foundation	Per Hour	3172.40	
36	Concrete bucket 1.50 cum	For pouring concrete	Per Hour	12.30	As per WR Dept. (S.No.14)
37	Kerb casting machine	Kerb making	Per Hour	279.30	
38	Concrete mixer	Concrete mixing	Per Hour	432.30	As per WR Dept. (S.No.18)
	(a)0.28 cum				
	(b) 1.0 cum	Concrete mixing	Per Hour	621.70	
39	Piling rig with bantonite pump	0.75 m dia to 1.20 m dia boring attachment	Per Hour	4917.60	
40	Concrete paver finisher with 40 HP motor	Paving of concrete surface	Per Hour	2604.80	
41	Integrated stone crusher	Crushing of spalls 100 TPH	Per Hour	7825.10	
		Crushing of spalls 200 TPH	Per Hour	16499.00	
42	Pre stressing jack with pump and access	Stressing of steel wires/ stands	Per Hour	126.60	
43	Generator				
	250 KVA	Generation of electric energy	per hour	1819.30	
	125 KVA		per hour	1298.10	
	100 KVA		per hour	1107.30	
	30 KVA		per hour	847.00	As per WR Dept. (S.No.23)
44	Pneumatic sinking of Plants	Pneumatic sinking of wells	Per K.m.	5029.90	
45	Truck 5.5 cum per 10 tonnes	Material transport	Per her	796.80	As per WR Dept. (S.No.58)
46	Road marking Machine	Road marking	Per Hour	99.70	
47	Mobile slurry seal equipment	Mixing and laying slurry seal	Per Hour	1011.40	
48	Plate compacter	For compacting in medians	Per Hour	43.10	
49	Drilling equipment	For drilling	Per Hour	748.30	As per WR Dept. (S.No.22)

Sl. No.	Description		Unit	S o Rate for 2014-15 in Rs.	Remarks
	Machine	Activity			
1	2	3	4	5	6
<i>Note: The above hire charges of Machinery & Plant includes crew, oils, conveyance of Machinery to site and all other incidental charges</i>					

PUBLIC HEALTH ITEMS

1. S o R FOR R.C.C. PLAIN ENDED PIPES

Sl. No.	Description				
1	2				
1	Manufacture, Supply and Delivery of R.C.C. Plain ended pipes conforming to B.I.S 458/2003 , Ex-factory, Excluding transportation, taxes & duties				
	Size	Unit	Revised SoR For 2014-15		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	125		
	100 mm dia	Meter	145		
	150 mm dia	Meter	172		
	200 mm dia	Meter	205		
	225 mm dia	Meter	223		
	250 mm dia	Meter	237		
	300 mm dia	Meter	341	793	807
	350 mm dia	Meter	425	957	976
	400 mm dia	Meter	490	1057	1081
	450 mm dia	Meter	599	1213	1225
	500 mm dia	Meter	656	1312	1513
	600 mm dia	Meter	973	1983	2348
	700 mm dia	Meter	1243	2462	3148
	800 mm dia	Meter	1527	3252	4104
	900 mm dia	Meter	1925	4084	5119
	1000 mm dia	Meter	2349	5081	7010
	1100 mm dia	Meter	2774	5992	8123
	1200 mm dia	Meter	3305	7058	9496
	1400 mm dia	Meter	4518	9102	13113
	1600 mm dia	Meter	5212	11810	15677
	1800 mm dia	Meter	6852	15662	21018

The above rates of RCC Plain ended pipes are based on the following raw materials
 Cost Cement. Rs.3105/- per MT (excluding all taxes and freight).
 Steel (M.S. Rods) - Rs.34709/- per MT. (excluding all taxes and freight).

2. S o R FOR R.C.C. COLLARS

Sl.No.	Description				
1	2				
1	Manufacture, Supply and Delivery of R.C.C. Collars conforming to B.I.S. 458/2003 (rate per each collar) suitable for R.C.C. Plain ended pipes including transportation but excluding taxes & duties				
	Size	Unit	Revised SoR For 2014-15		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	39.00		
	100 mm dia	Each	40.00		
	150 mm dia	Each	42.00		
	200 mm dia	Each	56.00		
	225 mm dia	Each	59.00		
	250 mm dia	Each	65.00		
	300 mm dia	Each	86.00	122.00	122.00
	350 mm dia	Each	106.00	153.00	153.00
	400 mm dia	Each	118.00	175.00	175.00
	450 mm dia	Each	185.00	233.00	233.00
	500 mm dia	Each	209.00	277.00	277.00
	600 mm dia	Each	285.00	363.00	363.00
	700 mm dia	Each	370.00	486.00	486.00
	800 mm dia	Each	521.00	621.00	621.00
	900 mm dia	Each	624.00	724.00	724.00
	1000 mm dia	Each	729.00	904.00	904.00
	1100 mm dia	Each	891.00	1146.00	1146.00
	1200 mm dia	Each	1081.00	1435.00	1435.00
	1400 mm dia	Each	1395.00	1816.00	1816.00
	1600 mm dia	Each	1782.00	2326.00	2326.00
	1800 mm dia	Each	1823.00	2994.00	2994.00

The above rates of RCC Collars suitable to plain ended pipes are based on the following raw materials cost.

Cost Cement. Rs. 3105/- per MT (excluding all taxes and freight).

Steel (M.S. Rods) - Rs. 34709/- per MT. (excluding all taxes and freight).

3. S o R FOR R.C.C. S/S PIPES (Non - Pressure)

Sl. No.	Description				
1	2				
1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 at ex-factory (rate per meter of effective length) Excluding transportation, taxes & duties.				
	Size	Unit	Revised SoR For 2014-15		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	157		
	100 mm dia	Meter	178		
	150 mm dia	Meter	207		
	200 mm dia	Meter	253		
	225 mm dia	Meter	276		
	250 mm dia	Meter	294		
	300 mm dia	Meter	413	1016	1076
	350 mm dia	Meter	532	1274	1295
	400 mm dia	Meter	585	1412	1436
	450 mm dia	Meter	729	1557	1569
	500 mm dia	Meter	841	1781	1935
	600 mm dia	Meter	1182	2498	2545
	700 mm dia	Meter	1531	3190	3305
	800 mm dia	Meter	1967	4224	4307
	900 mm dia	Meter	2490	5309	5426
	1000 mm dia	Meter	3032	5979	6421
	1100 mm dia	Meter	3540	7056	7414
	1200 mm dia	Meter	4002	8328	8677
	1400 mm dia	Meter	5726	11026	12305
	1600 mm dia	Meter	7085	14317	14721
	1800 mm dia	Meter	7913	18985	19750

The above rates of RCC S/S Non-Pressure pipes are based on the following raw materials cost.

Cost Cement. Rs. 3105/- per MT (excluding all taxes and freight).

Steel (M.S. Rods) - Rs. 34709/- per MT. (excluding all taxes and freight).

4. S o R FOR R.C.C. S/S PIPES (Pressure)

Sl.No.	Description				
1	2				
1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 Ex-factory (rate per meter of effective length) Excluding transportation, taxes & duties.				
	Size	Unit	Revised SoR For 2014-15		
			P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Meter	207	234	265
	100 mm dia	Meter	234	280	322
	150 mm dia	Meter	322	416	513
	200 mm dia	Meter	375	537	709
	225 mm dia	Meter	421	610	789
	250 mm dia	Meter	461	651	825
	300 mm dia	Meter	620	936	1164
	350 mm dia	Meter	773	1304	1683
	400 mm dia	Meter	918	1730	2226
	450 mm dia	Meter	976	2050	2736
	500 mm dia	Meter	1305	2220	3105
	600 mm dia	Meter	1787	3312	4302
	700 mm dia	Meter	2833	4356	5456
	800 mm dia	Meter	2982	5164	6588
	900 mm dia	Meter	3594	6064	
	1000 mm dia	Meter	4548	6949	
	1100 mm dia	Meter	5461		
	1200 mm dia	Meter	6393		

The above rates of RCC S/S Pressure pipes are based on the following raw materials cost.

Cost Cement. Rs. 3105/- per MT (excluding all taxes and freight).

Steel (M.S. Rods) - Rs. 34709/- per MT. (excluding all taxes and freight).

8. S o R FOR A.C. PIPES

Sl.No	Description					
1	Manufacture, Supply of A.C. Pressure pipes (mazza process) as per BIS No: 1592/2003 as amended from time to time duly marked with BIS mark, including cost of material, incidental handling, loading and packing charges but are exclusive of transportation, unloading, stacking at departmental stores, and excluding excise duty, VAT octroi and other govt. Levies. The pipes shall be tested at factory premises confirming to is code 1592/2003.					
	Size	Unit		Revised SoR For 2014-15		
				Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Meter		162	177	221
	100 mm dia	Rate/Meter		215	272	334
	125 mm dia	Rate/Meter		280	348	437
	150 mm dia	Rate/Meter		394	490	615
	200 mm dia	Rate/Meter		654	833	1058
	250 mm dia	Rate/Meter		829	1070	1341
	300 mm dia	Rate/Meter		1162	1507	1923
	350 mm dia	Rate/Meter		1418	1842	2318
	400 mm dia	Rate/Meter		1844	2406	2987
	450 mm dia	Rate/Meter		2179	2889	3618
	500 mm dia	Rate/Meter		2698	3536	4440
	600 mm dia	Rate/Meter		3833	4999	6370
	700 mm dia	Rate/Meter		5109	6931	8962
	750 mm dia	Rate/Meter		5823	8000	10255
	800 mm dia	Rate/Meter		6663	9065	11634
	850 mm dia	Rate/Meter		7473	10198	13100
	900 mm dia	Rate/Meter		8331	11393	14653
	1000 mm dia	Rate/Meter		10285	13987	18020

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| <ol style="list-style-type: none">1. The above rates of AC Pipes are based on the Cement cost of RS.3105 /- per MT (excluding all taxes and freight).2. The above rates of AC pipes are based on the Fiber cost of Rs 59375/- per M.T (Excluding all taxes & Frieght) |
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9. S o R FOR A.C. COUPLINGS

Sl. No.	Description					
1	2					
1	Manufacture, Supply of A.C Couplings suitable to A.C. Pressure pipes (mazza process) as per BIS: 1592/2003 excluding cost of rubber rings to suit AC pressure pipes including cost of material, incidental handling, packing, transportation and unloading at site transit risk, but excluding excise duty, VAT and other govt. Levies and testing of joints as per IS Code.					
	Size	Unit	Revised SoR For 2014-15			
0				Class - 15	Class - 20	Class – 25
	80 mm dia	Rate/Each		81	87	100
	100 mm dia	Rate/Each		106	112	135
	125 mm dia	Rate/Each		133	145	174
	150 mm dia	Rate/Each		153	192	237
	200 mm dia	Rate/Each		283	305	389
	250 mm dia	Rate/Each		330	415	527
	300 mm dia	Rate/Each		429	556	715
	350 mm dia	Rate/Each		559	722	923
	400 mm dia	Rate/Each		861	1124	1443
	450 mm dia	Rate/Each		1031	1359	1749
	500 mm dia	Rate/Each		1229	1645	2104
	600 mm dia	Rate/Each		1494	1867	2389
	700 mm dia	Rate/Each		1988	2676	3480
	750 mm dia	Rate/Each		2242	3066	3957
	800 mm dia	Rate/Each		2544	3450	4464
	850 mm dia	Rate/Each		2834	3859	5003
	900 mm dia	Rate/Each		3136	4290	5569
	1000 mm dia	Rate/Each		3827	5215	6797

1. The above rates of AC Coupling are based on the Cement cost of RS 3105/- per MT (Excluding all taxes and freight).
2. The above rates of AC Coupling are based on the Fiber cost of Rs.59375/- per M.T (Excluding all taxes & Frieght)

11. S o R FOR PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES FOR THE YEAR 2014-15

Sl.No.	Description							
1	2							
1	Manufacture, Supply, Delivery of Pre-stressed (Non-cylinder) concrete pipes conforming to IS 784/2001 ex-factory excluding transportation, taxes & duties., for the following Field/Site Test Pressures.(The manufacture shall design the pipes as per the IS Code 784-2001)							
	Size	Unit	Revised SoR For 2014-15					
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
			6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2
	350 MM DIA	Metre	2554	2563	2574	2583	2636	2730
	400 MM DIA	Metre	2737	2758	2788	2821	2873	2915
	450 MM DIA	Metre	2864	2876	2908	2962	3040	3106
	500 MM DIA	Metre	3099	3110	3131	3197	3264	3363
	600 MM DIA	Metre	3551	3574	3606	3717	3838	3958
	700 MM DIA	Metre	4388	4398	4465	4564	4728	4847
	800 MM DIA	Metre	5167	5211	5343	5462	5684	5869
	900 MM DIA	Metre	5987	6019	6149	6403	6654	7106
	1000 MM DIA	Metre	7027	7072	7268	7554	7917	8322
	1100 MM DIA	Metre	7969	8067	8286	8747	9108	9547
	1200 MM DIA	Metre	8798	8929	9403	9841	10745	11272
	1300 MM DIA	Metre	9956	10527	11111	11704	12716	13892
	1400 MM DIA	Metre	11413	12074	12764	13864	14792	15605
	1500 MM DIA	Metre	13333	14113	14893	16158	17114	18037
	1600 MM DIA	Metre	15005	15895	16786	19028	19399	20444
	1700 MM DIA	Metre	15781	16411	17288	19460	21689	22586
	1800 MM DIA	Metre	16935	18051	19020	20951	23358	24371
	1900 MM DIA	Metre	18112	19137	20814	22045	24019	26754
	2000 MM DIA	Metre	19884	21168	22252	24504	27968	30050

Note: a) The above rate of PSC pipes are based on the HT wire cost of Rs.50423/-MT (Excluding taxes). and cement price of Rs.3105/- per MT (Excluding all taxes and freight)

12. S o R FOR PRE-STRESSED (CYLINDER) CONCRETE PIPES FOR THE YEAR 2014-15

SI No.	Description										
1	2										
1	Pre-stressed (Cylinder type) concrete pipes conforming to IS 784/2001 @ ex-factory cost of pipes, excluding transportation, laying, jointing, testing, bends, tees, specials, taxes & duties for the following Field/Site Test Pressures.(The manufacture shall design the pipes as per the IS Code 784-2001)										
	Size	Unit	Revised SoR For 2014-15								
			4 Kg/cm2	6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2	18 Kg/cm2	20 Kg/cm2
	400 MM DIA	Meter	4,838	4,838	4,838	4,838	4,862	4,911	4,994	5,074	5,135
	450 MM DIA	Meter	5,254	5,254	5,254	5,277	5,337	5,410	5,516	5,587	5,671
	500 MM DIA	Meter	5,744	5,744	5,756	5,831	5,899	5,992	6,078	6,208	6,303
	600 MM DIA	Meter	6,819	6,868	6,953	7,070	7,176	7,284	7,450	7,603	7,757
	700 MM DIA	Meter	7,874	7,993	8,136	8,289	8,432	8,573	8,750	8,975	9,143
	800 MM DIA	Meter	9,238	9,405	9,605	9,806	9,987	10,174	10,401	10,641	10,916
	900 MM DIA	Meter	10,931	11,145	11,392	11,642	11,892	12,116	12,416	12,713	13,009
	1000 MM DIA	Meter	12,662	12,946	13,244	13,553	13,859	14,111	14,464	14,826	15,199
	1100 MM DIA	Meter	14,048	14,386	14,744	15,063	15,401	15,710	16,095	16,500	17,390
	1200 MM DIA	Meter	15,917	16,310	16,707	17,102	17,508	17,871	18,321	19,211	19,847
	1300 MM DIA	Meter	17,699	18,153	18,615	19,075	19,549	19,965	21,030	21,602	22,314
	1400 MM DIA	Meter	19,399	19,914	20,453	20,992	21,530	22,595	23,253	23,934	25,440
	1500 MM DIA	Meter	21,114	21,685	22,255	22,815	24,002	24,650	25,632	27,098	28,925
	1600 MM DIA	Meter	23,821	24,456	25,104	26,312	27,048	27,783	29,615	30,428	31,219
	1700 MM DIA	Meter	25,622	26,358	27,136	28,520	29,354	30,914	32,317	33,197	34,031
	1800 MM DIA	Meter	28,060	28,828	30,332	31,264	32,175	33,888	35,381	36,435	37,489
	1900 MM DIA	Meter	32,850	33,727	35,405	36,429	38,207	39,657	41,005	42,180	43,290

	2000 MM DIA	Meter	35,010	36,679	37,810	38,973	41,004	39,233	44,093	45,483	46,680
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Note: The rates of PCCP pipes which were incorporated in the SSR are based on the following raw materials cost.

HT Wire: - Rs.50423/- (Excluding all taxes & freight)

HR Coil (Hot Rolled): - Rs.42373/- (Excluding all taxes & freight)

Cement Cost Rs. 3105/- .per MT (Excluding all duties, taxes & freight)

13. S o R FOR BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES FOR THE YEAR 2014-15

Sl. No	Description											
1	2											
1	Bar Wrapped Steel Cylindrical (BWSC) pipes conforming to IS 15155 - 2002, ex-factory excluding transportation, taxes and duties etc., for bar wrapped steel cylindrical pipes for the following Field/Site Test Pressures.(The manufacture shall design the pipes as per the IS Code 784-2001)											
	Size	Unit	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
			4 -12 Kg/cm ²	14 Kg/cm ²	16 Kg/cm ²	18 Kg/cm ²	20 Kg/cm ²	22 Kg/cm ²	24 Kg/cm ²	26 Kg/cm ²	28 Kg/cm ²	30 Kg/cm ²
	250 MM DIA	Meter	2,826	2,826	2,826	2,826	2,826	2,826	2,828	2,864	2,890	3,047
	300 MM DIA	Meter	3,177	3,177	3,177	3,177	3,177	3,217	3,301	3,423	3,486	3,675
	350 MM DIA	Meter	3,855	3,855	3,855	3,874	3,908	3,945	4,043	4,185	4,304	4,504
	400 MM DIA	Meter	4,227	4,227	4,247	4,303	4,347	4,546	4,724	4,904	5,085	5,752
	450 MM DIA	Meter	4,655	4,671	4,736	4,785	5,018	5,220	5,457	5,668	5,895	6,418
	500 MM DIA	Meter	5,207	5,263	5,334	5,586	5,859	6,137	6,432	6,685	7,131	7,599
	600 MM DIA	Meter	6,870	6,961	7,054	7,459	7,857	8,189	8,620	9,016	9,573	10,087
	700 MM DIA	Meter	8,293	8,478	9,048	9,599	10,140	10,717	11,467	11,916	12,502	13,340
	800 MM DIA	Meter	9,423	10,143	10,847	11,531	12,249	13,199	13,969	15,020	15,755	16,791

											Public Health Items	
900 MM DIA	Meter	11,652	12,095	12,993	13,899	14,761	15,467	17,075	18,245	19,120	20,470	
1000 MM DIA	Meter	13,156	14,373	15,380	16,399	17,491	19,090	20,862	22,333	23,509	25,258	
1100 MM DIA	Meter	18,880	19,223	19,378	21,255	23,375	24,879	27,545	29,043	30,933	33,744	
1200 MM DIA	Meter	20,885	21,496	22,253	24,501	26,919	29,104	31,600	32,807	36,708	40,530	

Note: The above rates of BWSC pipes are based on the following raw materials' cost.

HR Plates - Rs.28390/- per MT (Excluding all taxes)

Wire rods - Rs.28183/- per MT (Excluding all taxes)

Cement Cost Rs. 3295/- per MT (Excluding all duties, taxes & freight)

14. S o R FOR M.S. PIPES FOR THE YEAR 2014-15

Sl.No.	Description	Unit	Thicknes s in mm	Rate (Rs.)
1	2	3	4	5
1	Manufacture, supply and delivery of M.S Pipes conforming to is 3589/2001 including in lining with cement mortar (1:2) 15mm thick using 4 numbers of 6mm dia M.S.Rings at each end of the pipe and out coating with cement mortar (1:3) 30mm thick by shortcreting or gunetting duly providing wire mesh of size 50x50x3mm including cost of all materials, labour charges, transportation to anywhere in AP, but excluding taxes & duties, etc.			
	500 mm dia	Meter	8.00	8068.00
	600 mm dia	Meter	8.00	9624.00
	700 mm dia	Meter	8.00	11233.00
	700 mm dia	Meter	10.00	13918.00
	800 mm dia	Meter	8.00	12899.00
	800 mm dia	Meter	10.00	14798.00
	800 mm dia	Meter	12.00	17489.00
	900 mm dia		8.00	14398.00
	900 mm dia	Meter	10.00	16532.00
	900 mm dia	Meter	12.00	18671.00
	1000 mm dia	Meter	8.00	16176.00
	1000 mm dia	Meter	10.00	18538.00
	1000 mm dia	Meter	12.00	20815.00
	1000 mm dia	Meter	14.00	24010.00
	1100 mm dia	Meter	8.00	19155.00
	1100 mm dia	Meter	10.00	21756.00
	1100 mm dia	Meter	12.00	24358.00
	1100 mm dia	Meter	14.00	28111.00
	1100 mm dia	Meter	16.00	31879.00
	1200 mm dia	Meter	8.00	21700.00
	1200 mm dia	Meter	10.00	24527.00
	1200 mm dia	Meter	12.00	27363.00

	1200 mm dia	Meter	14.00	30216.00
	1200 mm dia	Meter	16.00	34255.00
	1200 mm dia	Meter	18.00	38306.00
	1300 mm dia	Meter	8.00	23694.00
	1300 mm dia	Meter	10.00	26754.00
	1300 mm dia	Meter	12.00	29824.00
	1300 mm dia	Meter	14.00	32902.00
	1300 MM DIA	Meter	16.00	35995.00
	1300 MM DIA	Meter	18.00	40240.00
	1300 MM DIA	Meter	20.00	44498.00
	1400 MM DIA	Meter	8.00	25195.00
	1400 MM DIA	Meter	10.00	28485.00
	1400 MM DIA	Meter	12.00	31787.00
	1400 MM DIA	Meter	14.00	35103.00
	1400 MM DIA	Meter	16.00	38423.00
	1400 MM DIA	Meter	18.00	42948.00
	1400 MM DIA	Meter	20.00	47484.00
	1400 MM DIA	Meter	22.00	52032.00
	1500 MM DIA	Meter	8.00	26968.00
	1500 MM DIA	Meter	10.00	30496.00
	1500 MM DIA	Meter	12.00	34027.00
	1500 MM DIA	Meter	14.00	37573.00
	1500 MM DIA	Meter	16.00	41129.00
	1500 MM DIA	Meter	18.00	44687.00
	1500 MM DIA	Meter	20.00	49393.00
	1500 MM DIA	Meter	22.00	54112.00
	1500 MM DIA	Meter	24.00	58844.00
	1600 MM DIA	Meter	8.00	28484.00
	1600 MM DIA	Meter	10.00	32223.00
	1600 MM DIA	Meter	12.00	35991.00
	1600 MM DIA	Meter	14.00	39769.00
	1600 MM DIA	Meter	16.00	43555.00
	1600 MM DIA	Meter	18.00	47350.00
	1600 MM DIA	Meter	20.00	52329.00
	1600 MM DIA	Meter	22.00	57322.00
	1600 MM DIA	Meter	24.00	62326.00
	1600 MM DIA	Meter	26.00	67341.00
	1700 MM DIA	Meter	8.00	30242.00
	1700 MM DIA	Meter	10.00	34230.00
	1700 MM DIA	Meter	12.00	38229.00

	1700 MM DIA	Meter	14.00	42239.00
	1700 MM DIA	Meter	16.00	46255.00
	1700 MM DIA	Meter	18.00	50285.00
	1700 MM DIA	Meter	20.00	55570.00
	1700 MM DIA	Meter	22.00	60870.00
	1700 MM DIA	Meter	24.00	66177.00
	1700 MM DIA	Meter	26.00	71502.00
	1700 MM DIA	Meter	28.00	76833.00
	1800 MM DIA	Meter	8.00	32016.00
	1800 MM DIA	Meter	10.00	36236.00
	1800 MM DIA	Meter	12.00	40469.00
	1800 MM DIA	Meter	14.00	44714.00
	1800 MM DIA	Meter	16.00	48959.00
	1800 MM DIA	Meter	18.00	53222.00
	1800 MM DIA	Meter	20.00	57491.00
	1800 MM DIA	Meter	22.00	62960.00
	1800 MM DIA	Meter	24.00	68442.00
	1800 MM DIA	Meter	26.00	73932.00
	1800 MM DIA	Meter	28.00	79438.00
	1800 MM DIA	Meter	30.00	84952.00
	1900 MM DIA	Meter	8.00	32482.00
	1900 MM DIA	Meter	10.00	37969.00
	1900 MM DIA	Meter	12.00	42428.00
	1900 MM DIA	Meter	14.00	46903.00
	1900 MM DIA	Meter	16.00	51387.00
	1900 MM DIA	Meter	18.00	55882.00
	1900 MM DIA	Meter	20.00	60380.00
	1900 MM DIA	Meter	22.00	66118.00
	1900 MM DIA	Meter	24.00	71868.00
	1900 MM DIA	Meter	26.00	77632.00
	1900 MM DIA	Meter	28.00	83405.00
	1900 MM DIA	Meter	30.00	89192.00
	1900 MM DIA	Meter	32.00	94986.00
	2000 MM DIA	Meter	8.00	33971.00
	2000 MM DIA	Meter	10.00	39701.00
	2000 MM DIA	Meter	12.00	44397.00
	2000 MM DIA	Meter	14.00	49102.00
	2000 MM DIA	Meter	16.00	53816.00
	2000 MM DIA	Meter	18.00	58543.00
	2000 MM DIA	Meter	20.00	63272.00
	2000 MM DIA	Meter	22.00	67975.00
	2000 MM DIA	Meter	24.00	73874.00

	2000 MM DIA	Meter	26.00	79784.00
	2000 MM DIA	Meter	28.00	85709.00
	2000 MM DIA	Meter	30.00	91641.00
	2000 MM DIA	Meter	32.00	97586.00
	2000 MM DIA	Meter	34.00	103542.00
	2100 MM DIA	Meter	8.00	35689.00
	2100 MM DIA	Meter	10.00	41707.00
	2100 MM DIA	Meter	12.00	46635.00
	2100 MM DIA	Meter	14.00	51560.00
	2100 MM DIA	Meter	16.00	56518.00
	2100 MM DIA	Meter	18.00	61474.00
	2100 MM DIA	Meter	20.00	66440.00
	2100 MM DIA	Meter	22.00	71418.00
	2100 MM DIA	Meter	24.00	77614.00
	2100 MM DIA	Meter	26.00	83821.00
	2100 MM DIA	Meter	28.00	90040.00
	2100 MM DIA	Meter	30.00	96269.00
	2100 MM DIA	Meter	32.00	102511.00
	2100 MM DIA	Meter	34.00	108763.00
	2100 MM DIA	Meter	36.00	115027.00
	2200 MM DIA	Meter	8.00	37175.00
	2200 MM DIA	Meter	10.00	43438.00
	2200 MM DIA	Meter	12.00	48600.00
	2200 MM DIA	Meter	14.00	53767.00
	2200 MM DIA	Meter	16.00	58949.00
	2200 MM DIA	Meter	18.00	64133.00
	2200 MM DIA	Meter	20.00	69333.00
	2200 MM DIA	Meter	22.00	74544.00
	2200 MM DIA	Meter	26.00	87481.00
	2200 MM DIA	Meter	28.00	93964.00
	2200 MM DIA	Meter	30.00	100460.00
	2200 MM DIA	Meter	32.00	106967.00
	2200 MM DIA	Meter	34.00	113487.00
	2200 MM DIA	Meter	36.00	120017.00
	2200 MM DIA	Meter	38.00	126560.00
	2300 MM DIA	Meter	10.00	45444.00
	2300 MM DIA	Meter	12.00	50837.00
	2300 MM DIA	Meter	16.00	61645.00
	2300 MM DIA	Meter	18.00	67069.00
	2300 MM DIA	Meter	20.00	72500.00
	2300 MM DIA	Meter	22.00	77937.00
	2300 MM DIA	Meter	26.00	91457.00

	2300 MM DIA	Meter	28.00	98232.00
	2300 MM DIA	Meter	30.00	105021.00
	2300 MM DIA	Meter	32.00	111820.00
	2300 MM DIA	Meter	34.00	118630.00
	2300 MM DIA	Meter	36.00	125453.00
	2300 MM DIA	Meter	38.00	132286.00
	2300 MM DIA	Meter	40.00	139129.00
	2400MM DIA	Meter	10.00	47175.00
	2400 MM DIA	Meter	12.00	52800.00
	2400 MM DIA	Meter	14.00	59365.00
	2400 MM DIA	Meter	16.00	65011.00
	2400 MM DIA	Meter	18.00	70661.00
	2400 MM DIA	Meter	20.00	76327.00
	2400 MM DIA	Meter	22.00	82843.00
	2400 MM DIA	Meter	26.00	88728.00
	2400 MM DIA	Meter	28.00	94794.00
	2400 MM DIA	Meter	30.00	100871.00
	2400 MM DIA	Meter	32.00	106958.00
	2400 MM DIA	Meter	34.00	113052.00
	2400 MM DIA	Meter	36.00	119160.00
	2400 MM DIA	Meter	38.00	125275.00
	2400 MM DIA	Meter	40.00	125135.00
	2400 MM DIA	Meter	42.00	131266.00
	2500 MM DIA	Meter	10.00	49184.00
	2500 MM DIA	Meter	14.00	60906.00
	2500 MM DIA	Meter	16.00	66781.00
	2500 MM DIA	Meter	18.00	72667.00
	2500 MM DIA	Meter	20.00	78560.00
	2500 MM DIA	Meter	22.00	84465.00
	2500 MM DIA	Meter	28.00	106433.00
	2500 MM DIA	Meter	30.00	113780.00
	2500 MM DIA	Meter	34.00	128505.00
	2500 MM DIA	Meter	36.00	135886.00
	2500 MM DIA	Meter	38.00	143277.00
	2500 MM DIA	Meter	40.00	150679.00
	2500 MM DIA	Meter	42.00	158094.00
	2500 MM DIA	Meter	44.00	165520.00
	2500 MM DIA	Meter	46.00	172956.00
	2600 MM DIA	Meter	12.00	57000.00
	2600 MM DIA	Meter	14.00	63102.00
	2600 MM DIA	Meter	16.00	69212.00
	2600 MM DIA	Meter	18.00	75328.00

	2600 MM DIA	Meter	20.00	81455.00
	2600 MM DIA	Meter	22.00	87590.00
	2600 MM DIA	Meter	32.00	125596.00
	2600 MM DIA	Meter	34.00	133231.00
	2600 MM DIA	Meter	36.00	140877.00
	2600 MM DIA	Meter	38.00	148533.00
	2600 MM DIA	Meter	40.00	156203.00
	2600 MM DIA	Meter	42.00	163885.00
	2600 MM DIA	Meter	44.00	171577.00
	2600 MM DIA	Meter	46.00	179280.00
	2600 MM DIA	Meter	48.00	186995.00

The above rates of MS Spiral pipes are based on the following raw materials cost.
MS Plates = Rs.39365/- Per MT.

BUILDINGS ITEMS

GOVERNMENT OF ANDHRA PRADESH				
ROADS AND BUILDINGS DEPARTMENT				
Buildings SoR 2014-15 (Civil & WS Items)				
Sl. No	Item Code	Description of item	Unit	BASIC RATE for SOR 2014-15 excluding subsumed taxes
1	2	3	4	5
		BRICKS & BUILDING BLOCKS		
		A. (Ex-quarry price - including material VAT, loading excluding cost of conveyance, unloading & stacking)		
		ORDINARY CLAY BRICKS		
1	BMT-A.01	Common burnt clay bricks of class as per Table-1 of IS:1077-1992 Non-Modular or traditional size 23 x 11 x 7 cm	1000 Nos	4672
2	BMT-A.02	Common burnt clay bricks of class as per Table-1 of IS:1077-1992 Modular or traditional size 19 x 9 x 9 cm	1000 Nos	5256
		FLY-ASH CEMENT/LIME SOLID BLOCKS		
		(ex-quarry price - excluding cost of conveyance, loading & unloading)		
3	BMT-A.03	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 225 x 140 mm	Each	21
4	BMT-A.04	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 200 x 140 mm	Each	20
5	BMT-A.05	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 150 x 140 mm	Each	17
6	BMT-A.06	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 112/100 x 140 mm	Each	12
7	BMT-A.07	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 225 x 100 x 60 mm	Each	6
8	BMT-A.08	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 145 x 225 x 140 mm	Each	13
9	BMT-A.09	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 145 x 200 x 140 mm	Each	10
10	BMT-A.10	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - 290 x 225 x 140 mm	Each	20
11	BMT-A.11	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - 290 x 200 x 140 mm	Each	16
12	BMT-A.12	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - 290 x 150 x 140 mm	Each	17
13	BMT-A.13	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - 290 x 112/100 x 140 mm	Each	9
14	BMT-A.14	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - 225 x 100 x 60 mm	Each	4
15	BMT-A.15	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - 145 x 225 x 140 mm	Each	10
16	BMT-A.16	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - 145 x 200 x 140 mm	Each	9
17	BMT-A.17	Supply of well burnt cinder aggregates as per IS: 2686-1977	1 Cum	570
		AUTOCLAVED CONCRETE BLOCKS		
		(landing cost - including cost of conveyance, loading & unloading)		

1	2	3	4	5
18	BMT-A.18	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² - 600 x 200 x 100 mm	Each	48
19	BMT-A.19	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² - 600 x 200 x 150 mm	Each	70
20	BMT-A.20	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² - 600 x 200 x 200 mm	Each	94
21	BMT-A.21	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² 600 x 200 x 230 mm	Each	106
		NATURAL FLOORING STONES		
		B. (Ex-quarry price - including material VAT, loading excluding cost of conveyance, unloading & stacking)		
		LOCALLY AVAILABLE FLOORING STONES		
22	BMT-B.01	Kadapa slab 40 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	82
23	BMT-B.02	Kadapa slab 50 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	94
24	BMT-B.03	Shahabad /Tandur Rough Stone slabs of minimum of 25 mm thick	10 Sqm	817
25	BMT-B.04	Shahabad / Tandur Rough Stone slabs of minimum 40 mm thick	10 Sqm	1054
26	BMT-B.05	Polished Shahabad/ Tandur stone slabs of 15 to 18 mm thick	10 Sqm	1406
27	BMT-B.06	Polished black Kadapa slabs minimum of 15 mm thick (0.457x0.457M)	10 Sqm	1173
28	BMT-B.07	Polished Bethamcherla pure (marble type) white stone minimum 25 mm thick (0.254Mx0.254M)	10 Sqm	3281
29	BMT-B.08	Polished Bethamcherla coloured stone minimum 25 mm thick (0.254Mx0.254M)	10 Sqm	2344
		NATURAL FLOORING STONES - GRANITE		
30	BMT-B.09	High Polished Granite 16 to 18 mm thick up to 2.43 M other than black/premium colours	1 Sqm	2707
31	BMT-B.10	High Polished Granite 16 to 18 mm thick up to 2.43 M other than black and regular colours	1 Sqm	2353
32	BMT-B.11	High Polished Granite 16 to 18 mm thick up to 2.43 M black	1 Sqm	2000
		NATURAL FLOORING STONES - MARBLE		
33	BMT-B.12	Polished Marble slabs of Dongari/ Adanga/ Marodh/ Rajgangpur etc., variety of thickness between 16 mm to 20 mm of sizes from 600 mm to 900 mm	1 sqm	620
34	BMT-B.13	Polished Marble slabs of Dongari/ Adanga/ Marodh/ Rajgangpur etc., variety of thickness between 16 mm to 20 mm of sizes up to 600 mm	1 sqm	501
35	BMT-B.14	Polished Marble slabs of any variety and gang saw cut (Such as Dongari/ Adanga/ Marodh/ Rajgangpur etc) 16 mm to 20 mm (average) thick (0.610 M width of any length)	1 sqm	849
36	BMT-B.15	Polished Marble Tiles of 8 - 10 mm thickness of all sizes and varieties	1 sqm	405
37	BMT-B.16	Granite stone tiles 8 mm thick (mirror polished of all shades)	1 sqm	918
		WALL & FLOOR TILES		
		C. (Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
39	BMT-C.01	Supply of Ceramic floor tiles of notless than 7.3mm thick 1st quality in all shades and designs	1 sqm	Deleted
40	BMT-C.02	Supply of Edge Cut - Rectified Ceramic floor tiles of notless than 8 mm thick 1st quality in all shades and designs	1 sqm	Deleted

1	2	3	4	5
41	BMT-C.03	Supply of decorated white background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	Deleted
42	BMT-C.04	Supply of screenprinted, decorated coloured background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	Deleted
43	BMT-C.05	Supply of decorated coloured background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	Deleted
44	BMT-C.06	Supply of 1st quality, plain white glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	Deleted
45	BMT-C.07	Supply of 1st Quality, glazed plain coloured wall tiles of any size and of 5 to 7 mm thick	1 sqm	Deleted
46	BMT-C.08	Supply of precast terrazzo tiles 20 mm thick of medium shades	1 sqm	Deleted
47	BMT-C.09	Supply of precast terrazzo tiles 20 mm thick of dark shades	1 Sqm	Deleted
48	BMT-C.10	Supply of coloured precast terrazzo tiles of 20 mm thick	1 Sqm	Deleted
49	BMT-C.11	Supply of white/ plain precast terrazzo tiles of 20 mm thick	1 Sqm	Deleted
50	BMT-C.12	Supply of grey precast terrazzo tiles of 20 mm thick	1 Sqm	Deleted
51	BMT-C.13	Supply of vitrified polished floor tiles of size not less than 900 x 900 x 10 mm thickness regular finish and normal colours	1 Sqm	Deleted
52	BMT-C.14	Supply of vitrified polished floor tiles of size not less than 795 x 795 mm x 8 mm thickness regular finish and normal colours	1 Sqm	Deleted
53	BMT-C.15	Supply of vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness glossy finish permium colours	1 Sqm	Deleted
54	BMT-C.16	Supply of vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness regular finish and normal colours	1 Sqm	Deleted
55	BMT-C.17	Supply of vitrified polished floor tiles of size not less than 400 x 400 x7mm thickness normal colours	1 Sqm	Deleted
56	BMT-C.18	Supply of glass mosaic tiles 1st quality of size 20x20x4 mm thick	1 Sqm	Deleted
57	BMT-C.19	Providing of Vitrified/ Ceramic Tile flooring for required areas using different sizes, approved colour and make fixing with synthetic/ epoxy adhesive in specified thickness with out joint including all taxes excluding cost of tiles 600 x 600 mm and above sizes tiles.	1 Sqm	Deleted
58	BMT-C.20	Providing of Vitrified/ Ceramic Tile flooring for required areas using different sizes, approved colour and make fixing with synthetic/ epoxy adhesive in specified thickness with out joint including all taxes excluding cost of tiles 400 x 400 mm and below size tiles	1 Sqm	Deleted
59	BMT-C.21	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles: 600 x 600 mm tiles with 3 mm joints width	1 Sqm	Deleted
60	BMT-C.22	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:600 x 600 mm tiles with 4 mm joints width	1 Sqm	Deleted
61	BMT-C.23	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:400 x 400 mm tiles with 3 mm joints width	1 Sqm	Deleted
62	BMT-C.24	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:400 x 400 mm tiles with 4 mm joints width	1 Sqm	Deleted
63	BMT-C.25	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	Deleted

1	2	3	4	5
64	BMT-C.26	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	Deleted
65	BMT-C.27	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	Deleted
66	BMT-C.28	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	Deleted
67	BMT-C.29	Providing Glass Mosaic tiles using specified pattern fixing with grout and approved colour of joint filling with admix cement grouting including all taxes excluding cost of tiles	1 Sqm	Deleted
68	BMT-C.30	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:600 x 600 mm tiles with 4 mm joints width	1 Sqm	Deleted
69	BMT-C.31	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:400 x 400 mm tiles with 3 mm joints width	1 Sqm	Deleted
70	BMT-C.32	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:400 x 400 mm tiles with 4 mm joints width	1 Sqm	Deleted
71	BMT-C.33	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	Deleted
72	BMT-C.34	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	Deleted
73	BMT-C.35	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	Deleted
74	BMT-C.36	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	Deleted
75	BMT-C.37	Providing Glass Mosaic tiles using specified pattern fixing with epoxy grout and approved colour of joint filling with admix cement grouting including all taxes excluding cost of tiles	1 Sqm	Deleted
76	BMT-C.38	Providing Glass Mosaic tiles using specified pattern fixing with epoxy grout and approved colour cement admix grout including all taxes excluding cost of tiles	1 Sqm	Deleted
77	BMT-C.39	Supply of design wall tiles of any colour and size other than highlighters and of thickness 8 to 10 mm including all taxes	1 Sqm	Deleted
78	BMT-C.40	Supply of design highlighters wall tiles of any colour and size and of thickness 8 to 10 mm including all taxes	1 Sqm	Deleted
79	BMT-C.41	Supply of design highlighters wall tiles of premium / radium colours and of any size and of thickness 8 to 10 mm including all taxes	1 Sqm	Deleted
80	BMT-C.42	Supply of plain exterior wall tiles of thickness 20 mm of any size for wall claddings	1 Sqm	Deleted
81	BMT-C.43	Supply of exterior design wall tiles of thickness 20 mm of any size for wall claddings	1 Sqm	Deleted
82	BMT-C.44	Supply of Plain design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	Deleted
83	BMT-C.45	Supply of textured design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	Deleted
84	BMT-C.46	Supply of premium plain design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	Deleted
85	BMT-C.47	Supply of premium textured design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	Deleted

1	2	3	4	5
86	BMT-C.48	Supply of premium plain design highlighter combination floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm but excluding highlighters	1 Sqm	Deleted
87	BMT-C.49	Supply of premium plain design highlighter combination floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm but including highlighters	1 Sqm	Deleted
88	BMT-C.50	Vitrified polished floor tiles of size not less than 1000 x 1000 x 10 mm thickness with nano technology printing and high glossy finish/ premium colours	1 Sqm	Deleted
89	BMT-C.51	Vitrified polished floor tiles of size not less than 795 x 795 mm x 8 mm thickness with nano technology printing and high glossy finish/ premium colours special series	1 Sqm	Deleted
90	BMT-C.52	Vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness with nano technology printing and glossy finish permium colours high glossy finish/ premium colours special series	1 Sqm	Deleted
91	BMT-C.53	Vitrified polished floor tiles of size not less than 900 x 900 mm x 10 mm thickness with nano technology printing and glossy finish permium colours high glossy finish/ premium colours special series	1 Sqm	Deleted
	D.	PAVING & INTERLOCKING TILES (landing cost - including cost of conveyance, loading & unloading)		
136	BMT-D.01	Supplying precast terrazzo chequered tiles conforming to IS: 13801 using marble aggregates of size 10 mm , sand, marble powder, white cement pigments etc., with terrazzo topping not less than 6 mm of tiles overall size not less than 20 mm thick of any coloured shades.	1 sqm	267
137	BMT-D.02	Chequered Terrazzo tiles of 22 mm thick (Dark shade) 0.254 M x 0.406 M	1 sqm	
138	BMT-D.03	Supplying precast terrazzo tiles conforming to IS: 13801 using marble aggregates of size 10 mm , sand, marble powder, white cement pigments etc., with terrazzo topping not less than 6 mm of tiles overall size not less than 20 mm thick white shades.	1 sqm	245
139	BMT-D.04	Supplying precast terrazzo plain tiles conforming to IS: 13801 using marble aggregates of size 10 mm , sand, marble powder, white cement pigments etc., with terrazzo topping not less than 6 mm of tiles overall size not less than 20 mm thick any coloured shades.	1 sqm	260
140	BMT-D.05	Chequered Terrazzo tiles of 30 mm thick (medium shade) 0.305 M x 0.305 M	1 sqm	Deleted
141	BMT-D.06	Supply, laying & fixing of 60 mm thick cement Mosaic reflective concrete pavers of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm	Deleted
142	BMT-D.07	Supply, laying & fixing of 30 mm thick cement Mosaic reflective concrete pavers of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm	Deleted
143	BMT-D.08	Supply of high strength Cement Concrete Designer Tiles of 30 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	Deleted
144	BMT-D.09	Supply of high strength Cement Concrete interlocking Designer Pavers of 60 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	Deleted
145	BMT-D.10	Supply of high strength Cement Concrete interlocking Designer Pavers of 80 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	Deleted
146	BMT-D.11	Supply of high strength Cement Concrete interlocking Regular Pedestrian Pavers of 60 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	Deleted

1	2	3	4	5
147	BMT-D.12	Supply of high strength Cement Concrete interlocking Regular Pedestrian Pavers of 80 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	Deleted
148	BMT-D.13	Supply of high strength Cement Concrete pre-polished ready to lay floor tiles of any colour, design and any size with 22 mm thickness including all taxes with compressive strength not less than 450 Kg/cm ² conforming to IS 516	1 Sqm	Deleted
149	BMT-D.14	Supply of high strength Cement Concrete Step tiles of regular colour, design and of 25 mm thickness including all taxes	1 Sqm	Deleted
150	BMT-D.15	Supply of high strength Cement Concrete pre-polished Step tiles of any premium colour, design and of 25 mm thickness including all taxes	1 Sqm	Deleted
151	BMT-D.16	Supply of Cement Concrete interlocking cement grade finish non-reflective Pavers of 60 mm thickness and dumbell, zig-zag, I-block shapes etc., inclusive of all taxes	1 Sqm	Deleted
152	BMT-D.17	Supply of Cement Concrete interlocking cement grade finish non-reflective Pavers of 80 mm thickness and dumbell, zig-zag, I-block shapes etc., inclusive of all taxes	1 Sqm	Deleted
153	BMT-D.18	Supply of Cement Concrete interlocking cement grade finish non-reflective Pavers of 100 mm thickness and dumbell, zig-zag, I-block shapes etc., inclusive of all taxes	1 Sqm	Deleted
		TIMBER & ROOFING MATERIALS		
	E.	(Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
		<i>Note: Before proposing the Teak Wood Items, the estimating authorities shall obtain prior approval from the competent authority</i>		
168	BMT-E.01	Medium Teak Wood scantlings: up to 2.0 M	1 cum	68107
169	BMT-E.02	Medium Teak Wood scantlings: 2.0 to 3.0 M	1 cum	75675
170	BMT-E.03	Medium Teak Wood scantlings: above 3.0 M	1 cum	83243
171	BMT-E.04	Medium Teak Wood Plancks: any thickness	1 cum	136215
172	BMT-E.05	Best Teak Wood scantlings: up to 2.0 M	1 cum	117297
173	BMT-E.06	Best Teak Wood scantlings: 2.0 to 3.0 M	1 cum	124864
174	BMT-E.07	Best Teak Wood scantlings: above 3.0 M	1 cum	132432
175	BMT-E.08	Best Teak Wood Plancks: any thickness	1 cum	147567
176	BMT-E.09	Burma Teak Wood scantlings: up to 2.0 M	1 cum	161178
177	BMT-E.10	Burma Teak Wood scantlings: 2.0 to 3.0 M	1 cum	165781
178	BMT-E.11	Burma Teak Wood scantlings: above 3.0 M	1 cum	174367
179	BMT-E.12	Burma Teak Wood Plancks: any thickness	1 cum	188810
180	BMT-E.13	Assam Teak Wood scantlings: any length	1 cum	43207
181	BMT-E.14	Assam Teak Wood Plancks: any thickness	1 cum	62652
182	BMT-E.15	Sal Wood scantlings: any length	1 cum	44213
183	BMT-E.16	Sal Wood Plancks: any thickness	1 cum	58952
184	BMT-E.17	A.C sheet Corrugated 6 mm thick	1 sqm	189

1	2	3	4	5
185	BMT-E.18	A.C sheet plain 4 m thick	1 sqm	135
186	BMT-E.19	A.C sheet plain 6 m thick	1 sqm	140
187	BMT-E.20	Plain or Corrugated Galvanized iron sheets as per IS 277 (0.1 mm to 0.8 mm thickness)	1 kg	51
	F.	MILD, GALVANIZED & STAINLESS STEEL (Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
190	BMT-F.01	Mild Steel Hallow single rebate general putpose door frames manufactured using cold roll formed process steel sheet of 1.25 mm thick bright (Cold Rolled Close Annealed (CRCA) and profile-B of size 105 x 60 mm conforming to IS 4351 - 2003 including pretreatment, phosphating with Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. for both single and double shutter doors	1 Rm	321
191	BMT-F.02	Country Nails	1 Kg	52
192	BMT-F.03	Wire Nails	1 Kg	52
193	BMT-F.04	Mild Steel Tubes & pipes of all diameters as per IS-1161	1 Kg	52
194	BMT-F.05	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & diameters - 202 Grade	1 Kg	deleted
195	BMT-F.06	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & diameters for - 304 Grade	1 Kg	332
196	BMT-F.07	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type A - IOWA Type Designation as per standard specification	1 Kg	70
197	BMT-F.08	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type B - Glidden Type Designation as per standard specification	1 Kg	70
198	BMT-F.09	Expanded metal sheets as per IS-412-1962- Light Weight-25 mm(SWM)x75 mm (LWM)3.25 mm Wide and 1.25 mm thick	1 Sqm	124
199	BMT-F.10	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	124
200	BMT-F.11	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	124
201	BMT-F.12	Expanded metal sheets as per IS-412-1962- Medium Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 1.60 mm thick	1 Sqm	170
202	BMT-F.13	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	170
203	BMT-F.14	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	170
204	BMT-F.15	Expanded metal sheets as per IS-412-1962- Heavy Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 2.24 mm thick	1 Sqm	194
205	BMT-F.16	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	194
206	BMT-F.17	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	194
207	BMT-F.18	Galvanized Iron fly proof wire mesh of not less than 20 gauge	1 Sqm	185

1	2	3	4	5
208	BMT-F.19	Stainless steel fly proof wire mesh of not less than 20 gauge	1 Sqm	448
209	BMT-F.20	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	406
210	BMT-F.21	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	321
211	BMT-F.22	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 3"x3" (76 mm x 76 mm) - 8 Gauge	1 Sqm	274
212	BMT-F.23	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 4"x4" (102 mm x 102 mm) - 8 Gauge	1 Sqm	203
213	BMT-F.24	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	489
214	BMT-F.25	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	406
215	BMT-F.26	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 3"x3" (76 mm x 76 mm) - 8 Gauge	1 Sqm	334
216	BMT-F.27	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 4"x4" (102 mm x 102 mm) - 8 Gauge	1 Sqm	261
217	BMT-F.28	Rabbit wire mesh (chicken mesh) of not less than 30 gauge	1 Sqm	14
218	BMT-F.29	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths, interlocked together through their entire length and jointed together at the ends by end-locks, mounted on specially designed pipe shaft of 50mm dia nominal bore MS B class pipe with brackets, plates, guide channels, stoppers, bottom locking plates and arrangements for inside & outside locking with push-pull operations including cost of hood cover and springs complete, painted with one coat of approved steel primer, locks, ball bearings, all accessories etc complete for finished item of work as per special spn: 1108	1 Sqm	2433
219	BMT-F.30	Supplying & fixing collapsible steel shutters with vertical, double channel of 20 x10x2 mm of 100 mm centre ,Bracers with flat iron 40x40x6 mm with 38 mm dia steel pulleys, the top, bottom and side vertical frames of the collapsible gate with 65x65mmx8mm MS Angle and middle guide rail at site height with 65mmx8mm MS flat for the pulleys to guide and fixed with necessary hold fasts, bolts, nuts, rivets, locking arrangements, stoppers, handles, all accessories all fixtures and painted with one coat of approved steel primer etc., complete for finished item of work as per special spn 1105	1 Sqm	2128
220	BMT-F.31	Powder Coated Mild Steel Hallow single rebate door frames manufactured using cold roll formed process steel sheet of 1.25 mm thick bright (Cold Rolled Close Annealed (CRCA) and profile size of 105 x 60 mm conforming to IS 4351 - 2003 including pretreatment, Galvanized as per IS:277, zinc phosphating finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 60 – 65 microns(Dry film thickness)Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame with Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. for both single and double shutter doors	1 RM	592

1	2	3	4	5
221	BMT-F.32	Supply and Fixing Door Frames made of Skin pass galvanized Iron Sheet (conform to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams/ Sq.mtr) with pure polyester powder coating of 60 - 65 Microns (Dry Film thickness) manufactured from 1.2 mm thick galvanized steel sheet formed to single rebate profile of size 100 mm x 58 mm fitted with "TEE" anchors and supplied to knock down /welded form with Miter Joint for Bolted Assembly at site, cleaned and coated with Polyurethane powder coating of thickness 65 – 75 microns (Dry Film Thickness) & Oven Baked at 200 Degree Centigrade for Wood Grain finish, Stainless Steel Ball Bearing Butt Hinges of 102 x 76 x 3mm thick fixed flush to the frame	1 RM	deleted
222	BMT-F.33	Supply and Fixing Door Frames made of Skin pass galvanized Iron Sheet (conform to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams/ Sq.mtr) with pure polyester powder coating of 60 - 65 Microns (Dry Film thickness) manufactured from 1.2 mm thick galvanized steel sheet formed to double rebate profile of size 148 mm x 58 mm fitted with "TEE" anchors and supplied to knock down /welded form with Miter Joint for Bolted Assembly at site, cleaned and coated with Polyurethane powder coating of thickness 65 – 75 microns (Dry Film Thickness) & Oven Baked at 200 Degree Centigrade for Wood Grain finish, Stainless Steel Ball Bearing Butt Hinges of 102 x 76 x 3mm thick fixed flush to the frame	1 RM	deleted
G. FIXTURES FOR DOORS & WINDOWS				
232	BMT-G.01	Brass Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	151
233	BMT-G.02	Brass Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	221
234	BMT-G.03	Brass Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	295
235	BMT-G.04	Brass Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	366
236	BMT-G.05	Brass Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	451
237	BMT-G.06	Aluminium Tower Bolt-10 mm Bolt (IS:204) 75 mm Long	Each	65
238	BMT-G.07	Aluminium Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	81
239	BMT-G.08	Aluminium Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	97
240	BMT-G.09	Aluminium Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	120
241	BMT-G.10	Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	145
242	BMT-G.11	Aluminium Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	168
243	BMT-G.12	Aluminium Tower Bolt-10 mm Bolt (IS:204) 350 mm Long	Each	454
244	BMT-G.13	Aluminium Tower Bolt-10 mm Bolt (IS:204) 450 mm Long	Each	575
245	BMT-G.14	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	22
246	BMT-G.15	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	32
247	BMT-G.16	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	48
248	BMT-G.17	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	64
249	BMT-G.18	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	79

1	2	3	4	5
250	BMT-G.19	Brass Butt hinges (IS:205)- 75 mm Long	Each	62
251	BMT-G.20	Brass Butt hinges (IS:205)- 100 mm Long	Each	204
252	BMT-G.21	Brass Butt hinges (IS:205)- 125 mm Long	Each	247
253	BMT-G.22	Brass Butt hinges (IS:205)- 150 mm Long	Each	326
254	BMT-G.23	Aluminium Butt hinges (IS:205)- 75 mm Long	Each	94
255	BMT-G.24	Aluminium Butt hinges (IS:205)- 100 mm Long	Each	112
256	BMT-G.25	Aluminium Butt hinges (IS:205)- 125 mm Long	Each	135
257	BMT-G.26	Aluminium Butt hinges (IS:205)- 150 mm Long	Each	140
258	BMT-G.27	MS-Powder Coated Butt hinges (IS:205)- 75 mm Long	Each	10
259	BMT-G.28	MS-Powder Coated Butt hinges (IS:205)- 100 mm Long	Each	20
260	BMT-G.29	MS-Powder Coated Butt hinges (IS:205)- 125 mm Long	Each	29
261	BMT-G.30	MS-Powder Coated Butt hinges (IS:205)- 150 mm Long	Each	37
262	BMT-G.31	Aluminium Door Handles (IS:208) 75 mm Long	Each	64
263	BMT-G.32	Aluminium Door Handles (IS:208) 100 mm Long	Each	71
264	BMT-G.33	Aluminium Door Handles (IS:208) 125 mm Long	Each	107
265	BMT-G.34	Aluminium Door Handles (IS:208) 150 mm Long	Each	119
266	BMT-G.35	MS-Powder Coated Door Handles (IS:208) 125 mm Long	Each	29
267	BMT-G.36	MS-Powder Coated Door Handles (IS:208) 150 mm Long	Each	43
268	BMT-G.37	Brass Aldrop (IS:2681) 300 mm long	Each	1092
269	BMT-G.38	Brass Aldrop (IS:2681) 350 mm long	Each	2103
270	BMT-G.39	Brass Aldrop (IS:2681) 450 mm long	Each	2995
271	BMT-G.40	Aluminium Aldrop (IS:2681) 200 mm long	Each	280
272	BMT-G.41	Aluminium Aldrop (IS:2681) 250 mm long	Each	332
273	BMT-G.42	Aluminium Aldrop (IS:2681) 300 mm long	Each	361
274	BMT-G.43	MS-Powder Coated Aldrop (IS:2681) 200 mm long	Each	98
275	BMT-G.44	MS-Powder Coated Aldrop (IS:2681) 250 mm long	Each	128
276	BMT-G.45	MS-Powder Coated Aldrop (IS:2681) 300 mm long	Each	154
277	BMT-G.46	Brass Door Stoppers	Each	168
278	BMT-G.47	Brass Windows Stay	Each	190
279	BMT-G.48	Aluminium Flat Latches: 200 mm long	Each	135
280	BMT-G.49	Aluminium Flat Latches: 250 mm long	Each	152

1	2	3	4	5
281	BMT-G.50	Aluminium Flat Latches: 300 mm long	Each	160
282	BMT-G.51	MS-Powder Coated Flat Latches: 250 mm long	Each	49
283	BMT-G.52	MS-Powder Coated Flat Latches: 300 mm long	Each	62
284	BMT-G.53	MS-Powder Coated - Door Stoppers	Each	43
285	BMT-G.54	Supply & fixing drapery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	RM	109
286	BMT-G.55	Supply & fixing drapery bracket - brass powder coated	pair	384
287	BMT-G.56	Deluxe window stay Aluminium	Each	122
288	BMT-G.57	Heavy duty Aluminium Door stopper	Each	54
289	BMT-G.58	Brass fancy handles 150 mm	Each	285
290	BMT-G.59	Brass fancy handles 200 mm	Each	386
291	BMT-G.60	Brass fancy handles 250 mm	Each	696
292	BMT-G.61	Brass fancy handles 300 mm	Each	889
293	BMT-G.62	Brass fancy handles 450 mm	Each	1390
294	BMT-G.63	Providing and fixing Cast Iron Body Bottle Type Hydraulic Door Closer (IS: 3564) with double speed adjustment, with necessary accessories and screws etc. complete	Each	880
295	BMT-G.64	Double action Stainless steel cover plate and cast body iron floor spring (IS 6315- Table-1)	Each	1626
296	BMT-G.65	Double action Brass cover plate and cast brass body floor spring (IS 6315- Table-1)	Each	3857
297	BMT-G.66	Heavy duty mortise lock 6/7 levers (IS:2209) with PC or CP handles complete set	Each	795
298	BMT-G.67	Heavy duty mortise lock 6/7 levers (IS:2209) with brass heavy handles	Each	2045
299	BMT-G.68	Brass latch heavy 300 mm	Each	548
300	BMT-G.69	Brass latch heavy 350 mm	Each	629
301	BMT-G.70	Brass latch heavy 450 mm	Each	830
302	BMT-G.71	Friction stay hinges for windows	Each	91
303	BMT-G.72	Keyless lockset for toilet doors with CP or PC knob handles (complete set)	Each	296
304	BMT-G.73	Keyless lock set for toilet doors with brass knob handles	Each	783
305	BMT-G.74	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete (Type-1: for width of doors up to 700 mm)	Each	1019
306	BMT-G.75	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete (Type-2: for width of doors 701 to 850 mm)	Each	1090
307	BMT-G.76	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete (Type-3: for width of doors 851 to 1000 mm)	Each	1144

1	2	3	4	5
308	BMT-G.77	Providing and fixing double action brass cast hydraulic floor spring (IS:6315-Table 1) for doors including cost of cutting floors as required, embedding in floors and S.S./ Brass cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (door weight capacity up to 130 kgs)	Each	3221
309	BMT-G.78	Providing and fixing double action brass cast hydraulic floor spring (IS:6315-Table 1) for doors including cost of cutting floors as required, embedding in floors and S.S.cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (door weight capacity up to 80 kgs)	Each	2395
310	BMT-G.79	Providing of brass cast body Floor Spring IS: 6315 sleek in size with the S.S. / Brass Cover plates of Length 320 mm x Breadth 130 mm size along with the Top Patch, Bottom Patch, Door Lock and Pivot with Double Cylinder etc. complete for Heavy duty Glass doors.	Each	10640
		H. WATER PROOFING CHEMICALS & ADMIXTURES		
		<i>Literature for usage / application of construction / water proofing materials, epoxies etc, may be obtained from manufacturers.</i>		
311	BMT-H.01	Supply of cement based Impervious Water Proofing powder compound	1 Kg	Deleted
312	BMT-H.02	Providing Tar felting roof repairs with Rainseal Felt/ Zori-felt BT or equivalent duly applying one coat of appropriate grade of bitumen in hot condition @ 0.2 Kg/1Sqm of roof area, fixing tar felt (Manufactures to IS 1322/1972 specification), applying second coat of appropriate grade of hot bitumen at 1.20 Kg/1Sqm of roof area and spreading course aggregate (sand) at 0.063 cum per 1 Sqm of roof area finished item	1 Sqm	Deleted
313	BMT-H.03	Providing waterproofing treatment by supplying and applying Rainseal HDP 1500 /ROOFSHIELD-1500 OR ZORISHIELD-1500 equivalent (1.50 mm thickness, 2.25Kg per Sq. Mt and 20 X1 Mtr. roll with a centre core of 90 micron thickness HMHDPE film) Water Proofing Membrane. A) apply one coat of Bituminous Emulsion, first coat of bituminous grade 85/25, fix "Rainseal HDP 1500/ROOFSHIELD-1500 OR equivalent " water proofing membrane, apply second coat of Bitumen grade 90/15 after sealing all the joints and abutments with a Gas torch and apply one coat of Rainseal SAP-BITUMINOUS ALUMINIUM PAINT for heat resistance for finished item	1 Sqm.	Deleted
314	BMT-H.04	Providing chemical waterproof treatment with Brick bat coba & chemical cement mortars to exposed RCC roof slab surfaces to required slopes mixed with Conproof NO.1/ Rain Proof No 1/Zoriproof (100 mL Per Bag of 50 Kgs Cement) waterproofing chemical compound, laid over roof slab and brickbat coba treatment in chemical cement mortar 100 mm thick at the centre and 80 mm thick at the edges finished smooth with a floating coat of chemical mixed cement mortar as per the manufacturer specification including cost and conveyance of all materials like sand, chemical-Conproof NO.1/ Rain Proof No 1 Zoriproof (100 mL Per Bag of 50 Kgs Cement) waterproofing compound, water etc., to site, including seigniorage charges and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth curing including rounding off junctions of wall and slab etc., complete for finished item of work (with a guarantee of 10 years)	1 Sqm	Deleted

1	2	3	4	5
315	BMT-H.05	Providing chemical waterproof treatment with Brick bat coba & chemical cement mortars to exposed RCC roof slab surfaces to required slopes mixed with – Conproof NO.1/ Rain Proof No 1/Zoriproof (100 ML Per Bag of 50 Kgs Cement) waterproofing chemical compound, laid over roof slab and brickbat coba treatment in chemical cement mortar 80 mm thick at the centre and 60 mm thick at the edges finished smooth with a floating coat of chemical mixed cement mortar as per the manufacturer specification including cost and conveyance of all materials like sand, chemical –Conproof NO.1/ Rain Proof No 1/Zoriproof (100 mL Per Bag of 50 Kgs Cement) waterproofing compound, water etc., to site, including seigniorage charges and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth curing including rounding off junctions of wall and slab etc., complete for finished item of work (with a guarantee of 10 years)	1 Sqm	Deleted
316	BMT-H.06	Construction Chemicals, Epoxy & Admixtures - Chloride free water reducing and plasticizing admixture : Consplax/ Conflow SNP1 Zoriplast (Dosage : 20 ml Per Bag of 50 Kgs Cement) or equivalent	1 litre	Deleted
317	BMT-H.07	High strength Acrylic blended plasticizer and Water reducing agent - Roofplast HS 100/ Conflow SNP20 or Zoriplast HS (Dosage : 400 ml to 500 ml Per Bag of 50 Kgs Cement)	1 litre	Deleted
318	BMT-H.08	Quick setting, rapid hardening and water proofing compound - : Rapidstrong QS/Conflow SNPA or ZorirapidR or Equivalent (Dosage : 1 to 3 Ltrs per bag of 50 Kgs Cement depending on the setting time required).	1 litre	Deleted
319	BMT-H.09	Chloride free super plasticizer for high range water reducing admixture : Roofplast SP 35/Conflow SNS I or Zoriplast SP 350 (Dosage: 200 ml to 500 ml per bag of 50 Kgs Cement) or equivalent.	Litre	Deleted
320	BMT-H.10	Chloride free super plasticizer for high early strength and high range water reducing admixture : Roof plast SP 45/Conflow SNS 2 or Zoriplast SP 450 (Dosage: 200 ml to 500 ml per bag of 50 Kgs Cement) or equivalent.	Litre	Deleted
321	BMT-H.11	Set accelerator and plasticizer: Roofplast SCA/ Conflow SNA or Zoriset or Equivalent (Dosage:1 Kg to 3 Kgs per bag of 50 Kgs Cement depending on the setting time required)	Kgs	Deleted
322	BMT-H.12	Chloride free High power slump retaining and retarding plasticizer: Roofplast RT5/Conflow SNR or Zoriplast RT5 (Dosage: 15ml to 40 ml per bag of 50 Kgs Cement) or Equivalent.	Litre	Deleted
323	BMT-H.13	Air Entraining Agent: Roofplast AEA/ Conflow SNE or Zoriplast AEA (Dosage : 5ml to 25 ml per bag of 50 Kgs Cement) or Equivalent (Dosage : 15ml per Bag of 50 Kgs Cement)	Litre	Deleted
324	BMT-H.14	Chloride free super plasticizer, high range water reducing and retarding admixture - Roofplast SR5/Conflow SNS-3 SPL or Zoriplast SRT5 (Dosage : 300 ml to 400 ml per bag of 50 Kgs Cement) or equivalent	Litre	Deleted
325	BMT-H.15	Retarding super plasticizer: Conflow SNS-3 or Accelerating Plasticizers : Roofplast SA/ Zoriplast AC (Dosage : 500 ml to 1 Ltr per bag of 50 Kgs Cement) or Equivalent.	Litre	Deleted
326	BMT-H.16	Waterproof Cement Mortar Plasticizer : Roofpalst MP/ Morflow SN 1 or Zoriplast MP (Dosage : 100 ml per bag of 50 Kgs Cement) or Equivalent.	Litre	Deleted
327	BMT-H.17	Integral Cement Waterproofing Compound : Conproof No.1/ Rainproof No.1/Conflow SNW1 or Zoriproof (Liquid Form) (Dosage : 100 ml Per Bag of 50 Kgs Cement)	Litre	Deleted
328	BMT-H.18	Integral Cement Waterproofing Compound :Conproof No.1/ Rainproof No.1/Conflow SNW2 or Zoriproof (Powder Form) (Dosage : 500 Grams per bag of 50 Kgs Cement) or Equivalent.	Kg	Deleted
329	BMT-H.19	High plasticizing cement waterproofing liquid based on naphtha lane formaldehyde : Conproof LW 200/ Rainproof LW SPL/Conflow SNW2 - 750 Gms or Zorishield 200 or Equivalent. (Dosage:200 ml per Bag of 50 Kgs Cement)	Litre	Deleted

1	2	3	4	5
330	BMT-H.20	Block Admixture: Roofplast BA/ Conflow SNB or Zoriplast BA (Dosage: 20 ml to 25ml per bag of 50 Kgs Cement) or Equivalent.	Litre	Deleted
331	BMT-H.21	Sprayed Concrete Accelerator: Shotset SN1 or Roofplast SA/ Zoriset SCA or Equivalent (Dosage : 500 ml – 2.5 Ltrs/bag of Cement).	Kg	Deleted
332	BMT-H.22	Surface treatment water Based high power curing compounds: Curaid SN1 or Roofexcure WB/Zoricure WB (Coverage : 5-6 Sq. Mtrs / Ltr / Coat) or Equivalent.	Litre	Deleted
333	BMT-H.23	Concrete wax based pigmented curing compound : Curaid SN2 or Roofexcure WX/ Zoricure SB or Equivalent. (Coverage : 4-5 Sq. Mtrs / Ltr / Coat)	Litre	Deleted
334	BMT-H.24	Formwork & Mould Treatment: Roofcare MRA/ Shutterol SNU or Zorislip or Equivalent. (Coverage: 1 Ltr Zorislip will cover approx 20 to 30 m2 on method and material of the form)	Litre	Deleted
335	BMT-H.25	Cleaning and acid etching agents: Tilex Kleen AC/ Uniklen SN1 or Zorikleen AC or Equivalent.	Litre	Deleted
336	BMT-H.26	Ready to use universal degreasing and cleaning agents:Tilex Kleen DA/ Uniklen SN2 or Zorikleen DA or Equivalent.	Litre	Deleted
337	BMT-H.27	Liquid Cleaning Agent: Tilex Kleen LC/ Uniklen SN3 or Zorikleen LC or Equivalent.	Litre	Deleted
338	BMT-H.28	Non-shrink Free flow high strength injection grout : Rapidstrong Grout GP2/ Expacrete SN50 or Zorigrout GP 2 or Equivalent. (Yield 13.5 Ltrs Per 25 Kgs Bag).	Kg	Deleted
339	BMT-H.29	Non-shrink Free flow grout: Rapidstrong Grout GP3/Expacrete SN70 or Zorigrout GP 3	Kg	Deleted
340	BMT-H.30	Non-shrink Free flow grout: Rapidstrong Grout GP4/ Expacrete SN90 or Zorigrout GP 4	Kg	Deleted
341	BMT-H.31	High strength cementitious non-shrink Free flow grout : Rapidstrong Grout Admix/ Expacem SN2 or Zorigrout GP 1 or Equivalent. (250 Gms per Bag of 50 Kgs Cement).	1 Kg pack	Deleted
342	BMT-H.32	Low viscosity Epoxy resin injection grout (Two parts) :Rapidstrong Grout EP/Expacrete SNE 1 or Zorigrout EP or Equivalent.(Density 1.07 Kg Per Ltr)	Kg	Deleted
343	BMT-H.33	Epoxy Resin Grouts:Rapidstrong Grout EP3/ Expacrete SNE 3 or Zorigrout EP 3 or Equivalent.	Kg	Deleted
344	BMT-H.34	High Power Polyester Resin Anchor Grout: Rapidstrong Grout AG/Anchorset SN1 or Zorifix or Equivalent. (Yield 0.5 Ltrs / 1 Kg Pack)	Kg	Deleted
345	BMT-H.35	High strength, high polyester resin grouts – Rapidstrong AG Pride/Anchorset SN2 or Zorifix XL or Equivalent. (Yield 0.5 Ltrs / 1 Kg Pack)	Kg	Deleted
346	BMT-H.36	Non-metalic Floor Hardeners : Rapidstrong NH/Flortop SNC or Zorifloor DH or Equivalent. (Coverage : May be applied at rate 3.5 Kgs /m2 over green concrete for normal traffic & 6-12 Kg / M2 for heavy traffic. Higher application rates yield better abrasion resistance)	Kg	Deleted
347	BMT-H.37	Non oxidizing, heavy duty metallic Floor Hardeners:Rapidstrong FM/ Flortop SNS or Zorifloor NH or Equivalent.	Kg	Deleted
348	BMT-H.38	Epoxy Floor coating: Procoat SNF or Food neutral Epoxy waterproof / damproof coating : Roofcare EP/ Zoricoat EP or Equivalent. (Coverage : 70 to 80 SFT / Per Ltr / coat)	Kg	Deleted
349	BMT-H.39	Polysulphide modified epoxy coatings: Procoat SNS or Roofcare EPS/Zoricoat EPS or Equivalent (Coverage : 250 to 300 Gms / M2 and forms a DFT of 175 to 200 Micron)	Kg	Deleted
350	BMT-H.40	Essenputty SNE or Epoxy putty - Roofcrete Putty EP/ Zoriputty EP or Equivalent	Kg	Deleted
351	BMT-H.41	Zincrich epoxy resin primer - Roofguard ZP/Procoat SNZ or Zoriguard ZP or Equivalent (Coverage : 4-5 Sq.Mtr. /Ltr / Coat)	Kg	Deleted
352	BMT-H.42	Chemical resistance, fungus resistance water based polyurethane sterile coating : Roofcare PU/ Procoat SNL or Zoristerile or Equivalent (Coverage : 60 to 65 SFT / 2 Coats / Ltr)	Pack	Deleted

1	2	3	4	5
353	BMT-H.43	Solvent free chemical resistant Epoxy self leveling (for food and pharmaceutical industry) Flooring system: Armstrong FL-SL/Flortop SNSL or Zorifloor SL or Equivalent. (8.25 to 0.30 M2 / Kg mix with 2mm thickness)	Kg	Deleted
354	BMT-H.44	Self leveling self smoothing water based epoxy floor topping : Armstrong FL-SLW/Flortop SNSL-SPL or ZORIFLOOR SLW - 1.5- 3mm or Equivalent (Coverage : 4.5m2 / 17 Kg Pack @ 2mm thickness depending on the substrate)	Kg	Deleted
355	BMT-H.45	High build heavy duty epoxy resin floor coating : Armstrong HBF/ Flortop SNM or Zorifloor HB or Equivalent. (Coverage : Base coat 10- 12 m2/ 5 Kg @ 250 microns DFT)	Kg	Deleted
356	BMT-H.46	Epoxy based repair mortar / concrete : Roofcrete EP/ Flortop SNFM or Zoricrete EP or Equivalent.	Litre	Deleted
357	BMT-H.47	Solvent free Epoxy resin primer for floor coatings : Florcoat SNP or Roofbond EP Primer/ Zoriprime EP or Equivalent. (Coverage : 3 Kg unit covers about 13m2 for DFT of about 120 micron.)	Pack	Deleted
358	BMT-H.48	Solvent free epoxy resin primer for protective coatings – Procoat SNC or Roofbond EPF Primer/ Zoriprime EPF or Equivalent (Coverage : 3 Kg unit covers about 13m2 for DFT of about 120 micron.)	Pack	Deleted
359	BMT-H.49	Epoxy Primer for floor coatings and protective coatings - Procoat SNP or Roofbond EFC Primer/ Zoriprime EFC or Equivalent.	Pack	Deleted
360	BMT-H.50	Epoxy primer for Hibond floor & protective coatings : Procoat SNP2 or Roofbond EFC2 Primer/ Zoriprime EFC 2	Pack	Deleted
361	BMT-H.51	Cementitious Micro concrete Repair products: Repcrete SNC or Roofcrete MC/Zoricrete MC or Equivalent.	Kg	Deleted
362	BMT-H.52	Repair Products:Repcrete SNE1 or Epoxy mortar - Roofcrete EP/Zoricrete EPM or Equivalent	Kg	Deleted
363	BMT-H.53	Under water epoxy resin system for repair products : Repcrete SNW or Roofcrete EUW/Zoricrete EUW or Equivalent.	Kg	Deleted
364	BMT-H.54	Under water epoxy resin system mortar – Repcrete SNW Mortar or Roofcrete EUW/Zoricrete EMU	Kg	Deleted
365	BMT-H.55	Fast setting cement based plugging compound - Uniplug SN or Wonderseal Plug/Zoriplug or Equivalent (Powder Form : mix with water direct application)	Kg	Deleted
366	BMT-H.56	High durable cementitious acrylic based two pack Waterproofing systems : Aqua coat SNF or Roofbond RFX/Zoriccoat RX or Equivalent. (12 – 14 m2 in two coats to achieve 1mm thickness)	Kg	Deleted
367	BMT-H.57	Water Repellents: Aquarepel SN1 or Water based silicon water repellent, Nano technology - Rain care WR/ Zoripel WB or Equivalent	Litre	Deleted
368	BMT-H.58	Tile Adhesives: Tilegrip SNU or Tilex/ Zorimix or Equivalent. (At 3mm thickness 7-9 Sgm / 25 Kgs)	Kg	Deleted
369	BMT-H.59	Acrylic based Bonding Adhesives: Conbond SNA or Roofbond PB/ Zoribond PB or Equivalent. (Mix: 1:1 ratio of cement 50 SFT / Ltr /coat depending on the substrate)	Litre	Deleted
370	BMT-H.60	Epoxy based Bonding adhesive: Conbond SNE or Roofbond EP/Zoribond EP or Equivalent. (Coverage : 20 – 25 SFT / Kg /Coat)	Pack	Deleted
371	BMT-H.61	Supply of anti-corrosion admixture inhibitor liquid as per Central Electro Chemical Research Institute developed specification and licensee of Concure or Concure Plus or Equivalent (300 ml to 500 ml per Bag of 50 Kgs Cement)	Litre	Deleted
372	BMT-H.62	HI-BOND: Concrete Plasticizers: HI-PLAST 01 or Roofbond High plast (Dosage : 100 ml Per Bag of 50 Kgs Cement)	Litre	Deleted
373	BMT-H.63	Concrete Plasticizers: HI-PLAST 02 or Roofbond High plast – 2 (Dosage : 200 ml per bag of 50 Kgs Cement)	Litre	Deleted
374	BMT-H.64	Concrete Plasticizers: HI-PLAST PA or Roofbond AC	Litre	Deleted
375	BMT-H.65	Super Plasticizers: HI-PLAST SP or Roofbond SP 30	Litre	Deleted
376	BMT-H.66	Super Plasticizers: HI-PLAST SP AR or Roofbond SP 40	Litre	Deleted

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377	BMT-H.67	Accelerating Plasticizers: HI-PLAST AR or Concrete plasticizing, water reducing and accelerating admixture - Roofbond PA (Dosage: 500 ml to 1000 ml Per Bag of 50 Kgs Cement) or Equivalent.	Litre	Deleted
378	BMT-H.68	Retarding Plasticizers: HI-PLAST RT or Roofbond RT 30	Litre	Deleted
379	BMT-H.69	Air Entraining Agents: HI-PLAST A.E or Roofbond AEA	Litre	Deleted
380	BMT-H.70	Retarding Super Plasticizers: HI-PLAST SP RT or Roofbond SR 30	Litre	Deleted
381	BMT-H.71	HI-PLAST RSP or Roofbond SR 40 or Equivalent.	Litre	Deleted
382	BMT-H.72	Mortar Plasticizers: HI-PLAST MP or Roofbond MP (Dosage : 100 ml Per Bag of 50 Kgs Cement)	Litre	Deleted
383	BMT-H.73	Integral Water Proofing compounds: HI-PROOF (L) or Liquid Concentrated Micronized Cement Waterproofing Compound : Roofguard 500/Roofbond 500 (Dosage : 500 ml per bag of 50 Kgs Cement) or Equivalent.	Litre	Deleted
384	BMT-H.74	HI-PROOF (P) or Conproof P/Roofbond - P or Equivalent (Dosage : 1 Kg Per Bag of 50 Kgs Cement).	Kg	Deleted
385	BMT-H.75	or Roofbond 750 or Equivalent	Litre	Deleted
386	BMT-H.76	Block Admixtures: HI-ADMIX or Roofbond BA or Equivalent (Dosage : 20 ml Per bag of 50 Kgs Cement)	Litre	Deleted
387	BMT-H.77	Sprayed Concrete Accelerators: HI-ACCEL or Roofbond SA or Equivalent. (Dosage : 50 Grams to 1 Kg Per Bag of 50 Kgs Cement)	Kg	Deleted
388	BMT-H.78	Surface Treatments curing compounds: HI-CURE 01 or Roofex WB /Roofcoat/ Zoricoat	Litre	Deleted
389	BMT-H.79	Surface Treatments Polyurethane curing compounds: HI-CURE 02 or Roofex WXB/ Roofcare PU/ Zoricoat PU	Litre	Deleted
390	BMT-H.80	Surface Treatments Crystalline Repair Products: HI-CRM or Roofex GP2 or Zoripex Equivalent	Kg	Deleted
391	BMT-H.81	Polyurethane Sealent - Roofseal PU/ Zoriseal PUHI-CRM EX or Roofex EC or Equivalent	Kg	Deleted
392	BMT-H.82	Polyurethane Sealent - Roofseal PS/ Zoriseal PS/HI-CRM EXW or Roofex EW or Equivalent.	Kg	Deleted
393	BMT-H.83	Structural graded polymer modified reinstatement concrete / mortar – Roofcrete AR/ Zoricrete CMG or Equivalent	Kg	Deleted
394	BMT-H.84	Water Proofing: Liquid applied single component, elastomeric waterproofing membrane coating with -Rain seal/ Zoricoat XL or Equivalent. (Coverage : 50 to 60 SFT Per Ltr / Coat) (for brush / spray application add 20% water per Ltr) As a primer coat application dilute with water @ of 1 : 1 ratio recommended.	Litre	Deleted
395	BMT-H.85	Water Repellents: Solvent based silicon water repellent compound - Roofcare WR/Zoripel SB or Equivalent. (Direct application)	Litre	Deleted
396	BMT-H.86	Tile Adhesives: HI-ADHESIVE or High strength tile adhesive (tile on tile) : Tilex Grout Hi- Grip/ Zorimix Hi-Grip or Equivalent. (At 3mm thickness 7-9 Sqm / 25 Kgs)	Kg	Deleted
397	BMT-H.87	Supply of Concacre-XL Anti Corrosion and leak proof Crack Proof ,Water Proof ,Concrete Hardener Admixture liquid Dosage (200 ml to 250 ml per Bag of Cement	Litre	Deleted
398	BMT-H.88	HI-FIX Epoxy tile mortar - Tilex EH/ Zorimix EH or Equivalent	Kg	Deleted
399	BMT-H.89	HI-BOND Wall Putty Normal or Grey cement based Gypsum Plaster – Wallstrong GP/Zoritek GP or Equivalent (Coverage : 35 to 40 SFT per bag of 40 Kgs Pack)	Kg	Deleted
400	BMT-H.90	HI-BOND Wall Putty Fine or Portland cement based plaster finish surface for interior – Wallstrong PC/ Zoritek PC or Equivalent.	Kg	Deleted
401	BMT-H.91	HI-BOND Wall Putty Super Fine or Acrylic based ready to use surface (white / off white) -Wallstrong WC/ Zoritek WC or Equivalent. (At 1.5 to 2mm thickness 100 - 125 SFT Per Bag of 25 Kgs Pack)	Kg	Deleted

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402	BMT-H.92	HI-BOND Wall Putty Super Fine (Water Resistant) or Smooth crack free, water resistant finish plaster Wallstrong WP/ Zoritek WP or Equivalent	Kg	Deleted
403	BMT-H.93	BITUMINOUS HOT SEALING COMPOUND: Grade 'A' I.S.I excluding ST or Rainseal BS/ Zoriseal BS Grade 'A' or Equivalent	1 Kg	Deleted
404	BMT-H.94	Bitumen solution primer of approved quality: Rainseal BT primer/ Zoriprime BT or Equivalent.	1 Kg	Deleted
405	BMT-H.95	Tarfelt Rainseal Felt/ Zorifelt BT Type : 2 Grade : 1 or Equivalent	1 sqm	Deleted
406	BMT-H.96	Supply and application of Liquid admixture for concrete with high resistance against water ingress and having surface active agents & refined lignosulphonate Rheomac 707 of BASF	1 Litre	Deleted
407	BMT-H.97	Supply and application of two component acrylic modified cementitious system for forming coating to waterproof and resurface concrete, masonry and other construction materials waterproof and flexible coating MASTERSEAL 550 GREY of BASF	1 Kg	Deleted
408	BMT-H.98	Supply and application of Elastomeric flexible two component polymers modified cementitious system for forming waterproof coating on concrete, masonry & other construction material up to 2mm thick MS550 EL membrane and reinforced with 100% virgin polypropylene woven fabric MASTERSEAL 550 EL of BASF	1 Kg	Deleted
409	BMT-H.99	Supply and application of grey cementitious powder polymer additive and cement-based adhesive for fixing ceramic & vitrified wall and floor tiles, quarry tiles and similar materials MASTERTILE 25 of BASF	1 Kg	Deleted
410	BMT-H.100	Supply and application of premixed, non-metallic, ready to use powder, designed for application as a dry shake over freshly floated concrete floors or floor screeds to obtain a monolithic floor with enhanced abrasion resistance MASTERTOP 100 (GREY) of BASF	1 Kg	Deleted
411	BMT-H.101	Supply and application of synthetic polymers to impart rheoplastic qualities to concrete RHEOBUILD 920 (SH) of BASF	1 Kg	Deleted
412	BMT-H.102	Supply of Concare-Plus Admixture Anti Corrosion and leak proof Weather Proof, Concrete Hardener Admixture. Dosage (200 ml to 250 ml per Bag of Cement)	1 Litre	Deleted
413	BMT-H.103	Supply of Concare-LP polymer based, leak proof, Admixture liquid, dosage (250 ml to 300 ml per Bag of Cement)	1 Litre	Deleted
414	BMT-H.104	Supply Con- life –Water Proof, Leak Proof, Concrete Hardener, Rust Proof, Admixture Liquid Dosage (200 ml to 250 ml per Bag of Cement)	1 Litre	Deleted
415	BMT-H.105	Supply of Contech – 2000 bio Product (Powder) Anti Corrosion leak proof, Crack Proof ,Chemical Resistant, whether proof, inhibitor liquid. Dosage (5 to 10% of cement weight Cement) and 15% in serve environmental Condition like marine structures / coastal structures and chemical structures, Godowns, effect	1 Kg	Deleted
416	BMT-H.106	Supply of Con – Cura Self Curing Agent Admixture for Concrete. Dosage (100 ml – 250ml per bag (50kgs) of cement depending on the atmospheric temperature and humidity)	1 Litre	Deleted
417	BMT-H.107	Supply of Con – Grout Epoxy Pourable Crack / Gap Filling Grout System. Dosage (Varies with climate, Site / Substrate Status. Average density is 1.20 Kg / ltr (System)	1 Kg	Deleted
418	BMT-H.108	Supply of Con Mix – XL Liquid super Plasticizer And Waterproofing With Anti Corrosive properties. Dosage (100 ml – 1ltr Per bag (50Kg)of Cement) Dosage Should be finalized after initial site trials	1 Litre	Deleted
		<i>Approved brands, area of application, dosage etc have been appended to this SoR for the guidance for preparation of estimates only. However, literature for usage/ application of construction/ water proofing materials, epoxies etc, may be obtained from the manufacturers, while in execution.</i>		
	I.	GLASS (Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
466	BMT-I.01	Plain Float Glass 4 mm thick	1 sqm	375

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467	BMT-I.02	Plain Float Glass 5 mm thick	1 sqm	474
468	BMT-I.03	Plain Float Glass 6 mm thick	1 Sqm	589
469	BMT-I.04	Plain Float Glass 8 mm thick	1 Sqm	793
470	BMT-I.05	Plain Float Glass 10 mm thick	1 Sqm	834
471	BMT-I.06	Plain Float Glass 12 mm thick	1 Sqm	1001
472	BMT-I.07	Tinted - Bronze/ Green Glass 4 mm thick	1 sqm	438
473	BMT-I.08	Tinted - Bronze/ Green Glass 5 mm thick	1 sqm	548
474	BMT-I.09	Tinted - Bronze/ Green Glass 6 mm thick	1 Sqm	656
475	BMT-I.10	Tinted - Bronze/ Green Glass 8 mm thick	1 Sqm	939
476	BMT-I.11	Tinted - Bronze/ Green Glass 10 mm thick	1 Sqm	1094
477	BMT-I.12	Tinted - Bronze/ Green Glass 12 mm thick	1 Sqm	1315
478	BMT-I.13	Pin headed Glass 4 mm thick	1 sqm	281
479	BMT-I.14	Pin headed Glass 5 mm thick	1 sqm	366
480	BMT-I.15	Frosted / Ground Glass 4 mm thick	1 sqm	505
481	BMT-I.16	Frosted / Ground Glass 5 mm thick	1 sqm	635
482	BMT-I.17	Toughened Plain Glass 5 mm (including Glass)	1 sqm	761
483	BMT-I.18	Toughened Plain Glass 6 mm (including Glass)	1 sqm	879
484	BMT-I.19	Toughened Plain Glass 8 mm (including Glass)	1 sqm	1173
485	BMT-I.20	Toughened Plain Glass 10 mm (including Glass)	1 sqm	1406
486	BMT-I.21	Toughened Plain Glass 12 mm (including Glass)	1 sqm	1640
		PAINTS & POLISHES		
		J. (Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
487	BMT-J.01	Supply of water based Cement Primer of Interior Grade- 1	1 Kg	129
488	BMT-J.02	Supply of water based Cement Primer of Exterior Grade- 2	1 Kg	164
489	BMT-J.03	Supply of Red Oxide Primer Paint for iron works of Grade -1	1 Litre	111
490	BMT-J.04	Supply of Zinc Chromate Yellow Oxide Primer paint for iron works	1 Litre	159
491	BMT-J.05	Supply of Wood Primer	1 Litre	123
492	BMT-J.06	Supply of Metal paste (Putty) for steel works	1 Kg	123
493	BMT-J.07	Supply of Putty for wood work	1 Kg	123
494	BMT-J.08	Supply of White Lead	1 Kg	88
495	BMT-J.09	Supply of Synthetic clear Varnish	1 Litre	123
496	BMT-J.10	Supply of Spirit	1 Litre	87
497	BMT-J.11	Supply of Linseed Oil	1 Litre	49
498	BMT-J.12	Supply of thinner for melamine polish/ french polish	1 Litre	114
499	BMT-J.13	Supply of thinner for Poly-urethene polish	1 Litre	233
500	BMT-J.14	Supply of French Polish	1 Litre	161
501	BMT-J.15	Supply of ready made Wax Polish	1 Kg	491
502	BMT-J.16	Supply of Melamine Polish	1 Litre	272
503	BMT-J.17	Supply of Interior Grade Poly-Urethene Polish	1 Litre	554
504	BMT-J.18	Supply of Exterior Grade Poly-Urethene Polish	1 Litre	677
505	BMT-J.19	Supply of wood adhesive compound	1 Kg	192
506	BMT-J.20	Supply of Dry Powder Distemper	1 Kg	37
507	BMT-J.21	Supply of acrylic based Oil Bound washable Distemper having VOC (Volatile Organic Compound) content less than 50 grams/ liter	1 Kg	70
508	BMT-J.22	Supply of synthetic polymer plastic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	Deleted
509	BMT-J.23	Supply of synthetic polymer luxury plastic emulsion paint of superior grade having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	369
510	BMT-J.24	Supply of Water proof Cement paint	1 Kg	41
511	BMT-J.25	Supply of acrylic exterior emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	153
512	BMT-J.26	Supply of water proof Cement paint pack	25 Kg	1072

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513	BMT-J.27	Supply of paint grade white lime for wash	25 Kg	468
514	BMT-J.28	Supply of anti-corrosive grade - 1 bitumen paint of black colour	1 Litre	444
515	BMT-J.29	Supply of grade-1 aluminium paint	1 Litre	221
516	BMT-J.30	Supply of ready mixed Synthetic Enamel paints in all shades Grade - I having VOC (Volatile Organic Compound) content less than 50 grams/liter.	1 Litre	215
517	BMT-J.31	Supply of ready mixed Synthetic Enamel paints in all shades Grade - II having VOC (Volatile Organic Compound) content less than 50 grams/liter.	1 Litre	164
518	BMT-J.32	Deleted		Deleted
519	BMT-J.33	Deleted		Deleted
520	BMT-J.34	Deleted		Deleted
521	BMT-J.35	Deleted		Deleted
522	BMT-J.36	Deleted		Deleted
523	BMT-J.37	Deleted		Deleted
524	BMT-J.38	Deleted		Deleted
525	BMT-J.39	Deleted		Deleted
526	BMT-J.40	Supply of wall putty of White Cement or Polymer or Cement based	20 Kg	682
527	BMT-J.41	Altek / PMCC or Equivalent top coat high UV resistant exterior paint	25 Kg	Deleted
528	BMT-J.42	PMCC / Deco orient base or Equivalent exterior Texture.	25 Kg	780
529	BMT-J.43	PMCC or Equivalent Gold line Exterior Texture	25 Kg	1014
530	BMT-J.44	Deleted	1 Sqm	Deleted
	BMT-J.45	Deleted	1 Sqm	Deleted
531	BMT-J.46	Deleted	1 Sqm	Deleted
532	BMT-J.47	Deleted	1 Sqm	Deleted
533	BMT-J.48	Deleted	1 Sqm	Deleted
534	BMT-J.49	Deleted	1 Sqm	Deleted
535	BMT-J.50	Deleted	1 Sqm	Deleted
536	BMT-J.51	Deleted	1 Sqm	Deleted
		PARTICLE BOARDS		
		K. (Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
539	BMT-K.01	Plain Particle Board: Interior Grade - 6 mm thick	1 Sqm	Deleted
540	BMT-K.02	Plain Particle Board: Interior Grade - 8 mm thick	1 Sqm	Deleted
541	BMT-K.03	Plain Particle Board: Interior Grade - 10 mm thick	1 Sqm	Deleted
542	BMT-K.04	Plain Particle Board: Interior Grade - 12 mm thick	1 Sqm	Deleted
543	BMT-K.05	Plain Particle Board: Interior Grade - 18 mm thick	1 Sqm	Deleted
544	BMT-K.06	Plain Particle Board: Interior Grade - 21.4 mm thick	1 Sqm	Deleted
545	BMT-K.07	Plain Particle Board: Interior Grade - 25 mm thick	1 Sqm	Deleted
546	BMT-K.08	Plain Particle Board: Interior Grade - 35 mm thick	1 Sqm	Deleted
547	BMT-K.09	Plain Particle Board: Exterior Grade- 8 mm thick	1 Sqm	Deleted
548	BMT-K.10	Plain Particle Board: Exterior Grade-12 mm thick	1 Sqm	Deleted
549	BMT-K.11	Plain Particle Board: Exterior Grade-18 mm thick	1 Sqm	Deleted
550	BMT-K.12	Plain Particle Board: Exterior Grade-21.4 mm thick	1 Sqm	Deleted

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551	BMT-K.13	Plain Particle Board: Exterior Grade-25 mm thick	1 Sqm	Deleted
552	BMT-K.14	Plain Particle Board: Exterior Grade-35 mm thick	1 Sqm	Deleted
553	BMT-K.15	Melamine faced Single Deco PPB- 8 mm thick	1 Sqm	590
554	BMT-K.16	Melamine faced Single Deco PPB- 12 mm thick	1 Sqm	670
555	BMT-K.17	Melamine faced Single Deco PPB- 18 mm thick	1 Sqm	776
556	BMT-K.18	Melamine faced Single Deco PPB- 25 mm thick	1 Sqm	879
557	BMT-K.19	Melamine faced Single Deco PPB- 35 mm thick	1 Sqm	1463
558	BMT-K.20	Melamine faced Twin Deco PPB- 8 mm thick	1 Sqm	679
559	BMT-K.21	Melamine faced Twin Deco PPB- 12 mm thick	1 Sqm	776
560	BMT-K.22	Melamine faced Twin Deco PPB-18 mm thick	1 Sqm	898
561	BMT-K.23	Melamine faced Twin Deco PPB-25 mm thick	1 Sqm	995
562	BMT-K.24	Melamine faced Twin Deco PPB-35 mm thick	1 Sqm	1869
563	BMT-K.25	Natural Colour-Insulating Board - 12 mm thick	1 Sqm	220
564	BMT-K.26	Natural Colour-Insulating Board - 18 mm thick	1 Sqm	325
565	BMT-K.27	Natural Colour-Insulating Board - 25 mm thick	1 Sqm	414
566	BMT-K.28	White Insulating Board - 12 mm thick	1 Sqm	268
567	BMT-K.29	White Insulating Board - 18 mm thick	1 Sqm	383
568	BMT-K.30	White Insulating Board - 25 mm thick	1 Sqm	341
569	BMT-K.31	Extra for veneered particle Board with commercial veneering on both sides.	1 Sqm	Deleted
570	BMT-K.32	Extra for veneered particle Board with Veneering on both sides with one side teak veneered and other side commercial veneered	1 Sqm	Deleted
571	BMT-K.33	Extra for veneered particle Board with Teak veneering on both sides	1 Sqm	Deleted
572	BMT-K.34	Medium Fibre Board: Interior Grade - 6 mm thick	1 Sqm	359
574	BMT-K.35	Medium Fibre Board: Interior Grade - 8 mm thick	1 Sqm	407
575	BMT-K.36	Medium Fibre Board: Interior Grade - 12 mm thick	1 Sqm	545
576	BMT-K.37	Medium Fibre Board: Interior Grade - 15 mm thick	1 Sqm	693
577	BMT-K.38	Medium Fibre Board: Interior Grade - 18 mm thick	1 Sqm	773
578	BMT-K.39	Medium Fibre Board: Interior Grade - 25 mm thick	1 Sqm	1098
579	BMT-K.40	Medium Fibre Board: Interior Grade - 30 mm thick	1 Sqm	1327
580	BMT-K.41	Medium Fibre Board: Interior Grade - 35 mm thick	1 Sqm	1447
581	BMT-K.42	Medium Fibre Board: Exterior Grade - 6 mm thick	1 Sqm.	488
582	BMT-K.43	Medium Fibre Board: Exterior Grade - 8 mm thick	1 Sqm.	569

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583	BMT-K.44	Medium Fibre Board: Exterior Grade - 12 mm thick	1 Sqm.	753
584	BMT-K.45	Medium Fibre Board: Exterior Grade - 15 mm thick	1 Sqm.	946
585	BMT-K.46	Medium Fibre Board: Exterior Grade - 18 mm thick	1 Sqm.	1059
586	BMT-K.47	Medium Fibre Board: Exterior Grade - 25 mm thick	1 Sqm.	1411
587	BMT-K.48	Medium Fibre Board: Exterior Grade - 30 mm thick	1 Sqm.	1758
588	BMT-K.49	Medium Fibre Board: Exterior Grade - 35 mm thick	1 Sqm.	2077
589	BMT-K.50	MDF Board: Plain-Interior - 9 mm thick	1 Sqm	329
590	BMT-K.51	MDF Board: Plain-Interior - 12 mm thick	1 Sqm	374
591	BMT-K.52	MDF Board: Plain-Interior - 18 mm thick	1 Sqm	463
592	BMT-K.53	MDF Board: Plain-Interior - 25 mm thick	1 Sqm	556
593	BMT-K.54	MDF Board: Plain-Interior - 30 mm thick	1 Sqm	847
594	BMT-K.55	MDF Board: Plain-Interior - 35 mm thick	1 Sqm	1002
595	BMT-K.56	MDF Board: Plain-Exterior - 9 mm thick	1 Sqm	431
596	BMT-K.57	MDF Board: Plain-Exterior - 12 mm thick	1 Sqm	463
597	BMT-K.58	MDF Board: Plain-Exterior - 18 mm thick	1 Sqm	608
598	BMT-K.59	MDF Board: Plain-Exterior - 25 mm thick	1 Sqm	762
599	BMT-K.60	MDF Board: Plain-Exterior - 30 mm thick	1 Sqm	1002
600	BMT-K.61	MDF Board: Plain-Exterior - 35 mm thick	1 Sqm	1155
601	BMT-K.62	MDF Board: Interior-One Side Laminated -9 mm thick	1 Sqm	516
602	BMT-K.63	MDF Board: Interior-One Side Laminated -12 mm thick	1 Sqm	583
603	BMT-K.64	MDF Board: Interior-One Side Laminated -18 mm thick	1 Sqm	679
604	BMT-K.65	MDF Board: Interior-One Side Laminated -25 mm thick	1 Sqm	762
605	BMT-K.66	MDF Board: Interior-One Side Laminated -30 mm thick	1 Sqm	1102
606	BMT-K.67	MDF Board: Interior-One Side Laminated -35 mm thick	1 Sqm	1176
607	BMT-K.68	MDF Board: Exterior-One Side Laminated -9 mm thick	1 Sqm	593
608	BMT-K.69	MDF Board: Exterior-One Side Laminated -12 mm thick	1 Sqm	666
609	BMT-K.70	MDF Board: Exterior-One Side Laminated -18 mm thick	1 Sqm	755
610	BMT-K.71	MDF Board: Exterior-One Side Laminated -25 mm thick	1 Sqm	882
611	BMT-K.72	MDF Board: Exterior-One Side Laminated -30 mm thick	1 Sqm	1176
612	BMT-K.73	MDF Board: Exterior-One Side Laminated -35 mm thick	1 Sqm	1249
613	BMT-K.74	MDF Board: Interior-Both Side Laminated -9 mm thick	1 Sqm	590

1	2	3	4	5
614	BMT-K.75	MDF Board: Interior-Both Side Laminated -12 mm thick	1 Sqm	666
615	BMT-K.76	MDF Board: Interior-Both Side Laminated -18 mm thick	1 Sqm	762
616	BMT-K.77	MDF Board: Interior-Both Side Laminated -25 mm thick	1 Sqm	958
617	BMT-K.78	MDF Board: Interior-Both Side Laminated -30 mm thick	1 Sqm	1176
618	BMT-K.79	MDF Board: Interior-Both Side Laminated -35 mm thick	1 Sqm	1249
619	BMT-K.80	MDF Board: exterior-Both Side Laminated -9 mm thick	1 Sqm	666
620	BMT-K.81	MDF Board: exterior-Both Side Laminated -12 mm thick	1 Sqm	754
621	BMT-K.82	MDF Board: exterior-Both Side Laminated -18 mm thick	1 Sqm	892
622	BMT-K.83	MDF Board: exterior-Both Side Laminated -25 mm thick	1 Sqm	975
623	BMT-K.84	MDF Board: exterior-Both Side Laminated -30 mm thick	1 Sqm	1234
624	BMT-K.85	MDF Board: exterior-Both Side Laminated -35 mm thick	1 Sqm	1323
625	BMT-K.86	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-6 mm thick	1 sqm	221
626	BMT-K.87	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 8 mm thick	1 sqm	296
627	BMT-K.88	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 10 mm thick	1 sqm	371
628	BMT-K.89	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 12 mm thick	1 sqm	456
629	BMT-K.90	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 16 mm thick	1 sqm	602
630	BMT-K.91	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 20 mm thick	1 sqm	734
631	BMT-K.92	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 25 mm thick	1 sqm	921
632	BMT-K.93	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 30 mm thick	1 sqm	1119
633	BMT-K.94	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 40 mm thick	1 sqm	1495
634	BMT-K.95	PRE LAMINATED CEMENT BONDED PARTICLE BOARD-6 mm thick	1 sqm	498
635	BMT-K.96	PRE LAMINATED CEMENT BONDED PARTICLE BOARD-8 mm thick	1 sqm	545
636	BMT-K.97	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 10 mm thick	1 sqm	583
637	BMT-K.98	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 12 mm thick	1 sqm	639
638	BMT-K.99	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 16 mm thick	1 sqm	714
639	BMT-K.100	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 6mm thick	1 sqm	272
640	BMT-K.101	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 8mm thick	1 sqm	329
641	BMT-K.102	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 10mm thick	1 sqm	404
642	BMT-K.103	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 12mm thick	1 sqm	498
643	BMT-K.104	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 16mm thick	1 sqm	658
644	BMT-K.105	Cement Bonded Board conforming to IS:14862-2000 - 4mm Thick	1 Sqm	139

1	2	3	4	5
645	BMT-K.106	Cement Bonded Board conforming to IS:14862-2000 - 6mm Thick	1 Sqm	199
646	BMT-K.107	Cement Bonded Board conforming to IS:14862-2000 - 8mm Thick	1 Sqm	256
647	BMT-K.108	Cement Bonded Board conforming to IS:14862-2000 - 10mm Thick	1 Sqm	294
648	BMT-K.109	Cement Bonded Board conforming to IS:14862-2000 - 12mm Thick	1 Sqm	367
649	BMT-K.110	Cement Bonded Board conforming to IS:14862-2000 - 14mm Thick	1 Sqm	410
650	BMT-K.111	Cement Bonded Board conforming to IS:14862-2000 - 16mm Thick	1 Sqm	466
651	BMT-K.112	Cement Bonded Board conforming to IS:14862-2000 - 18mm Thick	1 Sqm	529
652	BMT-K.113	Cement Bonded Board conforming to IS:14862-2000 - 20mm Thick	1 Sqm	561
653	BMT-K.114	Laminate Sheets - Glossy Finish: 1.00 mm thick	1 Sqm	343
654	BMT-K.115	Laminate Sheets - Glossy Finish: 1.50 mm thick	1 Sqm	491
	BMT-K.116	Laminate Sheets - Glossy Finish: 1.80 mm thick	1 Sqm	538
655	BMT-K.117	Laminate Sheets - Mat Finish: 1.00 mm thick	1 Sqm	364
656	BMT-K.118	Laminate Sheets - Mat Finish: 1.50 mm thick	1 Sqm	507
657	BMT-K.119	Laminate Sheets - Mat Finish: 1.80 mm thick	1 Sqm	547
658	BMT-K.120	Teak Veneer Lamination - 4 mm thick - Pencil Grains	1 Sqm	383
659	BMT-K.121	Teak Veneer Lamination - 4 mm thick - Natural Grains	1 Sqm	705
660	BMT-K.122	8 mm thick V-Designer Board	1 Sqm	346
661	BMT-K.123	50 mm thick V-PANEL	1 Sqm	911
662	BMT-K.124	75 mm thick V-PANEL	1 Sqm	1093
		PLYWOOD		
	L.	(Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
663	BMT-L.01	3 Ply - 4 mm thick Plywood(IS:303) MR Grade	1 Sqm	346
664	BMT-L.02	5 Ply - 6 mm thick Plywood(IS:303) MR Grade	1 Sqm	382
665	BMT-L.03	5 Ply - 8 mm thick Plywood(IS:303) MR Grade	1 Sqm	449
666	BMT-L.04	5 Ply - 9 mm thick Plywood(IS:303) MR Grade	1 Sqm	449
667	BMT-L.05	9 Ply - 12 mm thick Plywood(IS:303) MR Grade	1 Sqm	563
668	BMT-L.06	9 Ply - 15 mm thick Plywood(IS:303) MR Grade	1 Sqm	829
669	BMT-L.07	9 Ply - 18 mm thick Plywood(IS:303) MR Grade	1 Sqm	813
670	BMT-L.08	3 Ply - 4 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	395
671	BMT-L.09	5 Ply - 6 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	464
672	BMT-L.10	5 Ply - 8 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	578
673	BMT-L.11	5 Ply - 9 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	546
674	BMT-L.12	9 Ply - 12 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	713
	BMT-L.13	9 Ply - 15 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	1025
675	BMT-L.14	9 Ply - 19 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	1028
676	BMT-L.15	3 Ply-4 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	512
677	BMT-L.16	5 Ply - 6 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	667

1	2	3	4	5
678	BMT-L.17	5 Ply - 9 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	855
679	BMT-L.18	9 Ply - 13 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1088
680	BMT-L.19	5 Ply - 9 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1115
681	BMT-L.20	9 Ply - 12 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1300
		M. CEILINGS, WALL PARTITIONS & WALL LININGS		
682	BMT-M.01	Gypsum Board tiles of size notless than 0.595 M x 0.595 M of 12.5 mm thick as per IS 2095 -1992	1 Sqm	239
683	BMT-M.02	Gypsum Board tiles of size notless than 0.595 M x 0.595 M of 9 mm thick as per IS 2095 -1992	1 Sqm	233
684	BMT-M.03	Gypsum Board Plain sheet 12.5 mm thick as per IS 2095 -1993	1 Sqm	211
685	BMT-M.04	G.I. Ceiling Angle - 25 mm x 10 mm x 0.55 mm	1 RM	63
686	BMT-M.05	G.I. Ceiling Section 51.5 mm x 26 mm x 10.5 mm x 0.55 mm thick	1 RM	72
687	BMT-M.06	G.I. Intermediate Section 45 mm x 15 mm x 15 mm x 0.9 mm	1 RM	71
688	BMT-M.07	G.I. Perimeter Channel - 20 mm x 27 mm x 30 mm (web) of 0.55 mm thick	1 RM	63
689	BMT-M.08	G.I.-Precoated Fine line Grid 25 mm x 25 mm x 0.7 mm	1 RM	35
690	BMT-M.09	G.I.-Precoated Fine line Grid 15 mm x 25 mm x 0.7 mm	1 RM	31
691	BMT-M.10	GI - Precoated - T-Sec- 24 mm x 38 mm x 0.7 mm thick	1 RM	46
692	BMT-M.11	Hot dipped GI Angle - Precoated - Grid: 19 mm x 19 mm	1 RM	34
693	BMT-M.12	Polyester painted GI - T Section - 24 x 32 mm	1 RM	43
694	BMT-M.13	Polyester painted GI - T Section - 24 x 25 mm	1 RM	38
695	BMT-M.14	Polyester painted GI - T Section - 24 mm x 27 mm	1 RM	39
696	BMT-M.15	Aluminium Angle : 24 mm x 24 mm	1 RM	22
697	BMT-M.16	Anodised Aluminium T Section : 24 x 24.5 x 2.4 mm	1 RM	29
698	BMT-M.17	Connecting Clips	1 Each	2
699	BMT-M.18	Rawl Plug	1 Each	2
700	BMT-M.19	6 mm Nylon Rawl Plug	1 Each	3
701	BMT-M.20	Soffit Cleats	1 Each	2
702	BMT-M.21	Drywall Screws - 25 mm	1 Each	2
703	BMT-M.22	Jointing Compound	1 Kgs	25
704	BMT-M.23	Jointing Paper Tape	1 RM	4
705	BMT-M.24	Drywall Top Coat	1 Litre	121
706	BMT-M.25	Universal Holding Clips	1 Each	3
707	BMT-M.26	4 mm Dia GI Connecting Rod	1 RM	10

1	2	3	4	5
708	BMT-M.27	2 mm Dia GI Connecting Rod	1 RM	9
709	BMT-M.28	14 mm - Mineral Fiber sheet 600 x 600 of Board / Tegular Edge tiles with a Humidity Resistance of 80% RH, Average NRC 0.50, Light Reflectance >80%, Thermal Conductivity $\lambda = 0.052$ to 0.057 w/mk, Fire Performance Class 0/Class 1	1 Sqm	502
710	BMT-M.29	15 mm - Mineral Fiber sheet 600 x 600 of Board / Tegular Edge tiles with a Humidity Resistance of 90% RH, Average NRC 0.50, Light Reflectance >80%, Thermal Conductivity $\lambda = 0.052$ to 0.057 w/mk, Fire Performance Class 0/Class 1	1 Sqm	587
711	BMT-M.30	16 mm - Tegular Edge 600 x 600 of Board / Tegular/ Micro look Edge tiles with a Humidity Resistance of 99% RH, Average NRC 0.60, Light Reflectance >88%, Thermal Conductivity $\lambda = 0.052$ to 0.057 w/mk, Fire Performance Class 0/Class 1	1 Sqm	632
712	BMT-M.31	12 mm - Mineral Fiber sheet 600 x 600 (Square / Tegular) Edge tiles	1 Sqm	388
713	BMT-M.32	15 mm - Mineral Fiber sheet 600 x 600 (Square / Tegular) Edge tiles	1 Sqm	Deleted
714	BMT-M.33	Perforated wall panels channeled wood works sheets of width 128 mm, thickness of 16mm and length 2440 mm made of a high density particle board substrate with a laminated facing as per the approved shade/ Species & Finish and a melamine balancing layer on the reverse side, with a special perforation pattern fluted perforation on the visible surface with a minimum sag resistance of RH90 and a fire rating class of 1 as per Part 7 of BS 476 with a "tongue-and-grooved" edges and the back of the perforated panel is with sound absorbing non-woven acoustical fleece	1 Sqm	2328
715	BMT-M.34	Vinyl Flooring Sheets/ tiles having a nominal total thickness of 2 mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, color pigments with wearing resistance and Fire Resistance as per standards	1 Sqm	723
716	BMT-M.35	Vinyl Composition Floor Tiles of size 305 mm x 305 mm having an overall thickness of 2.0mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, color pigments with wearing resistance and Fire Resistance as per standards	1 Sqm	454
717	BMT-M.36	Vinyl Flooring Sheets or tiles having a nominal total thickness of 1.5 mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, color pigments with wearing resistance and Fire Resistance as per standards	1 Sqm	328
718	BMT-M.37	Supply of Thermocole 12 mm thick sheets	1 Sqm	22
719	BMT-M.38	Supply of Thermocole 19 mm thick sheets	1 Sqm	39
720	BMT-M.39	Supply & fixing 75mm thick metal stud partition using 12.5 mm thick Gypboard conforming to IS 2095-1982 screw fixed to either side to 48 mm studs of 0.55 mm thick with the 50 mm floor and ceiling channel 0.55 mm and the joints duly finished with joint compound, paper tape and two coats Dry wall top coat as per specification.	1 Sqm	953
721	BMT-M.40	Providing wooden panelling 12 mm thick Novapan one side laminated sheet fixed on wooden frame of BT wood size 50.8 mm x 25.4 mm (2"x1") at distance of 609.6mm (2'-0") intervals of both ways providing 3/4" x 1/2" (19.05 mm x 12.7 mm) size BT wood ornamental cover beading and necessary screws, fevicol glue complete for finished item of work.	1 Sqm	1411

1	2	3	4	5
722	BMT-M.41	Supply , manufacturing , installing of library Rack of 19 mm thick ISI marked commercial ply All round boxing verticals, Horizontal for depth of 609.6mm (2'-0) and shelves with 3.5 mm thick teak veneer covered with on exposed surface externally and internally and each panels with 6mm thick ISI commercial ply with 3.5 mm thick teak veneer for glazed shutters teak wood size 55 mm x 28mm with 5 mm thick glass fixed with ornamental beading and other ornamental beading is covered as per drawing including brass hinges, ornamental handles, ball catchers, buffers, locking system etc, and all the commercial ply exposed edges are to be covered with 6 mm thick teak wood lipping. All the teak veneer and teak wood and ornamental beading is coated with polishing and a coat of melamine finish etc, complete for finished item of work.	1 Sqm	Deleted
725	BMT-M.42	Calcium Silicate Boards - 6mm thick	1 Sqm	179
726	BMT-M.43	Calcium Silicate Boards - 8mm thick	1 Sqm	239
727	BMT-M.44	Calcium Silicate Boards - 10mm thick	1 Sqm	300
728	BMT-M.45	Calcium Silicate Boards - 12mm thick	1 Sqm	359
729	BMT-M.46	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work-using 8mm thick Calcium silicate boards	1 Sqm	1127
730	BMT-M.47	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work - Using 10mm thick Calcium silicate boards	1 Sqm	1261
731	BMT-M.48	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work - Using 12mm thick Calcium silicate boards	1 Sqm	1395
732	BMT-M.49	Supply and fixing of wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: using 8mmthick Calcium silicate boards	1 Sqm	668
733	BMT-M.50	Supply and fixing of wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: Using 10mm thick Calcium silicate boards	1 Sqm	736
734	BMT-M.51	Supply and fixing of wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: Using 12mm thick Calcium silicate boards	1 Sqm	803

1	2	3	4	5
735	BMT-M.52	Supply and Fixing 66mm thick metal stud partition using 2 layers of 12mm thick Calcium silicate boards screw fixed to either side to 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm. The boards joints are to be staggered to avoid through passage. Ceramic wool of 50mm thick, 64kg/m ³ density is to be placed in cavity of the partition. The joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification with out painting for finished item of work	1 Sqm	3745
736	BMT-M.53	Supplying and fixing of false ceiling using Plaster of paris Boards 12 mm thick with standard GI ceiling angles, sections perimeter channels including cost and conveyance of all materials and labour charges etc complete	1 Sqm	385
737	BMT-M.54	Supplying and fixing of false ceiling using Plaster of paris Boards 10 mm thick with standard GI ceiling angles, sections perimeter channels including cost and conveyance of all materials and labour charges etc complete	1 Sqm	321
738	BMT-M.55	Designer ceiling Cement Boards -thickness 3.2 mm	1 Sqm	202
739	BMT-M.56	High pressure steam cured Cement Boards 4 mm thick	1 Sqm.	108
740	BMT-M.57	High pressure steam cured Cement Boards 6 mm thick	1 Sqm.	162
741	BMT-M.58	High pressure steam cured Cement Boards 8 mm thick	1 Sqm.	215
742	BMT-M.59	High pressure steam cured Cement Boards 10 mm thick	1 Sqm.	270
743	BMT-M.60	High pressure steam cured Cement Boards 12 mm thick	1 Sqm.	324
744	BMT-M.61	High pressure steam cured Cement Boards 14 mm thick	1 Sqm.	377
745	BMT-M.62	High pressure steam cured Cement Boards 16 mm thick	1 Sqm.	432
746	BMT-M.63	High pressure steam cured Cement Boards 18 mm thick	1 Sqm.	485
747	BMT-M.64	High pressure steam cured Cement Boards 20 mm thick	1 Sqm.	540
748	BMT-M.65	High pressure steam cured designer Cement Boards 4 mm thick	1 Sqm.	159
749	BMT-M.66	High pressure steam cured designer Cement Boards 6 mm thick	1 Sqm.	234
750	BMT-M.67	Supply and fixing of wall panelling (water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick E-board / 6 mm thick E-board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. - With 8 mm	1 Sqm.	712
751	BMT-M.68	Supply and fixing of wall panelling (water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick E-board / 6 mm thick E-board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. - With 6 mm Designer	1 Sqm.	759

1	2	3	4	5
752	BMT-M.69	Supply and fixing double skin partition with Frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the E-board of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving 3 mm gap between two panels of width 2'-0" (610 mm). The gap will be covered with decorative moulding surface will be given a smooth finish over cement primer. The rate is inclusive of cost and conveyance of all materials and labour charges etc. complete.	1 Sqm.	1043
753	BMT-M.70	Providing and fixing of 50mm thick SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick non-asbestos fibre reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x50x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x50x38mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 50mm SOLID WALL PANELS, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete	1 sqm	1412
754	BMT-M.71	Providing and fixing of 75mm thick SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick non-asbestos fibre reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x75x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x75x38mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 75mm SOLID WALL PANEL panels, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete.	1 Sqm.	1685
755	BMT-M.72	Supply and fixing of CEMENT BONDED PARTICLE BOARDS (IS 14276) false ceiling using 8MM CEMENT BONDED PARTICLE BOARDS with galvanized and pre painted steel T section of size 24mm x 38mm x 0.3 mm for main T duty pre punched to accept cross T section of size 24mm x 30mm x 0.3 mm duly punched at both ends for insertion into main T. The grid size will be 610mm x 610mm. The frame work (grid) is suspended to the roof by using G.I flat of 0.60mm or 14-gauge G.I wire with necessary fixers to the roof and frame work. CEMENT BONDED PARTICLE BOARDS lay on the grid. The cost inclusive of necessary hardware, labor, one coat of primer (Both side) and two coats of smooth finish on visible side.	1 Sqm	884

1	2	3	4	5
756	BMT-M.73	Supply and fixing CEMENT BONDED PARTICLE BOARDS(IS 14276) wall paneling using 10 MM CEMENT BONDED PARTICLE BOARDS with frame work made of GI stud section of size 48mm x 35mm x 0.55mm thick placed at every 610 mm C/C intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. CEMENT BONDED PARTICLE BOARDS is to be fixed to frame by means of self taping screws placed at every 300 mm intervals leaving 3mm gap between two panels. The cost inclusive of one coat of Altek primer and two coats of Altek smooth finish and cost & conveyance of all materials, labor charges etc. complete as per the direction of Engineer in charge.	1 Sqm	1166
757	BMT-M.74	Supply and fixing CEMENT BONDED PARTICLE BOARDS (IS 14276) double skin partition using with 10 MM CEMENT BONDED PARTICLE BOARDS made out of G.I. track section of size 50mmx 35mm x 0.55 mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm intervals horizontally fixed to the wall by means of self expansion screws and caps to the wall and roof. CEMENT BONDED PARTICLE BOARDS is to be fixed both sides of frame work by using self taping screws fixed at every 300mm intervals to the frame work leaving 3 mm gap between two panels. The cost inclusive with one coat of Alltek primer and two coats of Alltek smooth finish and cost and conveyance of all materials to site, labor charges etc., complete as per the direction of Engineer in charge.	1 Sqm	1703
758	BMT-M.75	Supply and fixing of CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS double skin partition using with 10 mm CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS made out of G.I track section of size 50 mm x 35mm x 0.55mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm internals horizontally. The frame is fixed by means of self expansion screws and caps to the wall / roof. LAM is to be fixed both sides of the frame work by using 2mm thick electro plated CR flat section leaving 3mm gap between two panels. The cost inclusive of cost and conveyance of all materials to sites, other materials incidentals and labour charges as per the direction of Engineer in charges.	1 Sqm	2346
759	BMT-M.76	Supply and fixing of CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS wall paneling using 12MM CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS with frame work made of G.I stud section of size 48mm x 35mm x 0.55mm thick placed at every 610mm intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. LAM is to be fixed to frame by means of self-taping screws placed at every 300mm intervals leaving 3mm gap between two panels. The cost inclusive of Conveyance of materials, Labor charges etc., complete as per the direction of Engineer in charge	1 Sqm	1771
760	BMT-M.77	Supply and fixing of CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS aluminum glazed partitions using 10MM CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS and 5.00 mm thick plain glass to full height. Using with LAM to a height of 0.91 meter at bottom panel and remaining height with glass and aluminum sections anodized to 12 to 15 microns and of sections of size 37mm x 62mm and 1.5mm thickness with one meter centre to centre duly fixed with clip beading on both sides including fixing the frame to pillars by M.S. flats, bolts and nuts including cost and conveyance of all materials etc., complete as directed during execution.	1 Sqm	2921

1	2	3	4	5
761	BMT-M.78	<p>Providing and fixing 50mm thick SEMI HEIGHT SOLID PVC PARTITION consisting of 49mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet(E.P.S.-Thermocole) stuck on both side with 2mm thick plain/printed /prelam PVC rigid foam sheets reinforced with frame work made from 35mmX5mm M.S. Angle. In between two M.S. Angles 5mm thick plain/printed/prelam heat moulded "Rajshri" PVC 'C' channel of size 50X100mm with feathered edges shall be fixed on the floor & 50X75mm with feathered edges plain/printed /prelam PVC 'C' channel. In between adjoining EPS sandwiched PVC partitions panel 5mm thickX75mm width plain/printed/prelam PVC sheet feathered at edges shall be stuck on front & back face using solvent cement etc. in places where two partitions meet to form an 'L' shape the panels are joined 5mm thick plain/printed/prelam heat moulded "Rajshri" PVC 'L' section of size 75mmX75mm with feathered edges shall be fixed on front & back side. This is done to maintain the symmetry of design. An additional 5mm thick PVC strip of 40mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive, complete as per direction of Engineer-in-Charge, manufacture's specification & drawing</p>	1 sqm	2576
762	BMT-M.79	<p>Providing and fixing INSULATED PVC WALL PANELING shall consist of PVC insulated panels having wall thickness of 1mm /1.5mm/2mm PVC sheet and the desired thickness of EPS (dependent on the insulation required) screwed into the wall using screws of adequate length. The screws shall be placed at a distance of 150mm and shall be 25mm from the edge of the insulated panel on all from sides of the panel. The PVC strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck using solvent cement adhesive at the places where two panels are joined, so as to cover the screw of both the panels, using solvent cement. 90 heat bent strips of 5mm thick PVC sheets of width 75mm X75mm feathered at the edges shall be stuck at wall joints / pillars etc. , complete as per direction of Engineer-in-Charge, manufacture's specification & drawing</p>	1 sqm	1704
763	BMT-M.80	<p>Providing and fixing plain PVC rigid foam sheet wall panelling of thickness 5mm consisting of panels having size 1220mm X2440mm stuck on inner frame work of 25mm wide strips of 5mm thick PVC rigid foam sheet. The strips should have in their centre a groove of 6mm width and 2mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 405/407mm centre to centre. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 300mm. a groove of 2mm may be left at the joint of two panels for aesthetic looks. This framework is done for making existing wall surface in ensured level and for sticking the wall panelling sheet (panel) on it. The exact size of the panel and correspondingly of the grid May be varied depending on the size of the wall. However it must be ensured that a strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck at the places where two panels are joined, using solvent cement. , complete as per direction of Engineer-in-Charge, manufacture's specification & drawing</p>	1 sqm	1619
764	BMT-M.81	<p>Providing and fixing false ceiling consisting of 600mmX600mm, Solid PVC insulation panels having wall thickness of 1mm thick plain PVC rigid foam sheet and EPS as defined in of desired thickness depending on insulation required shall be insert in a frame work made using anodized aluminium Tee section of sizes 1"X1" (25X25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2'X2' (600X600mm). The aluminium framework is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm.M.S. rods of required sizes to maintain proper level etc. the aluminium framework is supported on side wall with the use of aluminium 1"X1" (25X25mm) angles, complete as per direction of Engineer-in-Charge, manufacture's specification & drawing</p>	1 sqm	1179

1	2	3	4	5
765	BMT-M.82	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Fissura Fine Model	1 Sqm	321
766	BMT-M.83	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Speckle Model	1 Sqm	359
767	BMT-M.84	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Textura Model	1 Sqm	397
768	BMT-M.85	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Standard Regular Edge	1 Sqm	406
769	BMT-M.86	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Fissura Fine Model	1 Sqm	416
770	BMT-M.87	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Speckle Model	1 Sqm	434
771	BMT-M.88	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Textura Model	1 Sqm	471
772	BMT-M.89	Supply and fixing of PVC false ceiling on MS/GI made skeleton framework. The frame shall be 24 X 48mm MS tube section fixed along with the wall. The entire frame work shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm with tongue and groove system, provided with necessary arrangements for electrical connections, complete, for finished item of work.	1 Sqm.	1308
773	BMT-M.90	Supply and fixing of wall panelling on the framework of wooded rippers of 24 X 24mm of required size. The entire framework shall be panelled with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm. The panels are joined with tongue and groove system. Necessary cut-outs for electrical connections to be provided at required places complete, for finished item of work.	1 Sqm.	1239
774	BMT-M.91	Supply and fixing of PVC Double Skin Partition. The entire framework shall be carried out by mild steel section having overall dimensions of 24 X 48mm with a wall thickness of 1.2mm. The entire framework shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm both sides. Glass provision/Door provision can be provided along the partition wherever required. Partitions can be made full or half as per requirement complete, for finished item of work.	Sqm.	2175
775		NCL or equivalent Partitions: Supply and fixing of partitions made of seccolor pre-painted steel (base steel as per IS 513 of 0.58 mm thick 'D' quality, galvanized as per IS 277 with Zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick alkyd backer. Section for outer frame should be 46x52mm, section for shutter should be 46x46mm, section for mullion should be 46x70mm, section for beading should be 18x25mm and section for middle and bottom rail (Lock Rail and Kick Rail) of size should be 23x130mm. The partition should be paneled with 9mm pre-laminated particle board to a height of 0.91m from the bottom, and remaining height with 5mm thick plain glass With Ethyl Propylene Diamine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket Centre mullions are to be fixed using mullion cap. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphate. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, and complete for finished item of work.		
776	BMT-M.92	Fixed Partition: Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm.	1 sqm	4477
777	BMT-M.93	Fixed Partition with Door: Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm, section for shutter should be of 46x46mm and section for middle & bottom should be of size 23x130mm	1 sqm	5105

1	2	3	4	5
778	BMT-M.94	Supply & fixing of 50 mm thick sandwiched panel of two fiber-reinforced cement sheets enclosing a lightweight concrete core composed of portland cement, binders and a mix of siliceous and micaceous material aggregate having Tongue and Groove joint for partitions and walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., as a complete item of work excluding finishing, fittings & fixtures.	Sqm.	Deleted
779	BMT-M.95	Supply & fixing of 75 mm thick sandwiched panel of two fiber-reinforced cement sheets enclosing a lightweight concrete core composed of portland cement, binders and a mix of siliceous and micaceous material aggregate having Tongue and Groove joint for partitions and walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., as a complete item of work excluding finishing, fittings & fixtures.	Sqm.	Deleted
780	BMT-M.96	Supply of sandwiched panel of two fiber-reinforced cement sheets enclosing a lightweight concrete core composed of Portland cement, binders and a mix of siliceous and micaceous material aggregate panels of 50mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	Deleted
781	BMT-M.97	Supply of sandwiched panel of two fiber-reinforced cement sheets enclosing a lightweight concrete core composed of Portland cement, binders and a mix of siliceous and micaceous material aggregate panels of 75mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	Deleted
782		Providing & fixing Pre-coated G.I. Wall angle size 22mm X 20mm X 0.4 mm thick of 3050mm long fixed to the brick wall/ partition at the perimeter of ceiling with nylon sleeves and screw at 610 mm centres. Then suspending main G...! Frame "T" section size of 32mm X 24mm X 0.30mm thick of 3600mm long from soffit in one direction with the help of Rawl Plug and G...! Wire/Rod of 3mm diameter with 1220mm centres G...! Cross "T" section of size 25mm X 24mm X 0.30mm thick of 600mm long is inserted into the slots provided in main "T" at 600mm centres to form a grid of 600mm X 600mm. 12/ 15mm tiles of size 600mm X 600mm can be laid on to the grid etc. tiles with a Humidity resistance of 95% RH, Average NRC 0.55 to 0.60, Light reflectance >85% K value 0.052-0.57, Fire performance class O/Class 1 (BS 476) along with surface 3 coats of white paint as directed by department officers.		
783	BMT-M.98	Regular Pin Holes PH-001 (Square & Tegular Edge) 12mm	1 Sqm.	Deleted
784	BMT-M.99	Fin Fisured Model FF-002 (Square & Tegular Edge) 12mm	1 Sqm.	Deleted
785	BMT-M.100	Random Holes AF-003 (Square & Tegular Edge) 12mm	1 Sqm.	Deleted
786	BMT-M.101	Random Pin Holes APH-004 (Square & Tegular edge) 12 mm	1 Sqm.	Deleted
787	BMT-M.102	Sand Face ASF-005 (Square & Tegular Edge) 12mm	1 Sqm.	Deleted
788	BMT-M.103	Regular Pin Holes PH-001 (Square & Tegular Edge) 15mm	1 Sqm.	Deleted
789	BMT-M.104	Fin Fisured Model FF-002 (Square & Tegular Edge) 15mm	1 Sqm.	Deleted
790	BMT-M.105	Random Holes AF-003 (Square & Tegular Edge) 15mm	1 Sqm.	Deleted
791	BMT-M.106	Random Pin Holes APH-004 (Square & Tegular Edge) 15 mm	1 Sqm.	Deleted
792	BMT-M.107	Sand Face ASF-005 (Square & Tegular Edge) 15mm	1 Sqm.	Deleted
793	BMT-M.108	Vinyl laminated MPL Gypsum Panels 600 X 600 X 9 mm	1 Sqm.	Deleted

1	2	3	4	5
794	BMT-M.109	Supply and fixing of wall panelling of 8 mm thick V-BOARD(IS 14862)provided with frame work made of GI stud profile of size 48 x 40 x 10 x 0.55 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self-tapping, self-embedding screws fixed around at every 300 mm (centres) leaving a 3 mm gap. The Gap will be covered with a decorative beading or jointing compound. Surface will be given a smooth finish with one coat of primer. Inclusive of all taxes.	1 Sqm	Deleted
795	BMT-M.110	Supply and fixing of wall panelling of 10 mm thick V-BOARD(IS 14862) provided with frame work made of GI stud profile of size 48 x 40 x 10 x 0.55 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self-tapping, self-embedding screws fixed around at every 300 mm (centres) leaving a 3 mm gap. The Gap will be covered with a decorative beading or jointing compound. Surface will be given a smooth finish with one coat of primer. Inclusive of all taxes.	1 Sqm	Deleted
796	BMT-M.111	Supply and fixing double skin 8mm thick V- BOARD(IS 14862) partition with Frame work made of GI stud profile of size 48x40x10x 0.55 mm thick placed at every 610 mm C/C intervals and 1220 mm horizontal intervals duly fixed with self-expansion screws, the V- Board of 8 mm thick cladded around with self-tapping self-embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap. The Gap will be covered with a decorative moulding surface will be given a smooth finish with one coat of primer. The rate Inclusive of cost and conveyance of all materials and labour charges etc., Complete.	1 Sqm	Deleted
797	BMT-M.112	Supply and installation of V-PLANKS(IS 14862) of size 150 x 3000 x 8mm manufactured by on to an existing steel structure made using Top hat profile / furring channel of 51mm web, 22mm flange of 0.5mm thick (minimum) fastened to the plastered brick wall using anchor bolts / anchor screws, spaced at every 2' (610mm). V planks are screwed to the furring channel using self-drilling screws of 8g x 25mm (minimum) at every 2' at distance of 15mm from the edge of the plank. V Planks fixing is started from the bottom, followed by next plank overlapped by 25mm on to the bottom plan thereby hiding the screws perfectly and continued up to the top. Water based cement primer should be applied to the planks before finishing with the exterior grade paints. (up to 3 floors) Above 3 floors labour charges will be extra and steel grid will change.	1 Sqm	Deleted
798	BMT-M.113	Supply and installation of V- PLANKS(IS 14862) of size 200 x 3000 x 8mm thick manufactured by on to an existing steel structure made using Top hat profile / furring channel of 51mm web, 22mm flange of 0.5mm thick (minimum) fastened to the plastered brick wall using anchor bolts / anchor screws, spaced at every 2' (610mm). V planks are screwed to the furring channel using self-drilling CSK screws of 8g x 25mm (minimum) at every 2' at distance of 15mm from the edge of the plank. V- Planks fixing is started from the bottom, followed by next plank overlapped by 25mm on to the bottom plan thereby hiding. the screws perfectly and continued up to the top. Water based cement primer should be applied to the planks before finishing with the exterior grade paints. (up to 3 floors) Above 3 floors labour charges will be extra and steel grid will change.	1 Sqm	Deleted
		DRY WALL PARTITION WITH 50 MM THICK V-PANEL		Deleted

1	2	3	4	5
799	BMT-M.114	Supply& fixing of 50 mm thick V-PANELcomprise of two 5mm thick V-Boards (asbestos-free fibre reinforced cement sheetsconforming toIS 14862) strongly bonded with core material which is light weight concrete mix of Portland cement, expanded polystyrene bead aggregates and admixture. V-Panels with unique semi-circular Tongue & Groove Joining System provides better stability, rapid installation and better workability. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 28x52x31 mm fixed to the existing floor with 6x60mm nylon self-expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.8 mm thick GI Channel of size 31 x 52 x 31 mm duly fixed to the existing ceiling with 6x60mm nylon self-expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the jointing compound in all the exposed joints. The rate includes cost of 50mm V-PANELS, G.I. Floor and ceilingChannel.	1 Sqm	Deleted
800	BMT-M.115	Supply& fixing of 75 mm thick V-PANELcomprise of two 5mm thick V-Boards (asbestos-free fibre reinforced cement sheetsconforming toIS 14862) strongly bonded with core material which is light weight concrete mix of Portland cement, expanded polystyrene bead aggregates and admixture. V-Panels with unique semi-circular Tongue & Groove Joining System provides better stability, rapid installation and better workability. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 28x77x31 mm fixed to the existing floor with 6x60mm nylon self-expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.8 mm thick GI Channel of size 31x77x31 mm duly fixed to the existing ceiling with 6x60mm nylon self-expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the jointing compound in all the exposed joints. The rate includes cost of 75mm V-PANELS, G.I. Floor and ceilingChannel.	1 Sqm	Deleted
801	BMT-M.116	CEMENT BONDED PARTICLE PLANK- 8 mm- Available size-150 mm X2440mm and 200mm X 2440mm	1 Sqm	607
		DOORS N. (Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
804	BMT-N.01	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 10 mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction of Engineer-in-Charge for finished item of work	1 Rm	276

1	2	3	4	5
805	BMT-N.02	<p>Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive. Complete as per direction of Engineer-in-charge, manufacturer's specification & drawing for finished item of work .</p>	1 Sqm.	2009
806	BMT-N.03	<p>Providing and fixing 30mm thick BRAND FACTORY MADE BOTHSIDE PRELAM SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, top and bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded "Rajshri" Prelam Pac 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 450 angle on either side forming stiles; and 5mm thick, 95mm wide Rajshri Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered in 450 on the inner side to form top and bottom rail 115mm wide Rajshri Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rail shall be provided either side of the panel. 10mm (5mmX2) thick, 20mmwide cross Pac sheet shall be provided as gap insert for top and bottom rail. Panelling of 5mm thick both side Prelam Pac sheet to be fitted in the MS. Frame welded/ sealed to the stiles & rails with 7mm(5mm+2mm) thick X 15mm wide Pac sheet beading on inner side, and joined together with solvent cement adhesive etc. an additional 5mm thick Pac strip of 20mm width is to be stuck on the interior side of the 'C' channel using Pac solvent cement adhesive etc. complete as per direction of Engineer – in-charge, manufacture specification and drawing.</p>	1 sqm	2296
807	BMT-N.04	<p>Providing and fixing 30mm thick BRAND FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, and 15mmX15mm for top and bottom rails. The MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded "Rajshri" single side Prelam Pac 'C' channel of size 30mmX50mm to form stiles.5mm thick& 75mm wide single side prelim Pac sheets shall be for the top, bottom and lock rails. Panelling of 5mm thick one side Pac sheet to be fitted in the MS. Frame and sealed to the front (prelam side) stiles and rails (which should have a 5mm 45 bent portion as beading) and attached to the back(white/ivory) stiles and rails which should have a 10mm 90 bent portion as beading) using 2nos. 15mm wide X 5mm thick Pac sheet beading inside the 90 bent beading. All stiles, rails and beadings are to be joined to the panel using solvent cement etc. an additional 5mm thick Pac strip of 20mm width to be stuck on the interior side of the 'C' channel using Pac solvent cement adhesive and 10mm(5mmX2) thick, 20mm wide cross Pac sheet to be fitted as gap insert for top and bottom rail etc. complete as per direction of Engineer –in-Charge, manufacture specification and drawing.</p>	1 sqm	2083

1	2	3	4	5
808	BMT-N.05	SUPPLY & FIXING or equivalent SINGLE SIDE PRELAM SOLID PANEL PVC DOOR FRAME (CHOUKHAT) Providing and fixing factory made Pac single side Prelam door frame of the size 50X47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid Pac single side prelam sheet, meter cut at two corners and joined with 2nos. of 150mm long brackets of 1515mm MS.Square tube. The two vertical door profiles are to be reinforced with 19X19mm MS. square tube of 19guage. The door frame shall be fixed to the wall using 65/100mm long MS. Screws through the frame by using Pac fasteners. a minimum of 4nos. of screws to be provided for each vertical member and minimum 2nos. for horizontal member etc. complete as per manufacture specification and direction of Engineer-in-charge.	1 Rm	289
809	BMT-N.06	Providing and fixing 35mm thick BRAND FACTORY MADE MOULDED DOOR SHUTTER consisting of sold core single leaf flush door of 30mm thickness, lipped with 15mm (5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on Pac lipping etc. complete as per direction of Engineer-in-Charge, manufacture specification and drawing	1 sqm	2466
810	BMT-N.07	MOULDED PVC DOOR – WOOD FREE Providing and fixing 30mm thick Rajshri Brand factory made Moulded door shutter- wood free consisting of frame made out of MS. tubes 19gauge thickness and size of 25mmX25mm for stiles, top and bottom rails. MS. Frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High density EPS conforming to IS 4671-1984 bounded with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different plain and / or prelam colours after routing to the moulded design on one side and 2mm plain and / or prelam Pac sheet on other side of the EPS. The edge of panel to be sealed with lipping of 10mm wide PVC sheet bottom (made by sticking 2 rigid foam sheet of 5mm thickness using Pac solvent cement) and stiles sides 25mm(5mmX5) thick and 30mm width Pac sheet fitted along Ms. Tube for lock provision for lock height 5mm thick Pac sheet of size 150mmX100mm fixed with upper and lower face of inner side of EPS Panel etc. Complete as per direction of Engineer – in-Charge, manufacture specification and drawing	1 sqm	2105

1	2	3	4	5
811	BMT-N.08	Providing and fixing 30mm thick BRAND FACTORY MADE WIRE MESH SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mmX19mm for stiles and 15mm for top, lock & bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. 19mmX19mm M.S. square tubes shall be covered with 5mm thick heat moulded "Rajshri" PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15mm shall be flat and 15mm shall be bent in 900 on the inner side to from top and bottom rail land 130mm wide PVC sheet out of which 100mm shall be flat and 154mm shall be bent in 900 on both side to from lock rail, 10mm(5mmX2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panel will be of G.I.wire mesh of 24gauge to be fitted in by 'C' channel of size 35mm X10mm on the either side in the stiles. The inner side 'C' channel is fixed by 19mmX19mm MS. Tube on both sides with screws. The wire mesh in top bottom & lock rail is sealed with15mm X 15mm tube with G.I.wire 10mm(5mmX2) thick PVC strip of 25mm width is to be stuck& nails on both side of G.I. wire mesh interior at the top, bottom & lock rail. An additional 5mm thick PVC srip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawings	1 sqm	1871
812	BMT-N.09	Providing and fixing PVC door cladding to the flush doors shutters . For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 1 mm thick	1 sqm	321
813	BMT-N.10	Providing and fixing PVC door cladding to the flush doors shutters . For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 1.5 mm thick	1 sqm	366
814	BMT-N.11	Providing and fixing PVC door cladding to the flush doors shutters . For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 2.0 mm thick	1 sqm	412
815	BMT-N.12	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 25 mmthick conforming to IS:2202	1 sqm	1623
816	BMT-N.13	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 30 mmthick conforming to IS:2202	1 sqm	1703
817	BMT-N.14	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 35 mmthick conforming to IS:2202	1 sqm	1861
818	BMT-N.15	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 25 mmthick conforming to IS:2202	1 sqm	925
819	BMT-N.16	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 30 mmthick conforming to IS:2202	1 sqm	1117
820	BMT-N.17	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 35 mmthick conforming to IS:2202	1 sqm	1265
821	BMT-N.18	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 40 mmthick conforming to IS:2202	1 sqm	1433
822	BMT-N.19	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 20 mmthick conforming to IS:2202	1 sqm	1783
823	BMT-N.20	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 25 mmthick conforming to IS:2202	1 sqm	1733
824	BMT-N.21	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 30 mmthick conforming to IS:2202	1 sqm	1918
825	BMT-N.22	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 35 mmthick conforming to IS:2202	1 sqm	2093

1	2	3	4	5
826	BMT-N.23	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 40 mmthick conforming to IS:2202	1 sqm	2391
827	BMT-N.24	Supply and fixing of E-board door shutter with alround style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick E-board with necessary screws fixed at 1'-0" interval 250 mm long aldrops 2 Nos. M.S. nickel coated 250 mm long 1 No. M.S. Tower bolts including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm.	Deleted
828	BMT-N.25	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. E-board shutter with alround 'U' lipping of size 15 X 18 X 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick E-board with necessary screws fixed at every 1'-0" interval 250 mm long aldrops 2 Nos. MS Nickel coated 250 mm long 1 No. MS tower bolt including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm.	Deleted
829	BMT-N.26	Supply and fixing of Cement Bonded Particle Board (IS 14276) cup board frames and shutters and using 16mm Cement Bonded Particle Board duly painted both sides with one coat of primer and two coats of synthetic / enamel paint of approved shade and brand including fixing of hardware like M.S. powder coated Piano hinges of size 18mm x 18mm, brass ball catches, Aluminum tower bolts and handles , Godrej locks, Fevicol, screws and nails including cost and conveyance of all materials, labor charges, all incidental and operational charges etc., complete for finished item of work at site as per the directions of Engineer in Charge.	1 sqm	2132
830	BMT-N.27	Supply and fixing Cement Bonded Particle Board (IS 14276) single door shutter using with 16MM Cement Bonded Particle Board with all-round "U" section of size 12mmx18mmx12mm made from 0.6 mm thick galvanized, color quoted cold rolled steel profiles with necessary screws fixed at every 304.8 mm intervals. The cost inclusive of MS Nickel coated Aldrops of size 255 mm long 2 Nos., 200 mm long tower bolts 1 No., 125 mm handles 2 Nos. 300 mm long "T" hinge cost and conveyance of all materials at site and applying 1 coat primer, 1 coat of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1870
831	BMT-N.28	Supply and fixing of Cement Bonded Particle Board(IS 14276) door shutters using with 16MM Cement Bonded Particle Board with all round style "U" size of 20mmx18mm x20mm made from 0.6mm thick galvanized pre-painted cold rolled steel profiles with Cement Bonded Particle Board separating two shutter with 30mmx18mmx30mm Stepped lipping with necessary screws fixed at every 1'-0" (304.8mm) intervals. Ms Nickel coated 250 mm long aldrops 2 no's, MS powder coated 250mm long tower bolt 2no's , & 2no's MS powder coated 125 mm long grip handle. Including cost and conveyance of all materials at site and applying one coat of primer, 2 coats of lappum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	2527
832	BMT-N.29	Supply and fixing of BISON LAM single door shutter using 16MM CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS with all round section "U" size of mm thick galvanized pre-painted cold rolled steel profiles BISON LAM with necessary screws fixed at every 1'0" (304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long aldrops 2 no's , MS powder coated 250mm long tower bolt 1 no's, 2no's MS powdercoated 125mm long grip handle, 1 no's M.S.P.C. Door stopper. Including cost and conveyance of all materials at site labour charges etc., complete finished item of work.	1 Sqm	Deleted

1	2	3	4	5
833	BMT-N.30	Supply and fixing of Cement Bonded Particle Board (IS 14276) LAM double door shutter using 16MM CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS with all round "U" section size of 20mm x 18mm x 20mm made from 0.6mm thick galvanized pre-painted cold rolled steel profiles with Cement Bonded Particle Board (IS 14276) LAM separating two shutter with 30mm x 20mm x 30mm stepped lipping with necessary screws fixed at every 1'0" (304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long aldrops 2no's, MS powder coated 125mm long grip handle, 2 no's M.S.P.C. Door stopper. Including cost and conveyance of all materials at site labour charges etc., complete finished item of work.	1 Sqm	2222
834	BMT-N.31	Doors Frames (Colour Coated Steel Sections) & Shutter using Cement Bonded Particle Board as per IS 14276 Providing and fixing of door frame made from cold roll formed sections made of galvanized (Base steel as per IS277 with zinc of 120 Gms/sqm) colour coated steel sections with total coated thickness of 1mm, primer coated with epoxy primer coat of 5-7 microns thick, finish paint with polyester paint of 12-16 microns. The Section for door frame is to be filled with polyurethane (P.U) form of 40kg/m3. Overall size of frame section should be of 50mm x 50mm. With necessary corner brackets, stiffeners, hinges, and screws. Cement Bonded particle board shutter (Bison Panel or equivalent) "Single Leaf" with all round styles "U" section of size 12m x 18m x 12mm made from 0.6 mm thick galvanized, colour coated cold rolled steel profiles with 16mm thick Cement Bonded particle Board (Bison Panel or equivalent) with necessary screws fixed at every 1'-0" (304.8mm) intervals. The cost inclusive of MS nickel coated Aldrop of size 250mm long 2nos. 200mm long tower bolt 1no., 125mm handles 2nos., cost and conveyance of all materials at site and applying one coat primer , one coat of luppum and two coats of synthetic enamel paint as per approved design for finished item of work	1 Sqm	3488
835	BMT-N.32	Supply and fixing of Cement Bonded Particle Board (IS 14276) box type cup board using Cement Bonded Particle Board for making frame of size 100mm x 35mm using two sandwiched 16MM boards, one Cement Bonded Particle Board and one CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS with plain 35mm wood lipping. The Shutters are made of 16MM thick CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS (Pre-Laminated Cement Bonded Particle Board) of approved shade inclusive of hardware like M.S. powder coated Piano hinges of size ¾" x ¾" , Aluminum powder coated handles of size 4" (101.6mm), Aluminum tower bolt 4" (101.6mm) Godrej locks, screws, wood lipping and Fevicol etc., complete finish item of work.	1 Sqm	3503
836	BMT-N.33	Supply and fixing of CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS door shutter made out of U sections of size 12x14x12 made from 0.6mm thick pps sections with 12MM CEMENT BONDED PRE-LAMINATED PARTICLE BOARDS with necessary screws fixed at every 1'.0"interwells. The hardware consists of 250mm long aldrip – 2 Nos.150mm Handle- 1 No , 150 mm long ms powder coated tower bolt 1 no. nickle coated. The cost is inclusive of all incidentals, labor transportation charges.	1 Sqm	2174
837	BMT-N.34	Supply and fixing of V- Board door shutter with alround style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick V-board with necessary screws fixed at 1'-0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	Deleted

1	2	3	4	5
838	BMT-N.35	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. V- Board shutter with around style "U" lipping of size 15 x 18 x 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick V-board with necessary screws fixed at every 1'-0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.,.	1 Sqm	Deleted
839	BMT-N.36	Supply and fixing Sintex or equivalent doors are made out of PVC section and panels. The overall dimension of the same is 33mm X 47mm with usual process variation and having a wall thickness of 1.5mm with a variation of ± 0.3 mm. The infill is seamless hallow multi chambered PVC single panel having an effective dimension of 762mm X 20mm having a wall thickness of 1mm ± 0.3 mm complete, for finished item of work.	Sqm.	Deleted
840	BMT-N.37	Supply and fixing PVC door frames made from extruded sections in overall dimensions of 40 X 48mm having a wall thickness of 1.5mm with usual process variation of ± 0.3 mm, complete, for finished item of work.	1 RM.	Deleted
841	BMT-N.38	Supply and fixing of V-board wall panelling (water, fire and termite resistant) with frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick V- Board / Cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. Inclusive of all taxes: With 8 mm V- Board	1 Sqm	Deleted
842	BMT-N.39	Supply and fixing double skin V- Board partition with Frame work made of GI stud profile of size 48x40x 10x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the V- Board of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0"(610 mm). The Gap will be covered with a decorative moulding surface will be given a smooth finish over cement primer. The rate Inclusive of cost and conveyance of all materials and labour charges etc., Complete. DOUBLE SKIN PARTITION	1 Sqm	Deleted
843	BMT-N.40	Supply and fixing of PVC cupboards for kitchen and bedrooms shall be made out of multi chambered PVC sections having overall dimensions of 20 X 762mm with a wall thickness of 1.2mm ± 0.3 mm. The cabinets shall be made as per the requirements of the room with groove system. The PVC section surface shall be plain and laminated finish to have good look, completed, for finished item of work for SINTEX OR equivalent PVC CABINETS	1 Sqm.	Deleted
844	BMT-N.41	Supply and fixing of Sintex Frontura door shutter consisting of Sintex make or equivalent FRP (Fibre Reinforced Plastic) panels on either sides with depressed panelled design for door having overall wall thickness of 1.5mm + 0.35 mm with usual process variation. The core of the door shutter shall be filled with Polyurethane foam (PUF) injected with the help of Hydraulic Injection method, wooden black of 35mm x 31mm shall be provided on all four side of the door shutter. Necessary wooden blacks shall be provided to take up necessary hard wares and fixtures etc. with steel wire mesh at the centre of the door the rate inclusive of all taxes and finished item work. Max size: 838mm (W) x 2060mm(H) Colour GOLDEN BROWN. SINTEX FRONTURA DOOR SHUTTER (25MM THICK)	1 Sqm.	Deleted

1	2	3	4	5
845	BMT-N.42	Supply and fixing of sintex door shutter made from specially hotpress moulded SMC (Sheet moulding compound) sheet polytherencore and PVC Frame section. SMC sheets shall be made from SMC conforming to IS-13410 sheets shall have an average thickness of 1.4mm+/- 0.35mm on both sides. Core of the door shall be filled with high density polyurethane foam injected with the help of hydraulic injection method shutter frame to be made of PVC Extruded section of 26mm x 47mm with a wall thickness of 1.4mm+/-0.3mm on both sides corresponding to sintex code DWUF 305 the hardware location shall be reinforced with special polymeric reinforcement wooden blocks of suitable size. The corners of the shutter frame shall be reinforced with polymeric L shaped angle size of 105 x 230mm corresponding sintex code PR-02 the lock rail shall be made from PVC Extruded sections having overall dimensions of 26mm x 47mm x 1.4mm +/- 0.3mm on both sides. The usual process of variation corresponding sintex code of 305 combining two nos. wooden pieces are inserted on the periphery suitable M.S.Tube reinforcement shall be provided on the one vertical side of shutter frame	1 Sqm.	Deleted
846	BMT-N.43	Supply and fixing of Sintex Door shutter made from specially Hot Press Moulded SMC (Sheet moulding compound) sheets, Polyurethane core and PVC Frame section SMC sheets shall be made from SMC conforming to IS-13410 sheets shall have an average thickness of 1.4 mm +/- 0.35 mm on both sides. Core of the door shutter shall be filled with high density polyurethane foam, injected with the help of hydraulic injection method shutter frame to be made of PVC extruded section conforming to IS: 10151: 1982 of size 26 mm x 46 mm with a wall thickness of 1.4 mm +/- 0.3 mm on both sides corresponding to Sintex code DWUF 305. The hardware locations shall be reinforced with special polymeric reinforcement wooden blocks of suitable size. The corners of the shutter frame shall be reinforced with Polymeric 'L' shaped angle of size 105mm x 230mm corresponding to Sintex code PR-02 the lock rail shall be made from PVC extruded sections having overall dimensions of 26 mm x 46 mm 1.5 mm +/- 0.3 mm on both sides, with usual process variation corresponding to Sintex code 305 combining two numbers. Wooden pieces are inserted on the periphery. Suitable MS Tube reinforcement shall be provided on vertical sides of shutter frame the rate inclusive of all taxes and finished item work Colour: White & Grey	1 Sqm.	Deleted
847	BMT-N.44	SINTEX ENDURA DOOR SHUTTER (26MM THICK)	1 Sqm.	Deleted
848	BMT-N.45	Supply and fixing of door shutters made of rigid PVC extruded hollow section(Nandi or equivalent) of 20mm X 200 mm with the wall thickness of 1.0mm +/- 0.1mm equally divided into 4 no's with tongue and groove locking arrangements. The shutter frame is made of 30mm X 79mm with the wall thickness of 1.5mm +/-0.15mm section mitre-cut and joined at 4 corners with 125mm X 225mm plastic brackets. The shutter shall be horizontally reinforced with 2 no's of 8mm PVC rods. Teak wood batons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed onto the door shutter.	Sqm.	1635
849	BMT-N.46	Supply and fixing of door frame made of hollow extruded PVC section having dimensions of 40 X 57mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be metri-cut/ welded. PVC DOOR FRAME	1 RM	216
850	BMT-N.47	Supply and fixing of door frame made of hollow extruded PVC section having dimensions of 40 X 46 mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be mitre cut/welded	1 RM	170

1	2	3	4	5
851	BMT-N.48	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
852	BMT-N.49	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
853	BMT-N.50	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
854	BMT-N.51	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
855	BMT-N.52	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
856	BMT-N.53	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
857	BMT-N.54	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section, size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 60 mm	1RM	186
858	BMT-N.55	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section, size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Double shutter 5'-0" x 7'-0" (1524 x 2133.6mm) outer frame section size of 50 x 60 mm	1 RM	186
859	BMT-N.56	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	211
860	BMT-N.57	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 5'-0" x 7'-0" (1524x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	211

1	2	3	4	5
861	BMT-N.58	<p>Providing and fixing door frames fabricated from sections made of galvanized steel powder coated (base steel as per IS 513, galvanized as per IS 277 with zinc of 120 grams / square metre), the factory made section are powder coated with pure polyester powder of 50-60 microns thick with total coated thickness of 1.25 mm, size of door frame section is of 105 x 60 mm with a rebate of 38 mm to accommodate 35 mm thick door shutter, with groove to insert gasket in the frame section, frame section filled with polyurethane foam, cut to length, and joined by way of welding, each frame provided with: a) 2mm thick MS powder coated butt hinges of 100 mm long – 3 Nos. for single shutter, 6 Nos. for double shutter. b) CRCA electroplates stiffeners of 6 Nos. – 3 in each vertical. c) 40 mm x 200 mm x 1.2 mm hold fasts screwed to stiffeners – 6 Nos. with split end tail. d) Nylon Aldrop Receiver – 1 No. for single shutter frame. e) Tie Rod – 1 No</p>	1 RM	690
862	BMT-N.59	<p>Providing and fixing of door frames factory made, internal door frames without threshold, fabricated from pre painted cold roll formed section 100 mm x 60 mm made of galvanized (base steel as per IS-513 'D' quality galvanized as per IS-277 with Zinc of 120 Gms/sqm) steel colour coated sections with total coated thickness of 1 mm primer coated with epoxy primer of 5-7 microns thick finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns, the frame section filled with polyurethane (PU Foam) of 40 kg/Cu.m and the sections cut to length and mitre joined by means of 1.25 mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25 mm thick electroplated stiffeners of size 150 mm for fixing hold fasts and hinges with MS Powder coated fittings a) 6 Nos M.S. Z Type hold fasts made of 30 mm x 3 mm MS flat of 230 mm long, 3 Nos each size expandable PVC covered screw type fasteners b) 2.5 mm x 300 mm long 'T' hinges /2.5 mm x 50 mm x 50 mm x 100 mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf/leaf) c) 12 mm dia MS tie rod at bottom with necessary size of nuts on either side.</p>	1 RM	403
863	BMT-N.60	<p>Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - only two glass shutters sliding - 95 -Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work</p>	1 sqm	5437

1	2	3	4	5
864	BMT-N.61	<p>Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - two glass shutters sliding and one mesh shutter sliding-95 -Series duly manufactured using UPVC reinforced profiles of (108 mm x 45 mm)/(95.50 mm x 60 mm) x 2.0 mm for outer frames, (75 mm x 39 mm)/(66 mm x 42 mm) x 2.0 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter shall be made of (48.5 mm x 30 mm)/(50 mm x 26.5 mm) x 2.0 mm uPVC profile section and fitted with nylon/polymer mesh and rollers/pulley duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work</p>	1 sqm	6009
865	BMT-N.62	<p>Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - three glass shutters sliding - 112 -Series duly manufactured using UPVC reinforced profiles of 112.0 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work</p>	1 sqm	5724
866	BMT-N.63	<p>Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) openable doors with openable shutters duly manufactured using UPVC reinforced profiles of 60 mm x 55 mm x 2.0 mm for outer frames, 70 mm x 60 mm x 2.25 mm for mullion sections as per the need and 102 mm x 60 mm x 2.0 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant and accessories for openable door - hinges of stainless steel grade 304- 3 Nos., per shutter handle with mazak alloy casting 1 No. per shutter, locking system suitably concealed 1 No., with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work</p>	1 Sqm	6810

1	2	3	4	5
867	BMT-N.64	Supplying and fixing door shutter, with shutter frame and infill panel made from PVC material conforming to IS: 10151-1982, the shutter frame made out of PVC extruded sections having overall dimension of 47 mm x 33 mm with wall thickness of 1.2mm + 0.3mm with usual process variation, the shutter frame with tapered shape to provide better grip to the infill panel end to drain out the water The Infill panel is made out of PVC Sections having Overall Dimensions of 200 mm x 20 mm with wall thickness of 1mm + 0.2mm, the shutter frames mitre cut and joined at the corner, by providing Polymeric " L " type corners to take hardware & fixtures fixed with 10-20mm counter sunk fully threaded parallel shank steel screws, all the hardware locations reinforced with special polymeric bars as per drawings, stickers showing locations of different hardware pasted on the shutter, the infill panels joined by tongue and groove method.	1 Sqm	883
868	BMT-N.65	PVC Door shutter conforming to IS: 10151-1982, the infill panel made of seamless one piece multi chamber PVC extruded sections having overall dimensions of 610 mm x 20 mm with wall thickness of 1mm + 0.2mm with the top and bottom edges of the shutter covered with end cap of the size 20 mm x 11 mm with the door shutter to be reinforced with special polymeric reinforcements as per drawing for hardware's and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places.	1 Sqm	Deleted
869	BMT-N.66	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, in-fill of honeycomb kraft paper used to give the required rigidity and effective acoustic insulation with 6" Tower bolt – 1 No., 6" D handles – 2 Nos., 10" Aldrop – 1 No., Butt Hinges – 3 Nos, Mortise Lock of approved quality – 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Single leaf Door	1 Sqm	9348
870	BMT-N.67	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM). coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, in-fill of honeycomb kraft paper used to give the required rigidity and effective acoustic insulation with 6" Tower bolt – 2 Nos., 6" D handles – 2 Nos., 10" Aldrop – 1 No., Butt Hinges – 6 Nos, Mortise Lock of approved quality – 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Double leaf Door	1 Sqm	9971
871	BMT-N.68	Moulded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick doors - 30 mm thick	1 Sqm	1645
872	BMT-N.69	Moulded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick doors - 35 mm thick	1 Sqm	1798
873	BMT-N.70	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 30 mm thick	1 Sqm	1336

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874	BMT-N.71	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 35 mm thick	1 Sqm	1479
875	BMT-N.72	Providing & fixing 30 mm thick solid panel PVC door shutter consisting of frame made out of 19 guage M.S tube of 19 x 19 mm for stiles, top & bottom rail, with a coat of primer of approved make. M.S. Frame covered with 5 mm thick heat moulded PVC "C" channel of size of 30 x 50 mm forming stiles, 5 mm thick 75 mm wide PVC sheet for top, lock & bottom rail on either side 20 mm wide cross PVC sheet as gap insert for top & bottom rail, panelling of 10mm(+/-)(5mm+5mm)" thick PVC sheet fitted in the M.S. frame welded /sealed to the stiles, on either side joined together with solvent cement adhesive etc., additional 5 mm thick PVC strip of 20 mm width stuck on the interior side of the C channel using solvent cement, complete as per direction of Engineer-in-charge, manufacturers specification.	1 Sqm	2577
876	BMT-N.73	Supply & Fixing SOLID STEEL DOOR door shutter made out of G I Precoated Sheet with an average wall thickness of 0.35 mm on both sides. MS Tube having dimensions of 19 x 19 mm is inserted along the hinge side of the door, core of the door shutter filled with High Density Polyurethane foam injected with the help of hydraulic injection method, four sides of the door covered with G I Precoated Sheet and the hardware locations reinforced with suitable wooden blocks as per drawing and stickers indicating location of the hardware pasted at appropriate places, etc complete	1 Sqm	1259
877	BMT-N.74	Supplying & fixing SINGLE PANEL 30 mm thick PVC DOOR, door shutters with shutter frame and Infill panel made from PVC material, the shutter frame made out of PVC extruded sections having overall dimensions of 60mm x 30 mm with wall thickness of 1.3 mm ± 0.3 mm, with the Infill panel made out of multi chambered seamless hollow PVC extruded panel having overall dimensions of 610 mm x 20 mm having wall thickness 1 mm ± 0.2 mm with the shutter frame meter cut and joined at corners and all the hardware locations reinforced with special polymeric bars as per drawing including providing special PVC braket on hinge side, etc complete	1 Sqm	2214
878	BMT-N.75	deleted		Deleted
879	BMT-N.76	Providing & fixing internal prelaminated PVC door frame of size 100 x 45 mm with a wall thickness of 5mm, made of extruded 5 mm Prelam PVC foam sheet, mitred cut at two corners and joined with two nos. of 150mm long brackets of 15 x 15 mm MS square tube, two vertical door profiles reinforced with 40 x 20 MS Tube of 19 guage throughout the frame and the door frame fixed to the wall using 65/100mm long MS screws through the frame by using PVC fasteners with a minimum of 3 nos of screws provided for each vertical member and two nos. for horizontal, etc complete as per drawing and direction of Engineer in Charge	1 RM	511

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880	BMT-N.77	Supply & Fixing of Powder Coated Mild Steel doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to single rebate profile of ize 100 mm X 58 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for industrial, commercial, residential, cleanroom applications	1 Sqm	9472
881	BMT-N.78	Supply & Fixing of Stainless steel doors, frames & shutters made of stainless steel grade 304 of hairline finish, frame with 1.2mm thick formed to single rebate profile of ize 100 mm X 58 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for industrial, commercial, residential, cleanroom applications	1 Sqm	17760
882	BMT-N.79	Supply & Fixing of Powder Coated Fire Rated doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 120 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	11248

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883	BMT-N.80	Supply & Fixing of Powder Coated Fire Rated doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 60 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	10656
884	BMT-N.81	Supply & Fixing of Stainless steel Fire Rated doors, frames & shutters made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 120 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	17760
885	BMT-N.82	Supply & Fixing of Stainless steel Fire Rated doors, frames & shutters made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 60 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	15484

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886	BMT-N.83	Supply & Fixing of Lead Lined Clean room doors frames and shutters made of Skin pass galvanized Iron sheet (Conform to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr).with powder coating of thickness 60-65 Microns, frame of 1.60mm thick galvanized steel sheet (Conform to IS 277) formed to Single/double rebate profile of size 100mm X 58mm/ 143x58mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick Galvanized Steel Sheet (Conform to IS 277) formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the lead sheets extend the full width and height of the door, Lead thickness is equal to the shielding in the adjacent wall, the door frames and door shutters are coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns, coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, hardware with Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter etc complete for finished item	1 Sqm	12751
887	BMT-N.84	Supply & Fixing of Lead Lined Stainless steel Clean room door frames and shutters made of Stainless steel grade of 304 hairline finish, frame with 1.60mm (16SWG) thick hairline finish Stainless steel grade of 304 formed to Single/double rebate profile of size 100 mm x 58mm/ 143 x 58 mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick hairline finish Stainless steel grade of 304 formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level. The lead sheets extend the full width and height of the door. Lead thickness is to be equal to the shielding in the adjacent wall. Hardware can be provided with Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter etc complete for finished item of work	1 Sqm	20128
888	BMT-N.85	Supply and fixing of V- BOARD (conforming to IS 14862) door shutter with all-round style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick V-BOARD with necessary screws fixed at 1'-0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1276
889	BMT-N.86	Supply and fixing of BOARD (conforming to IS 14862) 12 mm thick door shutter of size 6'0" x 2'6" with all-round style "U" lipping size 15 x 14 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with necessary screws fixed at 1'-0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1093

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890	BMT-N.87	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. BOARD (IS 14862) shutter with all-round style "U" lipping of size 15 x 18 x 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick V-board with necessary screws fixed at every 1'-0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm	1503
891	BMT-N.88	Providing, supplying & fixing of glazed 2 Track -2 Panel Sliding Door made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The sliding outer frame having a overall size of 60 x 45 mm with reinforcement of 1 mm thickness, super sash with overall size of 39 x 75 mm with reinforcement of 1.5 mm thickness. Glazing bead for fixing of glass shall be of size 20 x 18mm and coextruded with gasket. Fiber Glass mesh shall be provided in mesh shutter. Window/Door shall be provided with 6 mm plain float glass, standard hardware & multi point locking system of Patio espagnolette. Wall thickness of frame & sash shall be 2.0 mm	1 Sqm	4833
		WINDOWS P. (Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)		
902		Supplying and fixing of WINDOWS with Prelaminated Cement Bonded Particle boards and Pre-Painted Steel Sections fabricated from pre-painted Cold rolled formed sections made of galvanized steel color coated sections (Base steel as per IS-512 D quality, galvanized as per IS-277 with Zinc of 120 gram/sqm) with total coated thickness of 0.58mm primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns), sections for outer frame and centre mullion (duly filled with PU form of 40 kg/Cum) of 60mm x 50mm, with provision for fixing glazed shutter and the section for glazed/paneled of size 48 mm x 25 mm and another section of size 60 mm x 23 mm provided for separating glazed and paneled portion, the section cut to length and miter jointed with plastic corner brackets and with corner brackets for window outer frames of 50mm x 60mm, the mullion section fixed to the frame with plastic mullion cap and stiffener plates of size 60 mm x 50 mm made of 1.25mm thick CRCA electroplated provided to fix window frames to concrete/masonry, gasket for fixing glass and 10mm both sides pre-laminated cement bonded particle board and 5 mm thick colour pin headed glass provided for glazing and providing guard bars of 10 mm square rods duly welded at 150 mm pitch to MS flat section of size 18 mm and 3 mm thick, and fixed to wall by means of self expansion nylon Cap (75) and electroplated wooden screws of size 100 mm, together with aluminum powder coated fittings, A) 75mm long grip handles 1 no per shutter, B) 75 mm long tower bolts 2 nos. per shutter, C) Heavy duty SS Pivot hinges 2 nos per shutter, D) MS Powder coated telescopic stay 1 no per shutter.		
903	BMT-P.01	Pre Laminated Cement Bonded Particle Board WINDOWS – Single shutter 2'0"x4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm	1 Sqm	Deleted
904	BMT-P.02	Pre Laminated Cement Bonded Particle Board WINDOWS –Double shutter 3'0" x 4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm mullion section size of 50mm x 60mm for outer frame	1 Sqm	Deleted
905	BMT-P.03	Pre Laminated Cement Bonded Particle Board WINDOWS – Double shutter 3'0" x 3'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm Mullion section size of 50mm x 60mm for outer frame.	1 Sqm	Deleted

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906	BMT-P.04	Pre Laminated Cement Bonded Particle Board WINDOWS – Double shutter 4'0"x4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm Mullion section size of 50mm x 60mm for outer frame.	1 Sqm	Deleted
907	BMT-P.05	Pre Laminated Cement Bonded Particle Board WINDOWS – Center fixed both side openable shutters 6'0"x4'0" outer frame section size 50 mm x 60 mm shutter frame section size of 48mm x 25mm, Mullion section size of 50mm x 60mm fixed beading section size of 12mm x 12mm.	1 Sqm	Deleted
908	BMT-P.06	Supply and fixing of openable window made out of extruded PVC section and the outer frame having overall dimensions of 40 x 48 mm with a wall thickness of 1.5 mm and the shutter frame with overall dimensions of 26 x 47 mm and wall thickness of 1.2mm ± 0.3mm provided with 5mm glazing, the centre mullion having over all dimensions of 25 x 32.5mm ±0.3mm, complete, for finished item of work.	1 Sqm.	Deleted
909	BMT-P.07	Supply and fixing of two track or three track sliding window with the outer frame of 58 x 45mm with a wall thickness of 1.2mm ± 0.3mm and the sliding shutter frame made of PVC section 57 x 32mm with overall dimensions of 1.5mm ± 0.3mm provided with 5mm glazing including roller bearings and arrestor type handle cum lock complete, for finished item of work.	1 Sqm.	Deleted
910		Supply and fixing of pre-painted steel windows & top hung and fixed louvered ventilators made of pre - painted steel (base steel as per IS 513 of -0.58 mm thick 'D' quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer, section for outer frame of 46 x 52 mm section and for shutter of 46 x 46 mm section for mullion 46 x 70 mm, and section for beading should be 18 x 25 mm and section for louvered ventilation of 33 x 56 mm Box section and the windows panelled with 5 mm thick plain float glass & 4 mm pinhead glass for ventilators with Ethyl propylene Diamine monomer Gasket (EPDM) and the sections cut to length mitre joined with corner bracket centre mullions fixed using mullion cap and with handle made of high grade aluminium powder coated and nylon receiver, corner brackets made of CRCA with Zinc Phosphate, Mullion caps made of glass filled nylon, frames fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars with 6" pitch complete for finished item of work.		
911	BMT-P.08	Windows: Single shutter 2'0 x 4'0 (609.6 x 1219.2 mm) Outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 sqm	5371
912	BMT-P.09	Windows: Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	5371
913	BMT-P.10	Windows: Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	5681
914	BMT-P.11	Windows: Double shutter 4'-0" x 4 '-0" (1219.2x12.19.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	5526
915	BMT-P.12	Windows: Double shutter 4'-0" x 4 '-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	5526
916	BMT-P.13	Windows: Double shutter 4'-6" x 4 '-6" (1371.6x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	5061
917	BMT-P.14	Windows: Centre fixed both side openable shutter 5'-0" x 4'-0" (1524x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	5061

1	2	3	4	5
918	BMT-P.15	Windows: Centre fixed both side openable shutter 6'-0" x 4'-0" (1828.8x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	5061
919	BMT-P.16	Windows: Centre fixed both side openable shutter 6'-0" x 4'-6" (1828.8x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	5061
920	BMT-P.17	Ventilators: Top Hung 2'-0" x 2'-0" (609.6x609.6mm) outer frame section size of 46mm x 52 mm shutter frame section size of 46mm x 46 mm	1 Sqm	5888
921	BMT-P.18	Ventilators: Top Hung 4'-0" x 2'-0" (1219.2x609.6mm) outer frame section size of 46 x 52 m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	5888
922	BMT-P.19	Ventilators: Top Hung 4'-0" x 3'-0" (1219.2x914.4mm) outer frame section size of 46 x 52m m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	5888
923	BMT-P.20	Ventilators: Fixed louvers 2'-0" x 2'-0" (609.6x609.6mm)(Box section) outer frame section size of 33 x 56 mm	1 Sqm	4028
924	BMT-P.21	Ventilators: Fixed louvers 4'-0" x 2'-0" (1219.2 x 609.6 mm) (Box section) outer frame section size of 33 x 56 mm Mullion section size of 33 x 56 mm	1 Sqm	4028
925	BMT-P.22	Ventilators: Fixed louvers 4'-0" x 3'-0" (1219.2 x 914.4 mm) (Box section) outer frame section size of 33 x 56 mm Mullion section size of 33 x 56 mm	1 Sqm	4028
926		Providing and fixing of Openable Windows made of pre-painted steel (Base steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 with Zinc of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer and section for outer frame of 48 x 50 mm, centre mullion of 48 x 50 mm, section for shutter of 48 x 25 mm and the fixed glass beading section should be 12 x 12 mm and the outer frame and mullions to have rebate for glazed shutter with a 20 mm provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, handle, stay, 2 nos. of stainless steel heavy duty pivot hinges provided per shutter and windows fitted with 5 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
927	BMT-P.23	Single shutter Window 2'-0"x4'-0" (609.6mm x 1219.2mm). Outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm.	1 Sqm	4906
928	BMT-P.24	Double shutter Window with vertical mullion 3'-0" x 4'-0" (914.4mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm.	1 Sqm	5216
929	BMT-P.25	Double shutter Window with vertical member4'-0" x 4'-0" (1219.2mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm and mullion section should be of 48x50mm.	1 Sqm	5216
930	BMT-P.26	Centre fixed both side openable shutter window 5'-0"x4'-0" (1524mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	4596
931	BMT-P.27	Centre fixed both side openable shutter window 6'-0"x4'-0" (1828.8mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm. Fixed beading section size of 12 x 12mm.	1 Sqm	4596

1	2	3	4	5
932		Providing & Fixing of Openable Windows with Fly-mesh made of pre-painted steel (Base Steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 with zinc of 150 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer and the section for outer frame of 72 x 55mm, centre mullion of 72 x 50mm, section for fixed glass beading section of 12 x 12 mm and section for shutters of 48 x 25 mm and outer frame & mullion sections with rebate for glazed shutters, fly mesh and a 20 mm provision for guard bars/grills and fly mesh shutter section of 20 x 40 mm and the sections cut to length metre joined with corner bracket, centre mullions fixed with mullion cap, stay, handles, latch 2 Nos of heavy duty stainless steel pivot hinges per shutter and panelled with 5mm thick plain float glass and S.S. Mesh for fly mesh shutter (304 grade), fitted using rubber gaskets including fixing the windows in the concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch , complete for finished item of work		
933	BMT-P.28	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm.	1 Sqm	6507
934	BMT-P.29	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm.	1 Sqm	6817
935	BMT-P.30	Double shutter Window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm and mullion section should be of 72x50mm.	1 Sqm	6817
936	BMT-P.31	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm. Fixed beading section size of 12 x 12 mm.	1 Sqm	6197
937	BMT-P.32	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm. Fixed beading section size of 12 x 12 mm.	1 Sqm	5423
938	BMT-P.33	Providing and Fixing Pre-painted steel Sliding Window fabricated from Roll formed sections made of galvanized Steel colour coated/powder coated (Base Steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 GM/Sq.mtr) with total coated thickness of 0.58 mm, primer coat with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the section for external frame bottom of 79 x 44 mm, external frame sides and top of 69 x 24 mm, guide for top and bottom of 69 x 26 mm (Stainless Steel) and section for shutter of 26 x 30 mm and panelled with 5mm thick plain float glass fitted with corner bracket for internal and external frame made of glass filled nylon, gaskets made of Ethyl Propylene Diamine Monomer (EPDM), sections cut to length, joined and assembled by means of corner bracket, including fixing windows in the concrete/masonry walls by means of self expanding brackets & screws including 10mm square guard bars with 6" pitch (152.4mm) and all taxes etc., complete for finished item of work	1 sqm	5768
939	BMT-P.34	deleted		
940	BMT-P.35	deleted		
941	BMT-P.36	deleted		
942	BMT-P.37	deleted		

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943	BMT-P.38	deleted		
944	BMT-P.39	deleted		
945	BMT-P.40	deleted		
946	BMT-P.41	deleted		
947	BMT-P.42	deleted		
948	BMT-P.43	deleted		
949	BMT-P.44	deleted		
950	BMT-P.45	deleted		
951	BMT-P.46	deleted		
952	BMT-P.47	deleted		
953	BMT-P.48	deleted		
954	BMT-P.49	deleted		
955	BMT-P.50	deleted		
956	BMT-P.51	deleted		
957	BMT-P.52	deleted		
958	BMT-P.53	deleted		
959	BMT-P.54	deleted		
960	BMT-P.55	deleted		
961	BMT-P.56	deleted		
962	BMT-P.57	deleted		
963	BMT-P.58	deleted		
964	BMT-P.59	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. : Single shutter 2'-0" x 4'-0" (609.6 x 1219.2mm) Shutter section size 20 x 40mm	1 Sqm	Deleted
965	BMT-P.60	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	Deleted
966	BMT-P.61	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	Deleted
967	BMT-P.62	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Single shutter 2'-0" x 4'-0" (609.6 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	Deleted

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968	BMT-P.63	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
969	BMT-P.64	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2 mm) shutter section size 20 x 40 mm	1 Sqm	Deleted
970	BMT-P.65	Supply and fixing fly mesh window with sections made of pre painted steel (Base steel as per IS 513 of 'D' quality, Galvanized as per IS 277 with zink of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12 to 16 microns thick and back coated with 5-7 microns thick alkyd baker with total coated thick ness of 0.58 mm for shutter frame and 0.8 for outer frame, the section for outer frame of 30 x 30 mm and fly mesh shutter section of 20 x 40mm outer frame sections with rebate for fly mesh shutters and sections cut to length metre jointed with corner bracket and fitted with aluminum 'T' section of double shutter & above, SS fly mesh shutter (304 grade) and EPD gasket including fixing the frames in the concrete/ masonry wall by means of left expending screws, latch, 2 nos of heavy duty GI pivot hinges provided per shutter (304 grade) including all taxes complete for finished item of work.	1 Sqm	Deleted
971	BMT-P.66	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows two track sliding duly manufactured using UPVC reinforced profiles of (62 mm x 60 mm)/(60 mm x 45 mm) x 2.0 mm for outer frames, (66 mm x 38 mm)/(58 mm x 39 mm) x 2.0 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like locking system 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	5435
972	BMT-P.67	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows three track - only two glass shutters sliding duly manufactured using UPVC reinforced profiles of (80 mm x 52 mm)/ (94 mm x 45 mm) x 2.0 mm for outer frames, (54 mm x 38 mm)/(39 mm x 58 mm) x 2.20 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like locking system 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	5098

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973	BMT-P.68	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows three track - two glass shutters sliding and one mesh shutter duly manufactured using UPVC reinforced profiles of (94 mm x 45 mm)/(80 mm x 52 mm) x 2.0 mm for outer frames, (58 mm x 39 mm)/(54 mm x 38 mm) x 2.0 mm for sliding shutter frames capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter frame shall be (42 mm x 25 mm)/(52 mm x 21.5 mm) x 2 mm fitted with nylon/ polymer mesh on rollers/ pulley duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like locking system 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	5675
974	BMT-P.69	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters duly manufactured using UPVC reinforced profiles of 48 mm x 60 mm x 2.0 mm for outer frames, 64 mm x 60 mm x 2.0 mm for mullion sections for two or more openable shutters and 78 mm x 60 mm x 2.0 mm for outward openable shutter frame or 70 mm x 60 mm x 2.0 mm for inward openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	5503
975	BMT-P.70	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters duly manufactured using UPVC reinforced profiles of 60 mm x 55 mm x 2.0 mm for outer frames, 70 mm x 60 mm x 2.0 mm for mullion sections for two or more openable shutters 70 mm x 60 mm x 2.0 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant and accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	5996
976	BMT-P.71	DELETED	1 Sqm	
977	BMT-P.72	DELETED	1 Sqm	

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978	BMT-P.73	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work including of all taxes - 1220 x 1372 or below size	1 Sqm	4834
979	BMT-P.74	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work including of all taxes - 1530 x 1372 or above size	1 Sqm	4331
980	BMT-P.75	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work including of all taxes - 1220 x 1372 or below size	1 Sqm	6073

1	2	3	4	5
981	BMT-P.76	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work including of all taxes - 1530 x 1372 or above size	1 Sqm	5583
982	BMT-P.77	Providing & Fixing of Mesh windows made of pre-painted steel (Base Steel as per IS 513 of 0.58mm thick galvanized as per IS 277 with zinc of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer, section for outer frame of 47 x 36 mm, centre mullion of 60 x 36 mm, section mesh beading 18 x 6 mm and Fly mesh shutter section of 20 x 40 mm, the sections cut to length meter joined with corner bracket and centre mullions fixed with mullion cap, handles, latch, 2 Nos of heavy duty stainless steel pivot hinges per S.S. Mesh for fly mesh shutter (304 grade) including fixing the frames in the concrete/masonry wall by means of self expanding screws complete for finished item of work.	1 Sqm	4053
983	BMT-P.78	Providing & fixing white colour Rigid PVC window frame and shutter with single rebate using frame section of 50 x 35 mm, centre mullion 50 x 47 mm and the thickness of shutter 25 mm thick, the frame work made of M.S. Tube of 19 gauge of size 15 x 15 mm and solid PVC Section made of 4 mm thick (3.75 mm PVC foam sheet laminated with .25 mm rigid PVC sheet) and heat moulded PVC "C" section of size 50 x 25 x 25 mm forming rails & stiles and reinforced with M.S. Tube of 19 gauge of size 15 x 15 mm and suitably joined with solvent cement and fitted with 4 mm thick glass panel with Aluminium handles, tower bolts, hinges and stopper complete as per direction of Engineer in-charge and manufacturers specification. (All sizes with openable shutters)	1 Sqm	Deleted
984	BMT-P.79	Providing & fixing white colour Rigid PVC window frame and shutter with doouble rebate (glass & mesh) using frame section of 42 x 115 mm made out of M.S. Tube of 19 gauge 15 x 15 mm and solid PVC section made from 4 mm thick (3.75 mm foam sheet laminated with 0.25mm rigid PVC sheet Suitably joined using PVC solvent cement and the window shutter of 25 mm thick heat moulded with PVC 'C' section of size 50 x 25x 50mm forming rails & stiles and reinforced with with M.S. Tube of 19 gauge 15 x 15 mm and glass and wire mesh fitted externally in the clear space available between stiles and rails and fixed with PVC beading of size 23 mm x 16 mm complete as per direction of Engineer in charge and manufacturers specification (All sizes with openable shutters)	1 Sqm	Deleted

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985	BMT-P.80	<p>Providing and fixing COMPOSITE SLIDING WINDOW fabricated from roll formed sections made of Galvanized Steel colour Coated/Powder Coated (Base Steel as per IS 513 "D" quality, Galvanized as per IS 277 with Zinc of 120 grams /Sq.Mtr.) with total coated thickness of 0.58 mm, powder coated with pure Polyester Powder up to 50-60 microns thick and the section for external frame bottom of 68 x 25mm (Aluminium), External frame sides & Top of 68 x 25 mm (Aluminium), section for shutter of 59 x 23mm and Lap Strip of 30 x 7.5mm (uPVC) cut to length and mitre joined with L-bracket and 5 mm plain float Galss with Ethyl Propylene Diamine Monomer (EPDM) gasket, the corner bracket for external frame made of Aluminium 'L'-Angle, Corner Bracket for internal frame made of Polypropylene, Crescent Latch, Rollers, & EPDM Gaskets for shutters, wool pile for lap strip, Bump Stop Base & Rubber for shutter stopper including fixing to brick/concrete masonry using Nylon self-expanding caps and driving MS electroplated 80mm long screws into the caps through frames and fixing 10mm square guard bars with 6" pitch centre to centre (152.4mm) and all taxes completed for finished item of work</p>	1 Sqm	5061
986		<p>Providing and fixing of Two shutter Sliding Windows made of Galvanized Steel (Base Steel as per IS 513, D quality, galvanized as per IS 277 with Zinc of 120 GSM), using factory made section powder coated with Pure polyester powder upto 50-60 microns thick with total coated thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for Two Tracks with Grill provision size of 90 mm x 50 mm and without grill provision is of 75 mm x 50 mm and the Window Shutter section of 58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and cut to length miter joined with corner brackets including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work.</p>		
987	BMT-P.81	<p>a) Window with Two Sliding Shutters and without Grill Outer Frame Size 75 mm x 50 mm.</p>	1 Sqm	4509
988	BMT-P.82	<p>b) Window with Two Sliding Shutters and with Grill Outer Frame Size 90 mm x 50 mm have a rebate of 15mm x 5 mm to fit grill made of 10mm MS Sq Rods for horizontal bars welded at a regular pitch of 150mm to 12mm x 6 mm MS flat.</p>	1 Sqm	5000
989		<p>Providing and fixing of Three shutter Sliding Windows made of Galvanized Steel (Base Steel as per IS 513, D quality, galvanized as per IS 277 with Zinc of 120 GSM), using factory made section powder coated with Pure polyester powder upto 50-60 microns thick with total coated thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for three tracks with grill provision size of 105 mm x 50 mm and without grill provision is of 90 mm x 50 mm and the Window Shutter section of 58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and cut to length miter joined with corner brackets including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work.</p>		

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990		Window with 3 shutters (center fixed shutter / Center sliding shutter / center Fly mesh shutter) and with Grill Window made of Outer Frame of Size 105 mm x 50 mm. Grill made of 10mm MS Square Rods for horizontal bars at a regular pitch of 150mm welded to MS flat of 12 x 6 mm.		
991	BMT-P.83	i) Center Shutter Fixed: center shutter frame made of section with size 20mm x 47mm should be fitted with 5mm thick plain float glass of reputed make, EPDM gasket all around the glass and fixed to the Outer Frame with the supporting section of size 29mm x 20mm of 0.58mm thick fixed horizontally on top and bottom of the shutter frame.	1 Sqm	5282
992	BMT-P.84	ii) Center Shutter Sliding: center shutter frame made of section of size 20mm x 47mm should be fitted with 5 mm thick plain float glass of reputed make. The supporting guide section of size 15mm x 19mm of 0.58mm thick fixed horizontally at top and bottom of shutter frame and slides along the bottom and top guide tracks made of sections size 24mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick	1 Sqm	5783
993	BMT-P.85	iii) Center Fly mesh Shutter Sliding: Section for Fly mesh Shutter frame should be of size 20mm x 40mm of 0.58mm thick and fitted with SS mesh (304 Grade). The supporting guide section of size 29mm x 20mm of 0.58mm thick at the bottom and 15mm x 19mm of 0.58mm thick at the top fixed horizontally to the Fly mesh frame and slides along the bottom and top guide tracks made of sections size 20mm x 20mm of 0.58mm and 29mm x 20mm of 0.58mm.	1 Sqm	5783
		Window with 3 shutters (Center fixed shutter / Center sliding shutter / center Fly mesh shutter) and without Grill Window made of Outer Frame of size 90mm x 50mm.		
994	BMT-P.86	i) Center Shutter Fixed: center shutter frame made of section with size 20mm x 47mm of 0.58mm thick should be fitted with 5mm thick plain float glass of reputed make, EPDM gasket all around the glass and fixed to the Outer Frame with the supporting section of size 29mm x 20mm of 0.58mm thick fixed horizontally on top and bottom of the shutter frame.	1 Sqm	4736
995	BMT-P.87	ii) Center Shutter Sliding: center shutter frame made of section with size 20mm x 47mm of 0.58mm thick should be fitted with 5 mm thick plain float glass of reputed make. The supporting guide section of size 15mm x 19mm of 0.58mm thick fixed horizontally at top and bottom of shutter frame and slides along the bottom and top guide tracks made of sections size 24mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick.	1 Sqm	5183
996	BMT-P.88	iii) Center Fly mesh Shutter Sliding: Section for Fly mesh shutter frame should be of size 20mm x 40mm and fitted with SS mesh (304 Grade). The supporting guide section of size 29mm x 20mm of 0.58mm thick at the bottom and 15mm x 19mm of 0.58mm thick at the top fixed horizontally to the Fly mesh frame and slides along the bottom and top guide tracks made of sections size 20mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick.	1 Sqm	5183

1	2	3	4	5
997		Providing and fixing of Openable / Casement Windows made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
998	BMT-P.89	Single openable shutter window size of 2' 0" x 4' 0" (609.6 x 1219.2mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm thick	1 sqm	4327
999	BMT-P.90	Double openable shutter window Size of 3' 0" x 4' 0" (914.4mm x 1219.2mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm, vertical mullion section size of 80 x 60 mm	1 sqm	4599
1000	BMT-P.91	Double openable shutter window size of 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size 80 x 45mm, shutter frame section size of 52 x 25 mm ,Vertical mullion section size of 80 x 60 mm	1 sqm	4599
1001	BMT-P.92	Double Openable Shutter and Center Fixed window of size 5'0 x 4'0 (1524 x 1219.2mm)outer frame section size of 80mm x 45mm, shutter frame section size of 52 x 25mm ,Vertical mullion section size of 80 x 60 mm, beading section size of 9 x 12mm to be provided for glass holding	1 sqm	4053
1002	BMT-P.93	Double Openable Shutter and Center Fixed window of size 6'0 x4'0 (1829.6 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 80 x 60 mm, beading section size of 9 x 12mm to be provided for glass holding	1 sqm	4053
		Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		
1003		Providing and fixing of Openable / Casement Windows with fly mesh made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly-shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade with 144 holes per sq.inch and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
1004	BMT-P.94	Single openable shutter window size of 2' 0" x 4' 0" (609.6 x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and flymesh shutter profile section size of 52 x 25mm	1 sqm	5738
1005	BMT-P.95	Double openable shutter window Size of 3' 0" x 4' 0" (914.4mm x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and flymesh shutter profile section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	6011

1	2	3	4	5
1006	BMT-P.96	Double openable shutter window size of 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and flymesh shutter profile section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	6011
1007	BMT-P.97	Double Openable Shutter and Center Fixed window of size 5'0 x 4'0 (1524 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 100 x 60 mm , beading section size of 9 x 12mm to be provided for glass holding	1 sqm	5465
1008	BMT-P.98	Double Openable Shutter and Center Fixed window of size 6'0 x4'0 (1829.6 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 100 x 60 mm , beading section size of 9 x 12mm to be provided for glass holding	1 sqm	5465
		Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		
1009		Providing and fixing of top hung Ventilators made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
1010	BMT-P.99	Single openable ventilator shutter size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm thick	1 sqm	5191
1011	BMT-P.100	Double openable ventilator shutter Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame section size of 80 x 45mm,shutter frame section size of 52 x 25mm, vertical mullion section size of 80 x 60 mm	1 sqm	5191
1013	BMT-P.101	Double openable fix shutter size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame section size of 80 x 45mm , shutter frame section size of 52 x 25 mm ,Vertical mullion section size of 80 x 60 mm	1 sqm	5191
1014	BMT-P.102	Single fixed Louvers Ventilator size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 80 x 45mm	1 sqm	3552
1015	BMT-P.103	Double fixed Louvers ventilator Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 80 x 45mm, vertical mullion section size of 80 x 60 mm	1 sqm	3552
1016	BMT-P.104	Double fixed Louvers Ventilator size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size of 80 x 45mm , Vertical mullion section size of 80 x 60 mm	1 sqm	3552
		Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		

1	2	3	4	5
1017		Providing and fixing of top hung Ventilator with fly mesh made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly-shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade with 144 holes per sq.inch and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
1018	BMT-P.105	Single openable ventilator shutter window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 100 x 45mm, Glazed and flymesh shutter frame section size of 52 x 25mm thick	1 sqm	6421
1019	BMT-P.106	Double openable ventilator shutter window Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame section size of 100 x 45mm, Glazed and flymesh shutter frame section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	6421
1020	BMT-P.107	Double openable fix shutter window size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame section size 100 x 45mm , Glazed and flymesh shutter frame section size 52 x 25 mm ,Vertical mullion section size of 100 x 60 mm	1 sqm	6421
1021	BMT-P.108	Single fixed Louvers Ventilator window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 100 x 45mm, flymesh shutter frame section size 52 x 25 mm	1 sqm	4327
1022	BMT-P.109	Double fixed Louvers ventilator window Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 100 x 45mm, flymesh shutter frame section size 52 x 25 mm, vertical mullion section size of 100 x 60 mm	1 sqm	4327
1023	BMT-P.110	Double fixed Louvers Ventilator window size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size 100 x 45mm , flymesh shutter frame section size 52 x 25 mm Vertical mullion section size of 100 x 60 mm	1 sqm	4327
		Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		
1024	BMT-P.111	Providing, supplying & fixing of Fixed Louvered Ventilator made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The outer frame having an overall size of 60 x 55 mm with reinforcement of 1 mm thickness and Mullion with overall size of 74 x 60 mm with reinforcement of 1 mm thickness. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware. Wall thickness of frame & Mullion shall be 2.0 mm	1 sqm	5106
1025	BMT-P.112	Providing, supplying & fixing of Top hung Ventilator With Exhaust Fan Provision made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The outer frame having a overall size of 60 x 55 mm with reinforcement of 1 mm thickness, Mullion with overall size of 74 x 60 mm with reinforcement of 1 mm thickness and Sash with overall size of 75 x 60 mm with reinforcement of 1.5 mm thickness. Glazing bead for fixing of glass shall be of size 34 x 20 mm coextruded with gasket. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware, single point locking and friction stays. Wall thickness of frame, mullion and sash shall be 2.0 mm	1 sqm	7185
		Q. STRUCTURAL GLAZING		

1	2	3	4	5
1039	BMT-Q.01	<p>Providing and fixing Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72 mm and the glass holding section made of 304 grade stainless steel of 0.58 mm thick galvanized steel section as stiffeners inside the colour coated steel powder coated sections as per the design requirement & calculations to suit wind pressures as given in IS: 875, the primer coat with epoxy primer of 5 – 7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the vertical section of 50 mm x 99 mm x 0.72 mm, 33 mm x 56 mm x 0.72 mm for frame horizontal section, stiffener section of 47 mm x 97 mm x 1 mm, cover profiles sections of 20 mm x 58 mm x 0.58 mm, glass holding section of 37 mm x 37 mm & 37 mm x 18 mm including fixing 5mm thick Ocean Blue reflective glass, brackets made of CRCA powder coated/Electroplated to connect vertical to horizontal, vertical to slab, to fix verticals at top & bottom as per site requirement and gasket made of Ethyl Propylene Diamine Monomer, U.V. resistant silicon sealant including fixing in concrete/masonry wall with self-expanding cap & screws inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and fixing charges complete for finished item of work.</p>	1 Sqm	6197
1040	BMT-Q.02	<p>Providing and fixing Top Hung shutters in Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72 mm and the glass holding section made of 304 grade stainless steel of 0.58 mm thick, duly providing stiffeners inside the colour coated steel/powder coated sections as per the design requirement, calculations to suit wind pressures as given in IS 875 and primer coat with epoxy primer of 5-7 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the outer frame of 20 mm x 58 mm x 0.58 mm, shutter sections of 57 mm x 33 mm x 0.72 mm, stiffener sections of 55 mm x 31 mm x 1mm, hinges – 2 Nos for each shutter and aluminium Stays – 2 Nos. for each shutter, aluminium Handle – 1 no. for each shutter including cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and fixing charges etc for finished item of work</p>	1 Sqm	5009
1041	BMT-Q.03	<p>Supplying and fixing of curtain Glazing made of pre painted steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12- 16 microns thick and back coated with 5-7 microns thick alkyd backer using the section for outer frame of 46 x 52 mm, section for mullion of 46 x 70 mm and section for beading of 18 x 25 mm and the glazing with 5 mm thick plain float glass fitted with Ethyl Propylene diameine Monomer (EPDM) gaskets and the sections cut to length, mitre joined with corner bracket, centre mullions fixed suing mullion cap including handle made of high grade Aluminium powder coated and nylon receiver, corner brackets made of CRCA with zinc phosphating, mullion caps made of Glass filled nylon including fixing the frames in the concrete / masonry wall with self expanding screws, etc., complete for finished item.- Fixed Glazing 2'-0" x 2'-0" (609.6x609.6mm) grid outer frames section size of 46 x 52 mm</p>		5113
1042	BMT-Q.04	<p>Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm - Fixed Glazing 2'-0" x 3'-0" (609.6x914.4mm) grid outer frame section size of 46 x 52 mm</p>	1 Sqm	5113

1	2	3	4	5
1043	BMT-Q.05	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 3'-0" (914.4x914.4mm) grid outer frame section size of 46 x 52 mm	1 Sqm	4017
1044	BMT-Q.06	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 4'-0" (914.4x1219.2mm) grid outer frame section size of 46 x 52 mm	1 Sqm	4017
1045	BMT-Q.07	deleted		Deleted
1046	BMT-Q.08	deleted		Deleted
1047	BMT-Q.09	deleted		Deleted
1048	BMT-Q.10	deleted		Deleted
1049	BMT-Q.11	deleted		Deleted
1050	BMT-Q.12	deleted		Deleted
1051	BMT-Q.13	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Curtain Walling systems duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.5 mm for outer frames, 60 mm x 70 mm x 2.5 mm for casement shutter frames and the mullion sections are of 60 mm x 70 mm x 2.5 mm or 60 mm x 62 mm x 2.5 mm for sliding shutter outer frames and 77 mm x 38 mm x 2.5 mm for sliding shutter frames structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant and accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation for sliding window - clipping locking system 1 No. made of aluminium including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work		5870
1052	BMT-Q.14	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Fixed Glazing - 48 series duly manufactured using UPVC reinforced profiles of 60 mm x 48 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 76 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	2755
1053	BMT-Q.15	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Fixed Glazing - 56 series duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 70 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	3293
	S.	A. DISMANTLING clearing away and carefully stacking materials useful for reuse.		
1054	BMT-S.01	Stone masonry in cement mortar	1 Cum	361

1	2	3	4	5
1055	BMT-S.02	Terracing work in roofs or floors	10 Sqm	150
1056	BMT-S.03	Flat stones in roof or floors including lifting	10 Sqm	130
1057	BMT-S.04	Pan tiled or Mangalore tiled roof without roof timbers.	10 Sqm	110
1058	BMT-S.05	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	10 Sqm	130
1059	BMT-S.06	Wrought and framed timber in roofs or floors	1 Cum	188
1060	BMT-S.07	Old lime mortar plaster	10 Sqm	40
1061	BMT-S.08	Old cement mortar plaster	10 Sqm	50
1062	BMT-S.09	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	60
1063	BMT-S.10	Revetment for aprons and stacking grouted within 40 lead	1 Cum	44
1064	BMT-S.11	Kadapa slabs or Shahabad stone slabs flooring on sand bed	10 Sqm	60
1065	BMT-S.12	Through scraping of old plastered surface	10 Sqm	40
1066	BMT-S.13	Washing of plastered surface with soap, soda and water (or with soda lime and water)	10 Sqm	12
1067	BMT-S.14	clean removal of lime plaster from walls and raking out joints 20mm deep or from terraced roof and raking out joints 100 mm deep	10 Sqm	40
1068	BMT-S.15	Clean removal of cement plaster from walls and raking out joint 200 mm deep	10 Sqm	50
		T. READY MIX CONCRETE		
1069	BMT-T.01	Deleted		
1070	BMT-T.02	Deleted		
1071	BMT-T.03	Deleted		
1072	BMT-T.04	Deleted		
1073	BMT-T.05	Deleted		
		U. EXPANSION JOINT FILLERS		
1074	BMT-U.01	Supply of high performance expansion joint filler board conforming to M.O.S.T - 18 mm THICK	1 Sqm	627
1075	BMT-U.02	Supply of high performance expansion joint filler board conforming to M.O.S.T - 20 mm THICK	1 Sqm	703
1076	BMT-U.03	Supply of high performance expansion joint filler board conforming to M.O.S.T - 25 mm THICK	1 Sqm	879
1077	BMT-U.04	Supply of expansion joint filler board for buildings, columns, beams and slabs 20 mm THICK	1 Sqm	251
1078	BMT-U.05	Supply of expansion joint filler board for buildings, columns, beams and slabs 25 mm THICK	1 Sqm	314
1079	BMT-U.06	Supply of expansion joint filler board for buildings, columns, beams and slabs 50 mm THICK	1 Sqm	627
1080	BMT-U.07	Supply of back up to cold applied sealant in construction and longitudinal joint - 10 mm OD	1 RM	10
1081	BMT-U.08	Supply of back up to cold applied sealant in construction and longitudinal joint - 12 mm OD	1 RM	12
1082	BMT-U.09	Supply of back up to cold applied sealant in construction and longitudinal joint - 15 mm OD	1 RM	14
1083	BMT-U.10	Supply of back up to cold applied sealant in construction and longitudinal joint - 20 mm OD	1 RM	20
1084	BMT-U.11	Supply of back up to cold applied sealant in construction and longitudinal joint - 25 mm OD	1 RM	25
		V. LABOUR CHARGES		
1085	BMM-V.01	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 0.0 M to 1.0 M	1 cum	220

1	2	3	4	5
1086	BMM-V.02	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 1.0 M to 2.0 M	1 cum	260
1087	BMM-V.03	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 2.0 M to 3.0 M	1 cum	303
1088	BMM-V.04	Bailing out water for earth work excavation / for concrete foundation below water level. (For building items only) Sandy soil - 0.0 M to 1.0 M	1 cum	349
1089	BMM-V.05	Bailing out water for earth work excavation /for concrete foundation below water level. (For building items only) Sandy soil - 1.0 M to 2.0 M	1 cum	542
1090	BMM-V.06	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) Sandy soil - 2.0 M to 3.0 M	1 cum	655
1091	BMM-V.07	Labour charges for making, fabricating office furniture, racks, work-station furniture, cup-board shutters with ply-wood/ MDF sheets, decolam/ veneer laminations including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings	1 Sqm	550
1092	BMM-V.08	Labour charges for making, fabricating kitchen furniture, cup-boards with shutters, box cup-boards, box racks, with ply-wood/ MDF sheets, decolam/ veneer laminations including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings	1 Sqm	840
1093	BMM-V.09	Rounding the edges of Kadapa / Shahabad stone slabs of any thickness including polishing the same	1 Rm	95
1094	BMM-V.10	Half Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	289
1095	BMM-V.11	Full Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	374
1096	BMM-V.12	Machine Cutting charges - for Marble/ Granite slabs up to 50 mm thick by mechanical device.	1 RM	15
1097	BMM-V.13	Flat nosing to Kadapa/ Shahabad stone slabs of any thick	1 Rm	45
1098	BMM-V.14	Labour charges for fabricating steel works like Window Grills, Compound Wall Grills, Iron Doors, Windows including cost of welding rods, power charges, excluding cost of fixing in position	1 Kg	24
1099	BMM-V.15	Labour charges for fixing Iron Doors, Iron Windows and Window Grills in position	1 Kg	4
1100	BMM-V.16	Labour charges for fabricating all heavy steel works like Trusses, Stanchions, Heavy Beams and Girders including cost of welding rods, power charges, etc excluding cost of fixing in position	1 Kg	21
1101	BMM-V.17	Labour charges for fixing heavy iron grills, Trusses, Stanchions, Heavy Beams and Girders erecting in position and fixing by using chain pulley blocks, Derek pole arrangements and cranes etc., complete in position	1 Kg	19
1102	BMM-V.18	Labour charges for Fabrication of stainless steel railing works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 Kg	119
1103	BMM-V.19	Labour charges for Fabrication of stainless steel sheet cladding works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 sqm	1596
1104	BMM-V.20	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Etching works	1 Sqm	868
1105	BMM-V.21	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Reverse Etching work	1 Sqm	1074
1106	BMM-V.22	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Acid wash works	1 Sqm	1342

1	2	3	4	5
1107	BMM-V.23	Labour charges for fixing Flush door shutters of any thickness to the existing door frame including fixing the fixtures to the door shutter excluding cost of shutter	1 Sqm	348
1108	BMM-V.24	Labour charges for fixing glass panes of any thickness to the existing door / window panes including fixing the beading excluding cost of beading	1 Sqm	260
1109	BMM-V.25	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Fully panelled doors external or internal including frame	1 sqm	1427
1110	BMM-V.26	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Glazed and panelled doors including fixing glass including frame	1 sqm	1349
1111	BMM-V.27	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Framed and planked doors including frame	1 sqm	1183
1112	BMM-V.28	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Ledged, braced and planked doors including frame	1 sqm	925
1113	BMM-V.29	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Flush type door shutter including frame	1 sqm	713
1114	BMM-V.30	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows glazed including outer frame and shutter frame	1 sqm	913
1115	BMM-V.31	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows panelled including outer frame and shutter frame	1 sqm	1377
1116	BMM-V.32	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows ledged, braced and planked including outer frame	1 sqm	940
1117	BMM-V.33	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows framed and planked including outer frame and shutter frame	1 sqm	1124
1118	BMM-V.34	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Ventilators glazed, fixed with double frame with wire netting including frame	1 sqm	757
1119	BMM-V.35	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Swing ventilators glazed including outer frame and shutter frame	1 sqm	957
1120	BMM-V.36	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Weld mesh doors and windows including outer frame and shutter frame	1 sqm	538
1121	BMM-V.37	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood G.I or .AC sheet door & windows including outer frame and shutter frame	1 sqm	626
1122	BMM-V.38	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Fully panelled doors external or internal including frame	1 sqm	1320

1	2	3	4	5
1123	BMM-V.39	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Glazed and panelled doors including fixing glass including frame	1 sqm	1261
1124	BMM-V.40	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Framed and planked doors including frame	1 sqm	1094
1125	BMM-V.41	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Ledged, braced and planked doors including frame	1 sqm	856
1126	BMM-V.42	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Flush type door shutter including frame	1 sqm	685
1127	BMM-V.43	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows glazed including outer frame and shutter frame	1 sqm	854
1128	BMM-V.44	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows panelled including outer frame and shutter frame	1 sqm	1273
1129	BMM-V.45	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows ledged, braced and planked including outer frame	1 sqm	870
1130	BMM-V.46	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows framed and planked including outer frame and shutter frame	1 sqm	1039
1131	BMM-V.47	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Ventilators glazed, fixed with double frame with wire netting including frame	1 sqm	736
1132	BMM-V.48	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Swing ventilators glazed including outer frame and shutter frame	1 sqm	920
1133	BMM-V.49	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Weld mesh doors and windows including outer frame and shutter frame	1 sqm	511
1134	BMM-V.50	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood G.I or .AC sheet door & windows including outer frame and shutter frame	1 sqm	598
1135	BMM-V.51	Grooves 2-3 mm	1 Rm	50
W. MISCELLANEOUS ITEMS				
1136	BMS-W.01	Supplying Aluminium anodised Sections for Doors, partitions, windows, Ventilators (including annodization cost)	1 Kg	306
1137	BMS-W.02	Sun Control film to the glazed windows partition including labour charges.	1 sqm	313
1138	BMS-W.03	Aluminium Venetian Blinds horizontal 25.4 mm wide with all accessories.	1 sqm	798
1139	BMS-W.04	Aluminium Venetian Blinds horizontal 20.0 mm wide with all accessories.	1 sqm	760
1140	BMS-W.05	Venetian blinds Vertical blinds 100 mm wide with all accessories.	1 sqm	1290

1	2	3	4	5
1141	BMS-W.06	Rubber Beading	1 RM	2
1142	BMS-W.07	S&F of marblex flooring with 2.0 mm thick in rolls.	1 sqm	Deleted
1143	BMS-W.08	S&F Vinyl Flooring with 1.5 mm thick in rolls	1 sqm	Deleted
1144	BMS-W.09	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	1 Litre	217
1145	BMS-W.10	Soft Brush	Each	126
1146	BMS-W.11	Wire Brush	Each	28
1147	BMS-W.12	Supplying and fixing aluminium composite cladding with skin material 0.25 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding - 3 mm thk	1 Sqm	2199
1148	BMS-W.13	Supplying and fixing aluminium composite cladding with skin material 0.25 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding - 4 mm thk	1 Sqm	2398
1149	BMS-W.14	Supplying and fixing aluminium composite cladding with skin material 0.5 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding - 4 mm thk	1 Sqm	2690
1150	BMS-W.15	CEMENT JALI - 25 mm thick	1 sqm	192
1151	BMS-W.16	CEMENT JALI - 40 mm thick	1 sqm	249
1152	BMS-W.17	CEMENT JALI - 50 mm thick	1 sqm	342
1153	BMS-W.18	Aluminium sheet 24 Gauge	1 Sqm	257
1154	BMS-W.19	7.5mm thick Aluminium Grill (as approved by the department) 3.58 Kg/Sqm.	1 Sqm	946
1155	BMS-W.20	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1" (25.4 mm) thick	1 Sqm	
1156	BMS-W.21	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1/2" (12.7 mm) thick	1 Sqm	483
1157		Supply of hot pressed compression moulded sign plates for making road signs ass per the approved dimensions of National Highway Authority Of India, complete, for finished item of work.		
1158	BMS-W.22	Circular sign plate Dia 400mm.	Each.	491
1159	BMS-W.23	Circular sign plate Dia 600mm.	Each.	1290
1160	BMS-W.24	Circular sing plate Dia 870mm	Each.	2585

1	2	3	4	5
1161	BMS-W.25	Triangular sign plate 600mm.	Each.	662
1162	BMS-W.26	Triangular sign plate 900mm.	Each.	1496
1163	BMS-W.27	Square sign plate 600mm.	Each.	1199
1164	BMS-W.28	Square sign plate 1000mm.	Each.	
1165	BMS-W.29	Supply of Polyethylene water storage tank double layer conforming to IS:12701-1996 with lid.	Litre.	7
1166		Design, fabrication & supply of light weight pre engineered buildings for a maximum span of 9 metres with 50 x 50 x 2.8 mm M.S hollow square tubes for columns, trusses & purlins walls with sandwich panels made up of 2 Nos 10mm thick cement bonded particle/ fibre boards with 25mm thick 12 kg/cum density expanded polystyrene in between encased in 1.25 mm thick 24x7x26 mm 'W' tracks in bottom & top and 'H' section for sides with doors, windows & ventilators, roofing with 26 gauge pre painted profiled sheets fixed with self tapping/ drilling screws, painting with enamel paint for steel items, OBD for interiors and ace for exteriors & providing base plates, templates & anchor bolts along with civil foundation designs & drawings for the finished item of work		0
1167	BMS-W.30	Steel Structure: - Structure is made up of 50x50X 2.8 m/33x66x2.8mm thick hollow M.S. sections for Trusses, columns, and purlins. - Columns	1 RM	345
1168	BMS-W.31	Steel Structure: - Structure is made up of 50x50X 2.8 m/33x66x2.8mm thick hollow M.S. sections for Trusses, columns, and purlins. Trusses	1 RM	Deleted
1169	BMS-W.32	10 mm thick 200x200 mm M.s. plates for base plates, 250 mm long 12mm Φ anchor bolts with plate washer and nuts complete with one coat of Asian or equivalent red oxide paint.	Each	Deleted
1170	BMS-W.33	Sandwich panels: Sandwich panels of 50 mm thick with 25 mm thermocol of 12 kg / cum, fixed in between 2 Nos 10 mm cement bonded wood particle / fibre boards properly fixed together with 30 mmx30mmx30mm wood pieces along width & length wherever necessary	1 Sqm	1249
1171	BMS-W.34	'U' Tracks & 'H' Section:- Bottom & Top 'U' Tracks are made of 1.25 mm thick 120 GSM G.I. Sheet of size 24x51x26 mm size.	1 RM	134
1172	BMS-W.35	Fabricated 'H' sections are made up of 2 Nos 1.25 mm thick C.R. Of 40 mm width for flanges and 1 Nos of 2 mm thick C.R. of 50 mm width plate for web. will be used	1 RM	194
1173	BMS-W.36	Sandwich Panel joinery is made up of couplers or equivalent made from 0.6 mm G.I. roll formed section to hold 2 Nos of 10 mm board on both sides with 25 mm thermocol in between.	1RM	221
1174	BMS-W.37	Window:- windows are made up of 51 x51 mm step 'U' section made from 1.25 thick MS Cold rolled Steel Sheet and Windows Shutters & Grill are made of 48x25mm mm size pre painted section with 4 mm glass complete with necessary hardware. Grills are made from 8 mm square rod at 100 mm spacing.	1 Sqm	4010
1175	BMS-W.38	Door Frames :-51 X 51 Stepped 'U' section made from 1.25 mm thick C.R. section with a 32 mm rebate for 30 mm flush door and Door Shutters with 30 mm thick block board / flush doors with boiling water proof plywood complete with necessary Hard ware.	1 Sqm	3838
1176	BMS-W.39	Ventilators:- Ventilators are made of 51x51 mm step 'U' section made From 1.25 mm thick C.R. sheet with fixed louvers and glass.	1 Sqm	4917
1177	BMS-W.40	Painting:-1) Steel structure is to be painted with 2 coats of Grade I enamel paint.	1 Sqm	124
1178	BMS-W.41	2) Exterior walls are painted with one coast of primer and 2 coats of exterior emulsion paint .	1 Sqm	111
1179	BMS-W.42	3) Interiors are painted with 1+2 coat of O.B.D.	1 Sqm	97

1	2	3	4	5
1180	BMS-W.43	Toilets: - Toilets are provided as per plan with a provision for fixing the wash basin, W.C. etc only is made with M.S. steel section secured to the walls with toilet bracket provision excluding cost of WC/ Wash basin etc	Each	
1181	BMS-W.44	Sun shades: - Sun shades will be provided wherever necessary with 300 mm more than the width of window. 25x25 mm angle frame to cover 450 mm in the front and the sides. 10mm cement bonded particle board will be fixed on the frame work and sealed with green paste or equivalent.	Each	
1182	BMS-W.45	Roofing: - Roofing will be provided with 0.5mm thick galvanized / pre painted G.I. profiled sheets fixed to the purlins with 14 size self drilling screws with neoprene washer. Side laps are stitched with self tapping / drilling screws. End laps are to be sealed with 25x3 mm Butyl tape. The sheets are provided with anti capillary groove.	1 Sqm	
1183	BMS-W.46	Supply and fixing of factory made Bathroom door frames without threshold, fabricated from pre-painted cold roll formed section 50mm x 50 mm made of galvanized (base steel as per IS – 513 'D' quality, galvanized as per IS-277 with Zinc of 120 Gms/sqm) steel colour coated sections with total coated thickness of 1 mm, primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns and the frame section filled with polyurethane (P.U. Foam) of 40 Kg/Cum; and the sections cut to length and mitre joined by means of 1.25mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25mm thick electroplated stiffeners of size 150mm for fixing hold fasts and hinges together with the following MS Power coated fitting (Supply and fixing) of approved make.	1 RM	428
1184		a) 6 Nos M.S. Z. Type hold fasts made of 30mm x 3 mm MS flat of 230mm long, 3 Nos each side expandable PVC covered screw type fasteners		0
1185		b) 2.5 mm x 300 mm long 'T' hinges / 2.5mm x 50 mm x 100mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf /leaf)		0
1186		c) 12 mm Dia MS tie rod at bottom with necessary size of nuts on either side.		0
1187	BMS-W.47	Preparing gabions with jungle wood	Each	3
1188	BMS-W.48	Planting plants	Each	2
1189	BMS-W.49	Pruning plants	Each	2
1190	BMS-W.50	Maintaining avenues including fencing, weeding, mulching, watering etc per plant.	Each	6
1191	BMS-W.51	- do - When scattered in hot weather with extra conveyance from March to June	Each	6
1192	BMS-W.52	Hoisting or lowering of slab	1 cum	89
1193	BMS-W.53	Dressing faces of granite stone (double line dressing)	1 Sqm	148
1194	BMS-W.54	Dressing faces of other than granite stone(double line dressing)	1 Sqm	92
1195	BMS-W.55	Supply of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	388
1196	BMS-W.56	Supply of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	378

1	2	3	4	5
1197	BMS-W.57	Supply of Pre-painted Galvanized Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	340
1198	BMS-W.58	Supply of Pre-painted Galvanized Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	320
1199	BMS-W.59	Supply of Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L-Flashing, Down Pipes, Gutter etc., with 0.50mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	261
1200	BMS-W.60	Supply of Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L-Flashing, Down Pipes, Gutter etc., with 0.47mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	233
1201	BMS-W.61	75 mm long screws -	1 Each	3
1202	BMS-W.62	G.I scam bolts & nuts	1 Each	4
1203	BMS-W.63	G.I bolts & nuts	1 Each	4
1204	BMS-W.64	G.I 'J' bolts 8 mm dia	1 Each	9
1205	BMS-W.65	G.I Washers	1 Each	1
1206	BMS-W.66	Limpet washers (for scam & 'J' bolts)	1 Each	1
1207	BMS-W.67	Bitumen washers	1 Each	1
1208	BMS-W.68	White Cement	1 Kg	25
1209	BMS-W.69	MS Z Hold fasts - 300 mm long of 40 x 40 x 5 mm ISA	1 Each	30
1210	BMS-W.70	Rubber/ Nylon door stop bushes	1 Each	9
1211	BMS-W.71	Nylon rollers for sliding glasses/ alluminium windows	1 Each	13
1212	BMS-W.72	Powder coating or colour annodization- any section	1 RM	43
1213	BMS-W.73	Continuous Piano Hinges Powder coated Mild steel as per IS-3818 : 1992 of nominal size 25 mm (B) of thickness 0.8 to 1.0 mm	1 RM	30
1214	BMS-W.74	Box hinges for cup boards	1 Each	38
1215	BMS-W.75	Magnetic Catchers	1 Each	13
1216	BMS-W.76	Drilling holes in hard rock surfaces up to 18mm dia	1 RM	179
1217	BMS-W.77	Drilling holes in hard rock above 18mm dia	1 RM	249
1218	BMS-W.78	Making holes up to 18mm dia in RCC/ any stones up to 50 mm thick	1 Each	30
1219	BMS-W.79	Making holes above 18mm dia in RCC/ any stones above 50 mm thick	1 Each	42
1220	BMS-W.80	Pressure grouting the drilled holes with neat cement slurry or with approved epoxy bonding agent using pump	1 Each	43
1223	X.	MACHINERY CHARGES, HIRE CHARGES FOR CENTRING		
1224	BMC-X.01	Machine charges of rubbing/ polishing floor	1 day	1673

1	2	3	4	5
1225	BMC-X.02	Power Saw Cutter - Hand Operated - Hire charges	1 Hr	97
1226	BMC-X.03	Power Drill - Hand Operated - Hire Charges	1 Hr	90
1227	BMC-X.04	Grinding Mortar (Spl Grinding)	1 day	836
1228	BMC-X.05	Casuarina Balli Props - 3" to 4" dia - 12'-0" Height	Each	57
1229	BMC-X.06	Casuarina Balli Props - 4" to 8" dia - 20'-0" Height	Each	94
1230	BMC-X.07	Wall Plate Brackets / beam bottom supports	Each	165
1231	BMC-X.08	Wedge Plate fixture	Each	8
1232	BMC-X.09	Runner beams of approximately 4" x 4" size	RM	331
1233	BMC-X.10	Steel Plates for form works	1 sqm	1255
1234	BMC-X.11	Scaffolding Pipes & Centering accessories	1 Kg	94
1235	BMC-X.12	Scaffold Boards - Bamboo scaffolds - Bamboos - 8'0" long	Each	101
A		S.W.G. PIPES & FITTINGS		
1	BMW-A.01	Supplying, laying, jointing and testing 101.6 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. Including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	151
2	BMW-A.02	Supplying, laying, jointing and testing 101.6 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0") depth and refilling with watering and tamping.	1 RM	150
3	BMW-A.03	Supplying, laying, jointing and testing 152.4 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	333
4	BMW-A.04	Supplying, laying, jointing and testing 152.4 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0") depth and refilling with watering and tamping.	1 RM	325
5	BMW-A.05	labour charges only for laying, jointing and testing SWG pipes of any dia with air tight cement joints including excavation of trenches and socket pits in any soil up to 914.4 mm (3'0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	232
6	BMW-A.06	labour charges only for laying, jointing and testing SWG pipes of any dia with airtight cement joints including excavation of trenches and socket pits in any soil up to 1524 mm (5'-0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	288
7	BMW-A.07	a)Supplying, laying, jointing and testing 152.4 mm CC bed 1:2:4 Prop: using 19.05mm gauge graded granite metal chips and cradling 101.6 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	196
8	BMW-A.08	b) - do - labour charges only	1 RM	10
9	BMW-A.09	a)Supplying , laying, jointing and testing 152.4 mmCC bed 1:2:4 Prop: using 19.05mm gauge graded granite metal chips and cradling 152.4 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	236

1	2	3	4	5
10	BMW-A.10	b) - do - labour charges only	1 RM	49
11	BMW-A.11	a) Supplying & Laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	43
12	BMW-A.12	b) - do - labour charges only	1 RM	37
13	BMW-A.13	a) Supplying & Laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	95
14	BMW-A.14	b) - do - labour charges only	1 RM	51
15	BMW-A.15	Supply of SWG SP-1 Pipe conforming to ISI 651- 4" dia (101.6mm)	1 RM	154
16	BMW-A.16	Supply of SWG SP-1 Pipe conforming to ISI 651- 6" dia (152.4mm)	1 RM	267
17	BMW-A.17	Supply of SWG SP-1 Pipe conforming to ISI 651-8" dia (203.2mm)	1 RM	412
18	BMW-A.18	Supply of SWG SP-1 Pipe conforming to ISI 651- 10" dia (254 mm)	1 RM	755
19	BMW-A.19	Supply of SWG SP-1 Pipe conforming to ISI 651- 12" dia (300 mm)	1 RM	1088
20	BMW-A.20	Supply of SWG SP-1 Pipe conforming to ISI 651- 14" dia (350 mm)	1 RM	1481
21	BMW-A.21	Supply of SWG SP-1 Pipe conforming to ISI 651- 16" dia (400 mm)	1 RM	1786
22	BMW-A.22	Supply of SWG SP-1 Pipe conforming to ISI 651- 18" dia (450 mm)	1 RM	2156
23	BMW-A.23	Supply of SWG SP-2 Pipe conforming to ISI 651- 4" dia (101.6mm)	1 RM	190
24	BMW-A.24	Supply of SWG SP-2 Pipe conforming to ISI 651- 6" dia (152.4mm)	1 RM	282
25	BMW-A.25	Supply of SWG SP-2 Pipe conforming to ISI 651-8" dia (203.2mm)	1 RM	509
26	BMW-A.26	Supply of SWG SP-2 Pipe conforming to ISI 651- 10" dia (254 mm)	1 RM	800
27	BMW-A.27	Supply of SWG SP-2 Pipe conforming to ISI 651- 12" dia (300 mm)	1 RM	1230
28	BMW-A.28	Supply of SWG SP-2 Pipe conforming to ISI 651- 14" dia (350 mm)	1 RM	1594
29	BMW-A.29	Supply of SWG SP-2 Pipe conforming to ISI 651- 16" dia (400 mm)	1 RM	1836
30	BMW-A.30	Supply of SWG SP-2 Pipe conforming to ISI 651- 18" dia (450 mm)	1 RM	2344
31	BMW-A.31	Supply of SWG SP-3 Pipe conforming to ISI 651- 4" dia (101.6mm)	1 RM	242
32	BMW-A.32	Supply of SWG SP-3 Pipe conforming to ISI 651- 6" dia (152.4mm)	1 RM	353
33	BMW-A.33	Supply of SWG SP-3 Pipe conforming to ISI 651-8" dia (203.2mm)	1 RM	624
34	BMW-A.34	Supply of SWG SP-3 Pipe conforming to ISI 651- 10" dia (254 mm)	1 RM	948
35	BMW-A.35	Supply of SWG SP-3 Pipe conforming to ISI 651- 12" dia (300 mm)	1 RM	1325
36	BMW-A.36	Supply of SWG SP-3 Pipe conforming to ISI 651- 14" dia (350 mm)	1 RM	1683
37	BMW-A.37	Supply of SWG SP-2 Pipe conforming to ISI 651- 16" dia (400 mm)	1 RM	1937
38	BMW-A.38	Supply of SWG SP-3 Pipe conforming to ISI 651- 18" dia (450 mm)	1 RM	2635
39	BMW-A.39	Supply of SWG Bends conforming to IS standards -100 mm dia	Each	77
40	BMW-A.40	Supply of SWG Bends conforming to IS standards -150 mm dia	Each	143

1	2	3	4	5
41	BMW-A.41	Supply of SWG Bends conforming to IS standards -200 mm dia	Each	270
42	BMW-A.42	Supply of SWG Bends conforming to IS standards -250 mm dia	Each	547
43	BMW-A.43	Supply of SWG Bends conforming to IS standards -300 mm dia	Each	694
44	BMW-A.44	Supply of SWG Bends conforming to IS standards -350 mm dia	Each	867
45	BMW-A.45	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 100 x 100	Each	149
46	BMW-A.46	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 100	Each	219
47	BMW-A.47	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 150	Each	239
48	BMW-A.48	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 100	Each	340
49	BMW-A.49	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 150	Each	398
50	BMW-A.50	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 200	Each	457
51	BMW-A.51	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 100	Each	537
52	BMW-A.52	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 150	Each	708
53	BMW-A.53	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 200	Each	877
54	BMW-A.54	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 250	Each	1049
55	BMW-A.55	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 100	Each	765
56	BMW-A.56	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 150	Each	980
57	BMW-A.57	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 200	Each	1195
58	BMW-A.58	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 250	Each	1411
59	BMW-A.59	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 300	Each	1625
60	BMW-A.60	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 100	Each	955
61	BMW-A.61	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 150	Each	1224
62	BMW-A.62	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 200	Each	1493
63	BMW-A.63	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 250	Each	1760
64	BMW-A.64	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 300	Each	2030
65	BMW-A.65	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 350	Each	2297
66	BMW-A.66	Supply of SWG Plugs conforming to IS standards for 100 mm dia	Each	28
67	BMW-A.67	Supply of SWG Plugs conforming to IS standards for 150 mm dia	Each	54
68	BMW-A.68	Supply of SWG Plugs conforming to IS standards for 200 mm dia	Each	102
69	BMW-A.69	Supply of SWG Plugs conforming to IS standards for 250 mm dia	Each	177
70	BMW-A.70	Supply of SWG Plugs conforming to IS standards for 300 mm dia	Each	280
71	BMW-A.71	Supply of SWG Plugs conforming to IS standards for 350 mm dia	Each	351

1	2	3	4	5
72	BMW-A.72	Supplying & fixing 150 mm x 100 mm SWG gully traps conforming to ISI 651 & 4127 with C.I Grating & Cost. Brick masonry in CM 1:6 prop. Intermediate chamber and fitted with 304.8 mm x 288.6mm (12"x9") C.I Frame and hinged cover	Each	457
73	BMW-A.73	Supply of SWG Gully Traps (Round & Square) conforming to IS standards 150 x 100 mm	Each	190
74	BMW-A.74	Labour charges for fixing and laying the SWG Junctions/ Plugs/ Bends of any dia with airtight cement joints as per standard practice	Each	30
75	BMW-A.75	Supply of SWG Saddles conforming to IS standards 150 x 100 mm		156
76	BMW-A.76	Supply of SWG Saddles conforming to IS standards 200 x 100 mm		270
77	BMW-A.77	Supply of SWG Saddles conforming to IS standards 250 x 100 mm		436
B		MAN HOLES & INSPECTION CHAMBERS -AS PER - IS 4111 : Part 1 : 1986		
78	BMW-B.01	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using fly-ash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	5723
79	BMW-B.02	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using fly-ash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	9005
80	BMW-B.03	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	5543

1	2	3	4	5
81	BMW-B.04	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.m including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	8657
82	BMW-B.05	Constructing 914.4 mm x 457.2 mm (3'0"x1'6") brick in CM 1:6 prop. Masonry Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 914.4 mm x 457.2 mm (3'0"x1'6") C.I frame and cover of 40 Kg.	Each	5396
83	BMW-B.06	Constructing 457.2 mm x 457.2 mm (1'6"x1'6") brick in CM 1:6 prop. Masonry. Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 457.2 mm x 457.2 mm (1'6"x1'6") C.I frame and cover of 20 Kg.	Each	3253
84	BMW-B.07	a) Making drainage connection in the existing inspection including all repairs	Each	107
85	BMW-B.08	b) - do - labour charges only	Each	71
C		C.I. PIPES & FITTINGS -AS PER - IS 1729:1979 (Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)		
		Supplying and fixing of C.I. Single/ Double Socket soil pipes ISI marked conforming to IS:1729-1979 of reputed make with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar (1½:1) and including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete		
86	BMW-C.01	3" dia (76.2 mm) Single Socket	1 RM	453
87	BMW-C.02	4" dia (101.6mm) Single Socket	1 RM	656
88	BMW-C.03	6" dia (152.4mm) Single Socket	1 RM	1166
89	BMW-C.04	3" dia (76.2 mm) Double Socket	1 RM	514
90	BMW-C.05	4" dia (101.6mm) Double Socket	1 RM	750
91	BMW-C.06	6" dia (152.4mm) Double Socket	1 RM	1372
92	BMW-C.07	Labour charges only for fixing of C.I. Single/ Double Socket soil pipes of any dia with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar and including fixing of M.S. clamps if necessary with required nails	1 RM	227
93	BMW-C.08	Supplying & fixing CI Plain bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (76.2 mm)	Each	190
94	BMW-C.09	Supplying & fixing CI Plain bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 4" dia (101.6 mm)	Each	259

1	2	3	4	5
95	BMW-C.10	Supplying & fixing CI Plain bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 6" dia (152.4 mm)	Each	469
96	BMW-C.11	Supplying & fixing CI Plug (Door) bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (76.2 mm)	Each	251
97	BMW-C.12	Supplying & fixing CI Plug (Door) bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 4" dia (101.6 mm)	Each	326
98	BMW-C.13	Supplying & fixing CI Plug (Door) bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 6" dia (152.4 mm)	Each	784
99	BMW-C.14	Labour charges only for fixing CI Plain/ Plug (Door) bends with cement caulked joints and fixing as per site requirements with standard practice	Each	72
100	BMW-C.15	Supplying and fixing of 76.2 mm (3") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	307
101	BMW-C.16	Supplying and fixing of 101.6 mm (4") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	529
102	BMW-C.17	Supplying and fixing of 152.4 mm (6") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	1372
103	BMW-C.18	Supplying and fixing of 76.2 mm (3") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	244
104	BMW-C.19	Supplying and fixing of 101.6 mm (4") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	366
105	BMW-C.20	Supplying and fixing of 152.4 mm (6") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	999
106	BMW-C.21	Labour charges only fixing CI soil single junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	101
107	BMW-C.22	Supplying and Fixing of 76.2 mm (3") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	515
108	BMW-C.23	Supplying and Fixing of 101.6 mm (4") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	644
109	BMW-C.24	Supplying and Fixing of 152.4 mm (6") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	1616
110	BMW-C.25	Supplying and Fixing of 76.2 mm (3") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	434
111	BMW-C.26	Supplying and Fixing of 101.6 mm (4") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	596
112	BMW-C.27	Supplying and Fixing of 152.4 mm (6") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	1509
113	BMW-C.28	Labour charges only fixing CI soil Double junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	98
114	BMW-C.29	Supplying and Fixing of 75mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing-for 76.20 mm (3") C.I. Pipe	Each	215
115	BMW-C.30	Supplying and Fixing of 75mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing-for 101.6 mm (4") C.I. Pipe	Each	316
116	BMW-C.31	Supplying and Fixing of 75mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing-for 152.4 mm (6") C.I. Pipe	Each	735
117	BMW-C.32	Supplying and Fixing of 115 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing- for 76.20 mm (3") C.I. Pipe	Each	264
118	BMW-C.33	Supplying and Fixing of 115 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing- for 101.6 mm (4") C.I. Pipe	Each	363

1	2	3	4	5
119	BMW-C.34	Supplying and Fixing of 115 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing- for 152.4 mm (6") C.I. Pipe	Each	753
120	BMW-C.35	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixingfor 76.20 mm (3") C.I. Pipe	Each	310
121	BMW-C.36	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixingfor 101.6 mm (4") C.I. Pipe	Each	413
122	BMW-C.37	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing for 152.4 mm (6") C.I. Pipe	Each	882
123	BMW-C.38	Labour charges only fixing CI soil Offsets with cement caulked joints and fixing as per site requirements with standard practice	Each	45
124	BMW-C.39	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practicefor nominal dia 75 mm (3") and grating size 165 mm dia of weight not less than 5.5 Kgs	Each	408
125	BMW-C.40	Supplying & fixing CI floor traps 1st quality ISI marked with C.P. Grating fixing with white cement as per site requirements with standard practicefor nominal dia 100 mm (4") and grating size 100 mm dia of weight not less than 6 Kgs	Each	511
126	BMW-C.41	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practicefor nominal dia 75 mm (3") and grating size 100 mm dia of weight not less than 4.0 Kgs	Each	230
127	BMW-C.42	Labour charges only for fixing CI Nahany/ Floor traps with C.P. Grating fixing with white cement as per site requirements with standard practice	Each	50
128	BMW-C.43	Boxing of Nahany traps in RCC floors	Each	162
129	BMW-C.44	Boxing of W.C Trap in R.C.C floors	Each	326
130	BMW-C.45	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 76.20 mm (3") C.I. Pipe	Each	154
131	BMW-C.46	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 101.6 mm (4") C.I. Pipe	Each	193
132	BMW-C.47	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 152.4 mm (6") C.I. Pipe	Each	554
D		VITREOUS CHINAWARE - SANITARY APPLIANCES as per IS:2556 – 1974 (Materials shall be procured from the list of approved Brands/Manufacturers/ Suppliers)		
133	BMW-D.01	Supplying & Fixing Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap: 580 mm Long	Each	634
134	BMW-D.02	Supplying & Fixing Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap: 630 mm Long	Each	634
135	BMW-D.03	Labour charges only for fixing Indian patternW.C with "P" or "S" trap	Each	302
136	BMW-D.04	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap: 580 mm x 440 mm	Each	1026
137	BMW-D.05	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap: 630 mm x 450 mm	Each	1095

1	2	3	4	5
138	BMW-D.06	Labour charges only Fixing Orissa pan W.C with "P" or "S" trap	Each	377
139	BMW-D.07	Supplying & Fixing porcelain foot rest for squatting I.W.C. (Rectangular pair) of sizes 250 mm x 125 mm x 15 mm thick each foot rest 1st quality ISI marked conforming to IS:2556-Part-10:1974	Pair	216
140	BMW-D.08	Labour charges only for fixing porcelain foot rest for squatting I.W.C. (Rectangular pair)	Pair	69
141	BMW-D.09	Providing Brick masonry seat for Orissa pan/ Indian W.C. using 2nd class bricks as per standard practice	Each	279
142	BMW-D.10	Providing Cement Concrete Squatting plate for Orissa pan/ Indian W.C. in P.C.C. 1:2:4 as per standard practice	Each	83
143	BMW-D.11	Supplying & Fixing low down porcelain flushing tank 10 Lit Capacity with internal components	Each	1706
144	BMW-D.12	Labour charges only for fixing low down porcelain flushing tank with internal components	Each	528
145	BMW-D.13	Supplying and Fixing European Water Closet of 1st quality conforming to IS:2556-Part-2-1973 of white glazed with 'P' trap	Each	1520
146	BMW-D.14	Supplying and Fixing European Water Closet of 1st quality conforming to IS:2556-Part-2-1973 of white glazed with 'S' trap	Each	1446
147	BMW-D.15	Labour charges only for fixing European Water Closet with 'P' or 'S' trap as per standard practice	Each	264
148	BMW-D.16	Supplying and Fixing best Indian make plastic seat and lid for European water closets with rubber or plastic Buffers as per IS 2548-1996	Each	693
149	BMW-D.17	Labour charges only for fixing plastic seat and lid for European water closet	Each	76
150	BMW-D.18	Supply, Installation and commissioning approved make floor mounted Close coupled EWC suit CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: White Colour	Each	7918
151	BMW-D.19	Supply, Installation and commissioning approved make floor mounted Close coupled EWC suit CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: Coloured - Grade - I / Grade - II	Each	11719
152	BMW-D.20	Supply, Installation and commissioning approved make floor mounted close coupled EWC suit CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: Special Colour - Grade - III	Each	15015
153	BMW-D.21	Supplying & Fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 660 x 460 mm - Single C.P. Pillar cock	Each	1986

1	2	3	4	5
154	BMW-D.22	Supplying & Fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 630 x 450 mm - Single C.P. Pillar cock	Each	1722
155	BMW-D.23	Supplying & Fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 630 x 450 mm - Double C.P. Pillar cock	Each	2184
156	BMW-D.24	Supplying & Fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 550 x 400 mm - Single C.P. Pillar cock	Each	1195
157	BMW-D.25	Supplying & Fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 550 x 400 mm - Double C.P. Pillar cock	Each	1524
158	BMW-D.26	Supplying & Fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 450 x 300 mm - Single C.P. Pillar cock	Each	997
159	BMW-D.27	Supplying & Fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 450 x 300 mm - Double C.P. Pillar cock	Each	1393
160	BMW-D.28	Labour charges only for fixing Indian make Flat Back Wash Hand Basin with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting Pillar Taps complete with standard CI brackets including wooden block	Each	321
161	BMW-D.29	Supplying and Fixing Pedestal for Wash Hand Basin (H.S.W / Parry / Earthenware)	Each	952
162	BMW-D.30	Labour charges only for fixing pedestal for wash hand basin	Each	136
163	BMW-D.31	Supplying & Fixing 31.75 mm C.P bottle trap (Heavy type) Parryware or equivalent	Each	338
164	BMW-D.32	Labour charges only for fixing bottle trap to the wash hand basin	Each	45

1	2	3	4	5
165	BMW-D.33	Supplying & Fixing white glazed flat back Bowl urinals of size 440 mm x 265 mm x 315 mm with internal flushing rim fixed with screws complete Indian make conforming to IS:2556-1995	Each	663
166	BMW-D.34	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian make : 410 x 265 x 305 mm	Each	2245
167	BMW-D.35	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian make : 590 x 375 x 390 mm	Each	2509
168	BMW-D.36	Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete	Each	128
169	BMW-D.37	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556-Part-5-1994 on cantilever brackets with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 : 600 x 400 x 250	Each	3896
170	BMW-D.38	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556-Part-5-1994 on cantilever brackets with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 : 750 x 450 x 250	Each	4423
171	BMW-D.39	Labour charges only for fixing Vitreous china porcelain sinks with waste fittings, rubber plug, chain, cantilever brackets etc.	Each	321
172	BMW-D.40	a) S & F 609.6 x 457.2 x 254 mm RCC terrazzo finished sink(or constructed at site with 50.8mm thick) brass plug and chain including CI cantilever brackets	Each	140
173	BMW-D.41	b) - do - labour charges only	Each	225
E		TAPS & FAUCETS(Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)		
174	BMW-E.01	a) S & F 12.7 mm NP stop cock Indian make heavy duty	Each	378
175	BMW-E.02	b) - do - labour charges only	Each	29
176	BMW-E.03	a) S & F concealed stop cock 12.7 mm (1/2") Indian Make heavy duty	Each	424
177	BMW-E.04	b) - do - labour charges only	Each	43
178	BMW-E.05	a) S & F angle stop cock 12.7 mm dia first quality Indian Make heavy duty	Each	366
179	BMW-E.06	b) - do - labour charges only	Each	43
180	BMW-E.07	a) S & F 12.7 mm N.P bib tap Indian make heavy duty	Each	321
181	BMW-E.08	b) - do - labour charges only	Each	29
182	BMW-E.09	a) S & F 12.7mm N.P bib tap Indian make heavy duty	Each	195
183	BMW-E.10	b) - do - labour charges only	Each	29
184	BMW-E.11	a) S & F 31.75 mm brass plumber Union best Indian first quality	Each	47
185	BMW-E.12	b) - do - labour charges only	Each	14
186	BMW-E.13	a) S & F 12.7 mm brass stop cock Indian make heavy duty	Each	172
187	BMW-E.14	b) - do - labour charges only	Each	29
188	BMW-E.15	a) S & F 12.7 mm brass stop cock Indian make heavy duty	Each	149

1	2	3	4	5
189	BMW-E.16	b) - do - labour charges only	Each	29
190	BMW-E.17	a) S & F 12.7 mm brass bib cock Indian make heavy duty	Each	172
191	BMW-E.18	b) - do - labour charges only	Each	29
192	BMW-E.19	a) S & F 12.7 mm brass bib cock Indian make heavy duty	Each	149
193	BMW-E.20	b) - do - labour charges only	Each	29
194	BMW-E.21	S & F CP Long body bib cock fancy type deluxe heavy duty 12.7 mm dia Indian make	Each	500
195	BMW-E.22	S & F CP Short body bib cock fancy type deluxe heavy duty 12.7 mm dia Indian make	Each	478
196	BMW-E.23	S & F 12.7mm heavy duty dia high neck pillar cock 1st quality Indian make	Each	949
197	BMW-E.24	a)S & F 12.7 mm heavy duty NP Swan Neck Pillar cock	Each	949
198	BMW-E.25	b) - do - labour charges only	Each	42
199	BMW-E.26	a)S & F 12.7 mm heavy duty NP Sink cock	Each	961
200	BMW-E.27	b) - do - labour charges only	Each	35
201	BMW-E.28	S&F 12.7 mm dia NP pillar cock heavy duty 1st quality Indian make	Each	495
202	BMW-E.29	S&F 12.7 mm dia NP push cock 1st quality	Each	206
203	BMW-E.30	S&F 12.7 mm dia NP lift cock 1st quality	Each	177
204	BMW-E.31	a)S & F 38.1 mm C.Pwaste coupling Half or Full Thread 1st Quality Indian make Parryware or equivalent	Each	177
205	BMW-E.32	b) - do - labour charges only	Each	29
206	BMW-E.33	a) S & F 31.75 mm PVC bottle trap	Each	96
207	BMW-E.34	b) - do - labour charges only	Each	29
208	BMW-E.35	a)S& F 38.1 mm brass plumber union	Each	47
209	BMW-E.36	b) - do - labour charges only	Each	14
210	BMW-E.37	a)S & F 19.05 mm heavy duty NP stop cock Indian make with ISI mark	Each	495
211	BMW-E.38	b) - do - labour charges only	Each	29
F		G.I. PIPES & FITTINGS(Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)		
212	BMW-F.01	S& F Glunion 12.7 mm 1st Quality	Each	38
213	BMW-F.02	S& F Glunion 19.05 mm 1st Quality	Each	46
214	BMW-F.03	S& F Glunion 25.4 mm 1st Quality	Each	71
215	BMW-F.04	S& F Glunion 31.75 mm 1st Quality	Each	87
216	BMW-F.05	S& F Glunion 38.1 mm 1st Quality	Each	104
217	BMW-F.06	S& F Glunion 50.8 mm 1st Quality	Each	128
218	BMW-F.07	S& F GI connector 25.4 mm dia	Each	77

1	2	3	4	5
219	BMW-F.08	S& F 12.7 mm GI 'T' A class 1st quality	Each	47
220	BMW-F.09	S& F 31.75mm dia GI bend 1st quality	Each	71
221	BMW-F.10	S & F 31.75 mm dia GI 'T' 1st Quality	Each	69
222	BMW-F.11	a) S & F 25.4 mm copper ball cock ith PVC ball Indian make ISI mark	Each	361
223	BMW-F.12	b) - do - labour charges only	Each	44
224	BMW-F.13	a) S & F 19.05 mm copper ball cock ith PVCball Indian make ISI mark	Each	292
225	BMW-F.14	b) - do - labour charges only	Each	41
226	BMW-F.15	a)S & F 12.7 mm copper ball cock ith PVC ball Indian make ISI mark	Each	174
227	BMW-F.16	b) - do - labour charges only	Each	44
228	BMW-F.17	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 25 mm NB Size	Each	1011
229	BMW-F.18	b) - do - labour charges only	Each	44
230	BMW-F.19	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 20 mm NB Size	Each	692
231	BMW-F.20	b) - do - labour charges only	Each	44
232	BMW-F.21	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 15 mm NB Size	Each	503
233	BMW-F.22	b) - do - labour charges only	Each	44
234	BMW-F.23	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 32 mm NB Size	Each	1557
235	BMW-F.24	b) - do - labour charges only	Each	39
236	BMW-F.25	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 40 mm NB Size	Each	2097
237	BMW-F.26	b) - do - labour charges only	Each	67
238	BMW-F.27	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 50 mm NB Size	Each	3079
239	BMW-F.28	b) - do - labour charges only	Each	90
240	BMW-F.29	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 65 mm NB Size	Each	4777
241	BMW-F.30	b) - do - labour charges only	Each	112
242	BMW-F.31	a)S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 80 mm NB Size	Each	7110
243	BMW-F.32	b) - do - labour charges only	Each	133
244	BMW-F.33	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	352
245	BMW-F.34	b) - do - labour charges only	Each	56
246	BMW-F.35	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	855
247	BMW-F.36	b) - do - labour charges only	Each	67
248	BMW-F.37	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	1762
249	BMW-F.38	b) - do - labour charges only	Each	112

1	2	3	4	5
250	BMW-F.39	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 50 mm NB Size	Each	2447
251	BMW-F.40	b) - do - labour charges only	Each	112
252	BMW-F.41	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	537
253	BMW-F.42	b) - do - labour charges only	Each	54
254	BMW-F.43	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	331
255	BMW-F.44	b) - do - labour charges only	Each	54
256	BMW-F.45	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	444
257	BMW-F.46	b) - do - labour charges only	Each	54
258	BMW-F.47	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	694
259	BMW-F.48	b) - do - labour charges only	Each	54
260	BMW-F.49	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 32 mm NB Size	Each	974
261	BMW-F.50	b) - do - labour charges only	Each	54
262	BMW-F.51	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	1187
263	BMW-F.52	b) - do - labour charges only	Each	54
264	BMW-F.53	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 50 mm NB Size	Each	1910
265	BMW-F.54	b) - do - labour charges only	Each	54
266	BMW-F.55	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 15 mm NB Size	Each	359
267	BMW-F.56	b) - do - labour charges only	Each	54
268	BMW-F.57	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 20 mm NB Size	Each	482
269	BMW-F.58	b) - do - labour charges only	Each	54
270	BMW-F.59	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 25 mm NB Size	Each	730
271	BMW-F.60	b) - do - labour charges only	Each	54
272	BMW-F.61	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 32 mm NB Size	Each	1361
273	BMW-F.62	b) - do - labour charges only	Each	54
274	BMW-F.63	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 40 mm NB Size	Each	2066
275	BMW-F.64	b) - do - labour charges only	Each	54
276	BMW-F.65	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 50 mm NB Size	Each	3596
277	BMW-F.66	b) - do - labour charges only	Each	54
278	BMW-F.67	a) S & F 15 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	122
279	BMW-F.68	b) - do - labour charges only	1 RM	41

1	2	3	4	5
280	BMW-F.69	a) S& F 20 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	145
281	BMW-F.70	b) - do - labour charges only	1 RM	41
282	BMW-F.71	a) S& F 25 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	201
283	BMW-F.72	b) - do - labour charges only	1 RM	41
284	BMW-F.73	a) S& F 32 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	295
285	BMW-F.74	b) - do - labour charges only	1 RM	41
286	BMW-F.75	a) S& F 40 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	333
287	BMW-F.76	b) - do - labour charges only	1 RM	44
288	BMW-F.77	a) S& F 50 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	347
289	BMW-F.78	b) - do - labour charges only	1 RM	67
290	BMW-F.79	a) S& F 15 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	139
291	BMW-F.80	b) - do - labour charges only	1 RM	41
292	BMW-F.81	a) S& F 20 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	158
293	BMW-F.82	b) - do - labour charges only	1 RM	41
294	BMW-F.83	a) S& F 25 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	218
295	BMW-F.84	b) - do - labour charges only	1 RM	41
296	BMW-F.85	a) S& F 32 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	320
297	BMW-F.86	b) - do - labour charges only	1 RM	41
298	BMW-F.87	a) S& F 40 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	359
299	BMW-F.88	b) - do - labour charges only	1 RM	44
300	BMW-F.89	a) S& F 50 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	371
301	BMW-F.90	b) - do - labour charges only	1 RM	67
302	BMW-F.91	S & F 65 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 with GI fittings such as elbows tees couplings, nipples, plugs including excavation for trenches and refilling the trenches complete except for GI bends union and GI connectors with checkout and socket Tata or Zenith make or equivalent.	1 RM	759
303	BMW-F.92	a)S & F 12.7 mm holder bat clamps	Each	4

1	2	3	4	5
304	BMW-F.93	b) - do - labour charges only	Each	8
305	BMW-F.94	a)S & F 19.05 mm holder bat clamps	Each	11
306	BMW-F.95	b) - do - labour charges only	Each	8
307	BMW-F.96	a)S & F 25.4 mm holder bat clamps	Each	17
308	BMW-F.97	b) - do - labour charges only	Each	8
309	BMW-F.98	a)S & F 38.1 mm holder bat clamps	Each	20
310	BMW-F.99	b) - do - labour charges only	Each	9
311	BMW-F.100	a) S& F12.7x 152.0 mm NP shower rose heavy	Each	141
312	BMW-F.101	b) - do - labour charges only	Each	20
313	BMW-F.102	a) S& F12.7x 137.0 mm NP shower rose heavy	Each	134
314	BMW-F.103	b) - do - labour charges only	Each	22
315	BMW-F.104	a) S& F12.7x 101.6 mm NP shower rose heavy	Each	126
316	BMW-F.105	b) - do - labour charges only	Each	22
317	BMW-F.106	a) S & F 12.7 x 88.9 CP fancy shower	Each	239
318	BMW-F.107	b) - do - labour charges only	Each	22
319	BMW-F.108	a) Supplying & fixing 12.7 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	21
320	BMW-F.109	b) - do - labour charges only	Each	22
321	BMW-F.110	a) Supplying & fixing 19.05 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	40
322	BMW-F.111	b) - do - labour charges only	Each	21
323	BMW-F.112	a) Supplying & fixing 25.4 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	48
324	BMW-F.113	b) - do - labour charges only	Each	24
325	BMW-F.114	a) Taking branch water connection from the existing 25.4 mm GI pipe including cutting threading, etc, complete with fitting	Each	97
326	BMW-F.115	b) - do - labour charges only	Each	41
327	BMW-F.116	a) Taking branch water connection from the existing 19.05 mm GI pipe including cutting threading, etc, complete with fitting,	Each	44
328	BMW-F.117	b) - do - labour charges only	Each	36
329	BMW-F.118	a) Taking branch water connection from the existing 12.7 mm GI pipe including cutting threading, etc, complete with fitting,	Each	31
330	BMW-F.119	b) - do - labour charges only	Each	31
331	BMW-F.120	Supplying & fixing leather washers for 12.7 mm bib tap and stop cock	Each	1
332	BMW-F.121	Supplying & fixing leather washers for 19.05 mm bib tap and stop cock	Each	3
333	BMW-F.122	Supplying & Fixing 12.7 mm fibre washers	Each	3
334	BMW-F.123	Supplying & Fixing 19.05 mm fibre washers	Each	3

1	2	3	4	5
G		PVC PIPES & FITTINGS(Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)		
335	BMW-G.01	a) Providing & Placing on Terrace(at all floor levels) polyethylene water storage tank with Double layer approved brand & manufacture with cover and suitable locking arrangement & making necessary holes for inlet & outlets and over flow pipes but without fittings & base support for tanks	1 Lit	4
336	BMW-G.02	b) - do - labour charges only	1 Lit	1
337	BMW-G.03	Supply of Plastic storage tank lid with hinges	Each	65
338	BMW-G.04	Supply & Fixing 76.2 mm dia PVC elbow 1st quality	Each	36
339	BMW-G.05	Supply & fixing 31.75mm dia PVC flexible waste pipe of 914.4 mm length of 1st quality	Each	20
340	BMW-G.06	Supply & Fixing 38.1 mm dia PVC solid waste pipe outlet	Each	68
341	BMW-G.07	Supply & fixing Fancy PVC shelf including all fittings	Each	162
342	BMW-G.08	Supply & fixing of PVC low level systemwith internal components & short bend:10 Litres capacity Single Flush	Each	1114
343	BMW-G.09	Supply & fixing of PVC low level systemwith internal components & short bend:10 litres capacity Dual Flush	Each	1307
344	BMW-G.10	Supply & fixing of PVC low level systemwith internal components & short bend:8 Litres capacity single Flush	Each	630
345	BMW-G.11	75 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	217
346	BMW-G.12	90 mm dia 3 M single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	344
347	BMW-G.13	110 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	412
348	BMW-G.14	75 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	245
349	BMW-G.15	90 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	390
350	BMW-G.16	110 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	478
351	BMW-G.17	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	152
352	BMW-G.18	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	236
353	BMW-G.19	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	293
354	BMW-G.20	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	162
355	BMW-G.21	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	250
356	BMW-G.22	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	303
357	BMW-G.23	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	112
358	BMW-G.24	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	172
359	BMW-G.25	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	207
360	BMW-G.26	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	94
361	BMW-G.27	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	139
362	BMW-G.28	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	179

1	2	3	4	5
363	BMW-G.29	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	57
364	BMW-G.30	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	95
365	BMW-G.31	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	119
366	BMW-G.32	160 MM dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	980
367	BMW-G.33	75 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	367
368	BMW-G.34	90 mm dia 3 M single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	592
369	BMW-G.35	110 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	704
370	BMW-G.36	75 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	402
371	BMW-G.37	90 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	638
372	BMW-G.38	110 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	777
373	BMW-G.39	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	241
374	BMW-G.40	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	375
375	BMW-G.41	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	446
376	BMW-G.42	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	258
377	BMW-G.43	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	390
378	BMW-G.44	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	482
379	BMW-G.45	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	174
380	BMW-G.46	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	270
381	BMW-G.47	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	329
382	BMW-G.48	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	151
383	BMW-G.49	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	221
384	BMW-G.50	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	267
385	BMW-G.51	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	97
386	BMW-G.52	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	151
387	BMW-G.53	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	193
388	BMW-G.54	160 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	1603
389	BMW-G.55	75 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	43
390	BMW-G.56	90 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	60
391	BMW-G.57	110 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	71
392	BMW-G.58	75 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	57
393	BMW-G.59	90 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	81

1	2	3	4	5
394	BMW-G.60	110 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	91
395	BMW-G.61	75 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	33
396	BMW-G.62	90 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	46
397	BMW-G.63	110 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	60
398	BMW-G.64	75 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	57
399	BMW-G.65	90 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	83
400	BMW-G.66	110 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	100
401	BMW-G.67	75 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	50
402	BMW-G.68	90 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	76
403	BMW-G.69	110 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	92
404	BMW-G.70	75 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	62
405	BMW-G.71	90 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	92
406	BMW-G.72	110 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	111
407	BMW-G.73	75 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	106
408	BMW-G.74	90 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	156
409	BMW-G.75	110 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	221
410	BMW-G.76	75 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	170
411	BMW-G.77	90 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	243
412	BMW-G.78	110 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	251
413	BMW-G.79	75 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	63
414	BMW-G.80	90 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	100
415	BMW-G.81	110 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	116
416	BMW-G.82	75 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	81
417	BMW-G.83	90 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	127
418	BMW-G.84	110 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	145
419	BMW-G.85	75 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	87
420	BMW-G.86	90 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	134
421	BMW-G.87	110 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	152
422	BMW-G.88	75 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	112
423	BMW-G.89	90 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	175
424	BMW-G.90	110 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	196

1	2	3	4	5
425	BMW-G.91	75 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	30
426	BMW-G.92	90 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	43
427	BMW-G.93	110 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	48
428	BMW-G.94	90 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings	Each	50
429	BMW-G.95	110 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings	Each	48
430	BMW-G.96	90 x 110mm dia - Reducer - UPVC/SWR Pipe fittings	Each	67
431	BMW-G.97	63 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	8
432	BMW-G.98	75 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	12
433	BMW-G.99	90 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	14
434	BMW-G.100	110 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	16
435	BMW-G.101	40 mm dia - Pipe Clip - UPVC/SWR Pipe fittings - Pipe Clip - UPVC/SWR Pipe fittings	Each	9
436	BMW-G.102	50 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	12
437	BMW-G.103	63 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	12
438	BMW-G.104	75 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	13
439	BMW-G.105	90 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	14
440	BMW-G.106	110 mm - Pipe Clip - UPVC/SWR Pipe fittings	Each	15
441	BMW-G.107	160 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	30
442	BMW-G.108	P' Trap (Small without Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	160
443	BMW-G.109	P' Trap (Small with Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	177
444	BMW-G.110	P' Trap (Big with Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	202
445	BMW-G.111	P' Trap (Big without Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	186
446	BMW-G.112	Floor Trap (Bell Mouth) 110 mm - UPVC/SWR Pipe fittings	Each	193
447	BMW-G.113	Bell Mouth Trap 7 " (177.8 mm) - UPVC/SWR Pipe fittings	Each	281
448	BMW-G.114	4" (101.6 mm) Nahany Trap (Without Jali with inlet)UPVC/SWR Pipe fittings	Each	95
449	BMW-G.115	3" (76.2 mm) Nahany Trap (without Jali without inlet)UPVC/SWR Pipe fittings	Each	74
450	BMW-G.116	4" (101.6 mm) Nahany Trap (without inlet with out Jali)UPVC/SWR Pipe fittings	Each	92
451	BMW-G.117	Mini Trap - UPVC/SWR Pipe fittings	Each	45
452	BMW-G.118	3" (76.2 mm) Nahany Trap with Jali - UPVC/SWR Pipe fittings	Each	87
453	BMW-G.119	4" (101.6 mm) multi floor trap with Jali- UPVC/SWR Pipe fittings	Each	122
454	BMW-G.120	4" (101.6) multi floor trap with out Jalli- UPVC/SWR Pipe fittings	Each	95
455	BMW-G.121	Round Jali - UPVC/SWR Pipe fittings	Each	20

1	2	3	4	5
456	BMW-G.122	Square tile & Jalli - UPVC/SWR Pipe fittings	Each	33
457	BMW-G.123	Pipe connector(with LIP ring) - UPVC/SWR Pipe fittings	Each	128
458	BMW-G.124	Pipe connector(with out LIP ring) - UPVC/SWR Pipe fittings	Each	99
459	BMW-G.125	4" (101.6 mm) Floor Trap - UPVC/SWR Pipe fittings	Each	117
460	BMW-G.126	5" (127.mm) floor Trap - UPVC/SWR Pipe fittings	Each	124
461	BMW-G.127	75 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	48
462	BMW-G.128	90 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	54
463	BMW-G.129	110 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	63
464	BMW-G.130	75 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	45
465	BMW-G.131	90 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	52
466	BMW-G.132	110 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	54
467	BMW-G.133	75 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	7
468	BMW-G.134	90 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	8
469	BMW-G.135	110 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	9
470	BMW-G.136	75 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	8
471	BMW-G.137	90 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	9
472	BMW-G.138	110 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	12
473	BMW-G.139	LIP ring 110 mm - UPVC/SWR Pipe fittings	Each	59
474	BMW-G.140	Rubber Lubricant - 100 Grams	Each	25
475	BMW-G.141	Rubber Lubricant- 250Grams	Each	55
476	BMW-G.142	Rubber Lubricant - 500 Grams	Each	100
477	BMW-G.143	Rubber Lubricant - 1000 Grams	Each	186
478	BMW-G.144	P' Trap with lip UPVC/SWR Pipe fittings	Each	253
479	BMW-G.145	50 ml - Solvent Cement	Each	13
480	BMW-G.146	100 ml - Solvent Cement	Each	21
481	BMW-G.147	250 ml - Solvent Cement	Each	50
482	BMW-G.148	500 ml - Solvent Cement	Each	99
483	BMW-G.149	1000 ml - Solvent Cement	Each	193
484	BMW-G.150	110mm x 90 mm - Internal Reducer - UPVC/SWR Pipe fittings	Each	77
485	BMW-G.151	160 mm x 110 mm - Internal Reducer - UPVC/SWR Pipe fittings	Each	190

1	2	3	4	5
486	BMW-G.152	Labour charges for laying, fixing and commissioning the PVC pipes including couplers/ bends/ tees etc any diameter including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with solvent jointing as per standard practice	1 RM	70
H		CENTRIFUGAL CAST IRON PIPES & FITTINGS AS PER IS: 3989 - 1984		
487	BMW-H.01	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1276
488	BMW-H.02	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1698
489	BMW-H.03	150 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	3113
490	BMW-H.04	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	1416
491	BMW-H.05	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	1911
492	BMW-H.06	75 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	1147
493	BMW-H.07	100 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	1532
494	BMW-H.08	75 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	1026
495	BMW-H.09	100 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	1364
496	BMW-H.10	75 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	835
497	BMW-H.11	100 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	1089
498	BMW-H.12	75 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	878
499	BMW-H.13	100 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	1089
500	BMW-H.14	75 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	304
501	BMW-H.15	100 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	349
502	BMW-H.16	75 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	436
503	BMW-H.17	100 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	501
504	BMW-H.18	150 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	957
505	BMW-H.19	75 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	601
506	BMW-H.20	100 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	664
507	BMW-H.21	150 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	1198
508	BMW-H.22	75 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	922
509	BMW-H.23	100 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	1244
510	BMW-H.24	75 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1014
511	BMW-H.25	100 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1518
512	BMW-H.26	75 mm dia Plain Bend - CI (Spun) fittings	Each	313
513	BMW-H.27	100 mm dia Plain Bend - CI (Spun) fittings	Each	368
514	BMW-H.28	150 mm dia Plain Bend - CI (Spun) fittings	Each	878

1	2	3	4	5
515	BMW-H.29	75 mm dia Door Bend - CI (Spun) fittings	Each	324
516	BMW-H.30	100 mm dia Door Bend - CI (Spun) fittings	Each	420
517	BMW-H.31	150 mm dia Door Bend - CI (Spun) fittings	Each	961
518	BMW-H.32	75 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	313
519	BMW-H.33	100 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	368
520	BMW-H.34	150 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	878
521	BMW-H.35	75 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	324
522	BMW-H.36	100 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	420
523	BMW-H.37	150 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	961
524	BMW-H.38	Horn Bend Plain 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	638
525	BMW-H.39	Horn Bend door 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	744
526	BMW-H.40	75 mm dia Heel Rest Bend - CI (Spun) fittings	Each	333
527	BMW-H.41	100 mm dia Heel Rest Bend - CI (Spun) fittings	Each	426
528	BMW-H.42	150 mm dia Heel Rest Bend - CI (Spun) fittings	Each	906
529	BMW-H.43	75 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	420
530	BMW-H.44	100 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	566
531	BMW-H.45	150 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	1169
532	BMW-H.46	75 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	495
533	BMW-H.47	100 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	657
534	BMW-H.48	150 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	1235
535	BMW-H.49	75 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	495
536	BMW-H.50	100 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	657
537	BMW-H.51	150 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	1449
538	BMW-H.52	75 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	543
539	BMW-H.53	100 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	725
540	BMW-H.54	150 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	1561
541	BMW-H.55	75 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	574
542	BMW-H.56	100 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	772
543	BMW-H.57	75 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	639
544	BMW-H.58	100 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	805
545	BMW-H.59	75 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	639

1	2	3	4	5
546	BMW-H.60	100 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	805
547	BMW-H.61	75 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	674
548	BMW-H.62	100 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	874
549	BMW-H.63	75 mm dia Shoe Bend - CI (Spun) fittings	Each	395
550	BMW-H.64	100 mm dia Shoe Bend - CI (Spun) fittings	Each	463
551	BMW-H.65	150 mm dia Shoe Bend - CI (Spun) fittings	Each	940
552	BMW-H.66	75 mm dia Collar - CI (Spun) fittings	Each	270
553	BMW-H.67	100 mm dia Collar - CI (Spun) fittings	Each	328
554	BMW-H.68	150 mm dia Collar - CI (Spun) fittings	Each	674
555	BMW-H.69	75 mm dia Cowl - CI (Spun) fittings	Each	239
556	BMW-H.70	100 mm dia Cowl - CI (Spun) fittings	Each	270
557	BMW-H.71	150 mm dia Cowl - CI (Spun) fittings	Each	607
558	BMW-H.72	75 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	346
559	BMW-H.73	100 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	420
560	BMW-H.74	150 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	848
561	BMW-H.75	75 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	378
562	BMW-H.76	100 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	495
563	BMW-H.77	150 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	987
564	BMW-H.78	75 mm dia Long Door Bend - CI (Spun) fittings	Each	796
565	BMW-H.79	100 mm dia Long Door Bend - CI (Spun) fittings	Each	856
566	BMW-H.80	75 mm dia Hand Hole pipe (Inspection pipe)	Each	457
567	BMW-H.81	100 mm dia Hand Hole pipe (Inspection pipe)	Each	622
568	BMW-H.82	150 mm dia Hand Hole pipe (Inspection pipe)	Each	829
569	BMW-H.83	75 mm dia P Traps - CI (Spun) fittings	Each	495
570	BMW-H.84	100 mm dia P Traps - CI (Spun) fittings	Each	679
571	BMW-H.85	4" x 3" (101.6 mm x 76.2mm) P. Traps 100 mm dia - CI (Spun) fittings	Each	778
572	BMW-H.86	4" x 3" (101.6 mm x 76.2mm) Vent Traps 100 mm dia - CI (Spun) fittings	Each	778
573	BMW-H.87	4" x 3" (101.6 mm x 76.2mm) Reducer 75 mm dia - CI (Spun) fittings	Each	483
574	BMW-H.88	6" x 4" (152.4 mm x101.6 mm) Reducer 75 mm dia - CI (Spun) fittings	Each	662
575	BMW-H.89	3" x 2" (76.2 mm x 50.8 mm) plain T 75 mm dia - CI (Spun) fittings	Each	413
576	BMW-H.90	3" x 2" (76.2 mm x 50.8 mm) Door T 75 mm dia - CI (Spun) fittings	Each	645

1	2	3	4	5
577	BMW-H.91	3" x 2" (76.2 mm x 50.8 mm) Plain Y 75 mm dia - CI (Spun) fittings	Each	645
578	BMW-H.92	3" x 2" (76.2 mm x 50.8 mm) Door Y 75 mm dia - CI (Spun) fittings	Each	645
579	BMW-H.93	4" x 3" (101.6 mm x 76.2mm) Plain T75 mm dia - CI (Spun) fittings	Each	645
580	BMW-H.94	4" x 3" (101.6 mm x 76.2mm) Door T75 mm dia - CI (Spun) fittings	Each	683
581	BMW-H.95	4" x 3" (101.6 mm x 76.2mm) Plain Y75 mm dia - CI (Spun) fittings	Each	683
582	BMW-H.96	4" x 3" (101.6 mm x 76.2mm) DoorY75 mm dia - CI (Spun) fittings	Each	729
583	BMW-H.97	6" x 4" (152.4 mm x101.6 mm) Plain T 75 mm dia - CI (Spun) fittings	Each	954
584	BMW-H.98	6" x 4" (152.4 mm x101.6 mm)Door T 75 mm dia - CI (Spun) fittings	Each	1034
585	BMW-H.99	6" x 4" (152.4 mm x101.6 mm) Plain Y 75 mm dia - CI (Spun) fittings	Each	1094
586	BMW-H.100	6" x 4" (152.4 mm x101.6 mm)DoorY 75 mm dia - CI (Spun) fittings	Each	1337
587	BMW-H.101	75 mm diaPlain " T" 27 " (685.8 mm) Special Types of Long Fittings	Each	1385
588	BMW-H.102	100 mm dia - Plain " T" 27 " (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1946
589	BMW-H.103	75 mm dia Door "T" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1547
590	BMW-H.104	100mm dia Door "T" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	2138
591	BMW-H.105	75 mm diaPlain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1547
592	BMW-H.106	100mm diaPlain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2138
593	BMW-H.107	75 mm dia Door " Y" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1724
594	BMW-H.108	100mm dia Door " Y" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	2347
I		MISCELLANEOUS ITEMS		
595	BMW-I.01	a) Supplying & Fixing solder joints up to 50.8 mm dia	Each	56
596	BMW-I.02	b) - do - labour charges only	Each	19
597	BMW-I.03	a) Supplying & Fixing solution joints up to 50.8 dia 1st quality.	Each	11
598	BMW-I.04	b) - do - labour charges only	Each	2
599	BMW-I.05	Chiselling the stone masonry wall for fixing of wooden blocks including finishing as directed by the department	Each	30
600	BMW-I.06	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	143
601	BMW-I.07	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	30
602	BMW-I.08	a) S & F NP telephonic shower spray set & valve mixer with rest and all fittings complete (ARK/ESSCO or equivalent make)	Each	1502
603	BMW-I.09	b) - do - labour charges only	Each	401
604	BMW-I.10	a) S & F NP shower spray fancy with NP Flexible pipe	Each	377
605	BMW-I.11	b) - do - labour charges only	Each	133
606	BMW-I.12	a) S & F NP cover for Nahany trap	Each	10

1	2	3	4	5
607	BMW-I.13	b) - do - labour charges only	Each	19
608	BMW-I.14	a) Painting the flushing tank with white enamel paint	Each	42
609	BMW-I.15	b) - do - labour charges only	Each	64
610	BMW-I.16	S & F internal fittings for flush tank Parryplast wonder flush or equivalent	Each	697
611	BMW-I.17	Repairing and over hauling flushing tank	Each	80
612	BMW-I.18	a) Supplying & Fixing NP chain rubber and plug for basin	Each	29
613	BMW-I.19	b) - do - labour charges only	Each	7
614	BMW-I.20	a) S & F 25.4 mm dia& 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	102
615	BMW-I.21	b) - do - labour charges only	Each	44
616	BMW-I.22	a) S & F 19.04 mm dia& 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	64
617	BMW-I.23	b) - do - labour charges only	Each	67
618	BMW-I.24	a) S & F 609.6 mm long 127 mm wide plate glass shelf with superior quality aluminium railing complete with aluminium screws	Each	130
619	BMW-I.25	b) - do - labour charges only	Each	56
620	BMW-I.26	a) S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	49
621	BMW-I.27	b) - do - labour charges only	Each	11
622	BMW-I.28	a) S & F NP soap dish heavy type with NP SCREWS	Each	196
623	BMW-I.29	b) - do - labour charges only	Each	12
624	BMW-I.30	a) S &F NP holder brackets with screws	Each	29
625	BMW-I.31	b) - do - labour charges only	Each	14
626	BMW-I.32	a) S & F liquid soap container NP metallic with NP brackets and screws.	Each	188
627	BMW-I.33	b) - do - labour charges only	Each	22
628	BMW-I.34	a) S & F 31.75 mm C.P TRAPS	Each	230
629	BMW-I.35	b) - do - labour charges only	Each	44
630	BMW-I.36	a) Supplying & fixing 88.9 mm A.C cowls	Each	48
631	BMW-I.37	b) - do - labour charges only	Each	14
632	BMW-I.38	a)Supplying & fixing A.CCowl 63.5 mm dia	Each	31
633	BMW-I.39	b) - do - labour charges only	Each	11
634	BMW-I.40	Removing and refixing W.C s	Each	194
635	BMW-I.41	Removing and refixing wash hand basins of any size with fittings complete	Each	187
636	BMW-I.42	a)S & F 76.2 x 101.6 mm teak wood block complete	Each	14
637	BMW-I.43	b) - do - labour charges only	Each	9

1	2	3	4	5
638	BMW-I.44	Cutting holes in C.C; basement & repairs Labour charges only	Each	107
639	BMW-I.45	Cutting holes in stone masonry& basement and repairs Labour charges only	Each	72
640	BMW-I.46	Cutting holes in Brick masonry& repairs Labour charges only	Each	47
641	BMW-I.47	Cutting holes in RCC slab floor & repairs Labour charges only	Each	72
642	BMW-I.48	a)Supplying & Fixing 12.7 mm PVC connection with brass union nut C.P coated	Each	70
643	BMW-I.49	b) - do - labour charges only	Each	20
644	BMW-I.50	a) S & F 12.7 mm .M.P couplings	Each	20
645	BMW-I.51	b) - do - labour charges only	Each	11
646	BMW-I.52	a) S & F 19.05 mm M.P couplings	Each	26
647	BMW-I.53	b) - do - labour charges only	Each	11
648	BMW-I.54	a) S& F MP coupling 25.4 mm dia	Each	74
649	BMW-I.55	a) S & FPVC Rubber adopter for LLC and bend	Each	19
650	BMW-I.56	b) - do - labour charges only	Each	8
651	BMW-I.57	a) S& F 31.75 mm Brass union nuts	Each	26
652	BMW-I.58	b) - do - labour charges only	Each	7
653	BMW-I.59	a) S& F 38.1 mm Brass union nuts	Each	26
654	BMW-I.60	b) - do - labour charges only	Each	9
655	BMW-I.61	a) Constructing Brick masonry chamber over the gully trap or peet valve and fitted with 304.8 x 228.6 m size CI frame and hinged cover.	Each	26
656	BMW-I.62	b) - do - labour charges only	Each	100
657	BMW-I.63	a) Constructing Brick masonry support for G.I pipe with C.M 304.8 x 228.6 x228.6 mm size includingplastering and finishing etc. complete.	Each	26
658	BMW-I.64	b) - do - labour charges only	Each	22
659	BMW-I.65	a) Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	26
660	BMW-I.66	b) - do - labour charges only	Each	35
661	BMW-I.67	a) Supplying & fixing CI Nahany trap grating	Each	26
662	BMW-I.68	b) - do - labour charges only	Each	11
663	BMW-I.69	a) Supplying & fixing CI gully trap grating	Each	26
664	BMW-I.70	b) - do - labour charges only	Each	11
665	BMW-I.71	a) Supplying & fixing valves for brass ball cocks 25.4 mm dia	Each	26
666	BMW-I.72	b) - do - labour charges only	Each	9
667	BMW-I.73	a) Supplying & fixing 12.7 m valve for bib tap or stop cocks	Each	26
668	BMW-I.74	b) - do - labour charges only	Each	7

1	2	3	4	5
669	BMW-I.75	a) Supplying & fixing 19.05 m valve for bib tap or stop cocks	Each	26
670	BMW-I.76	b) - do - labour charges only	Each	11
671	BMW-I.77	Removing 12.7 mm Gpipe and refixing the same	Mr.	58
672	BMW-I.78	Removing 19.05 mm Gpipe and refixing the same	Mr.	64
673	BMW-I.79	Removing 25.4 mm Gpipe and refixing the same	Mr.	95
674	BMW-I.80	Removing 38.1 mm Gpipe and refixing the same	Rm	121
675	BMW-I.81	Removing 50.8 mm Gpipe and refixing the same	Rm	141
676	BMW-I.82	Cleaning the W.C with acid and Vim powder	Each	39
677	BMW-I.83	Cleaning the Urinal with acid and Vim power	Each	39
678	BMW-I.84	Cleaning the wash basin with acid and Vim powder	Each	39
679	BMW-I.85	Cleaning theE.W.C with acid and Vim power	Each	39
680	BMW-I.86	Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight) 30 Kgs	Each	1718
681	BMW-I.87	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight) 30 Kgs	Each	2435
682	BMW-I.88	b) - do - labour charges only	Each	140
683	BMW-I.89	a) Supplying & fixing CI steps for septic tank.	Each	46
684	BMW-I.90	b) - do - labour charges only	Each	11
685	BMW-I.91	a) Supplying & fixing 50.8cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (20 Kgs - Light weight)	Each	986
686	BMW-I.92	b) - do - labour charges only	Each	140
687	BMW-I.93	a) Supplying & fixing 50.8cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber(Medium weight) as per IS:1726 - 40 Kgs	Each	1979
688	BMW-I.94	b) - do - labour charges only	Each	356
689	BMW-I.95	Cost. 50.8 mm thick RCM baffle wall with 2.267 Kg steel & rabbit wire mesh in CM 1:3 with fine rendering in neat cement labour charges Only	1Sqm	176
690	BMW-I.96	a) Cost. 50.8 mm RCC partition wall	1Sqm	195
691	BMW-I.97	b) - do - labour charges only	1 Sqm	44
692	BMW-I.98	a)S& F double layer of bamboo matting tarred on both sides.	10 Sqm	426
693	BMW-I.99	b) - do - labour charges only	10 Sqm	123
694	BMW-I.100	Removing of 101.6 m or 76.2 mm CI pipe	1 RM	23
695	BMW-I.101	a) Supplying & fixing 76.2 mm W.I clamps	Each	14
696	BMW-I.102	b) - do - labour charges only	Each	9
697	BMW-I.103	a) Supplying & fixing NP coat hook	Each	31
698	BMW-I.104	b) - do - labour charges only	Each	11

1	2	3	4	5
699	BMW-I.105	a) Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457.2 mm	Each	338
700	BMW-I.106	b) - do - labour charges only	Each	116
701	BMW-I.107	a) Supplying & fixing GI pipe plug of size 12.7 mm dia	Each	8
702	BMW-I.108	b) - do - labour charges only	Each	1
703	BMW-I.109	a) Supplying & fixing 19.06 mm dia GI plug	Each	11
704	BMW-I.110	b) - do - labour charges only	Each	1
705	BMW-I.111	a) Supplying and fixing 38.1 mm dia of GI plug	Each	54
706	BMW-I.112	b) - do - labour charges only	Each	9
707	BMW-I.113	a) Supplying & fixing 50.8 mm dia of GI PLUG	Each	84
708	BMW-I.114	b) - do - labour charges only	Each	11
709	BMW-I.115	a) Supplying & fixing 76.2 mm dia of GI PLUG	Each	154
710	BMW-I.116	b) - do - labour charges only	Each	19
711	BMW-I.117	a) Supplying & fixing C.P flange.	Each	15
712	BMW-I.118	b) - do - labour charges only	Each	8
713	BMW-I.119	a) Supplying & fixing stainless steel sink size 36" x 18" (914.4x457.2mm) 1 mm thick with accessories	Each	5991
714	BMW-I.120	b) - do - labour charges only	Each	506
715	BMW-I.121	a) Supplying & fixing SINGLE BOWL stainless steel sink size 24"x18"x8" (609.6 x 457.2 x 203.2mm) 1 mm thick with accessories	Each	4629
716	BMW-I.122	b) - do - labour charges only	Each	491
717	BMW-I.123	a) Supplying & fixing stainless steel sink size 20" x18" x 8" (508x457.2x203.2mm) 1 mm thick with accessories	Each	4207
718	BMW-I.124	b) - do - labour charges only	Each	449
719	BMW-I.125	Supplying & fixing 4 " x 24 " (101.6x609.6mm) white glazed porcelain channel fixed in brick masonry white cement pointing.	Each	417
720	BMW-I.126	Supply & Fixing of steel surgical long elbow action handle 12.7 mm dia bibcock Indian make heavy type including all materials	Each	758
721	BMW-I.127	Supply & fixing 2 1/2" (63.5mm) dia Sluice valve ISI mark with 2 Nos. flanges, 8 nos, 3/4" dia nuts & bolts and all necessary washers and packing materials etc. complete	Each	4148
722	BMW-I.128	Supply & fixing porcelain P' trap	Each	178
723	BMW-I.129	Supplying & fixing oval shape basin white (520x410mm)parry or equivalent	Each	1899
724	BMW-I.130	Supply & fixing RCC cover 22" dia with nominal reinforcement 3 " thick and hooks for lifting	Each	562
725	BMW-I.131	Supply & fixing cp spl. Grating with frame and cover of 1 st quality	Each	48
726	BMW-I.132	Supply & fixing towel rod (CP) of 24" long and 3/4 " dia	Each	303
727	BMW-I.133	Supply & fixing of LLC handle set 1stquality	Each	60
728	BMW-I.134	Mechanical Cleaning of water sumps with pumps & UV disinfecting	1000 Lit	42

1	2	3	4	5
729	BMW-I.135	Supply & fixing 4" dia CP thimble pipe: 150 mm long	Each	316
730	BMW-I.136	Supply & fixing 4" dia CP thimble pipe: 220 mm long	Each	472
731	BMW-I.137	Supply & fixing 4" dia CP thimble pipe: 300 mm long	Each	631
732	BMW-I.138	Supply & fixing CP long bend	Each	267
733	BMW-I.139	Supply & fixing CP short bend	Each	134
734	BMW-I.140	Supplying & fixing 15 mm bib tap with flange Chromeum plated Jaquar make queen series	Each	1317
735	BMW-I.141	Supply & fixing bib cock cum health faucet with 1 m long flexible tube and wall hook ofJaquar make queen series with 7 years warranty Chrome plated	Each	3337
736	BMW-I.142	Supply & fixing bib cock cum health faucet with 1 m long flexible tube and wall hook ofJaquar make queen series with 7 years warranty: Ivory gold	Each	5611
737	BMW-I.143	Supply & fixing pillar cock Jaquar make Queen series with 7 years warranty: Chrome plated	Each	1382
738	BMW-I.144	Supply & fixing pillar cock Jaquar make Queen series with 7 years warranty: Ivory gold	Each	2360
739	BMW-I.145	Supply & fixing Angular stop cocks with wall flange Jaquar make Queen series with 7 years warranty: Chrome plated	Each	1365
740	BMW-I.146	Supply & fixing Angular stop cocks with wall flange Jaquar make Queen series with 7 years warranty: Ivory gold	Each	2643
741	BMW-I.147	Supply & fixing Waste coupling 32 mm size full thread with 80 mm heightJaquar make with 7 years warranty: Chrome plated	Each	306
742	BMW-I.148	Supply & fixing of Bottle trap Jaquar make with 7 years warranty: Chrome plated	Each	1304
743	BMW-I.149	Supply & fixing of Bottle trap Jaquar make with 7 years warranty: Ivory gold	Each	2206
744	BMW-I.150	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make with 7 years warranty: Chrome plated	Each	321
745	BMW-I.151	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make with 7 years warranty:Ivory gold	Each	621
746	BMW-I.152	Supply and fixing wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange Jaquarmake queen series with 7 years warranty:Chrome plated	Each	4216
747	BMW-I.153	Supply and fixing wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange Jaquarmake queen series with 7 years warranty: Ivory gold	Each	6632
748	BMW-I.154	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make queen series. with 7 years warranty:Chrome plated	Each	1956
749	BMW-I.155	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make queen series. with 7 years warranty: Ivory Gold	Each	2866
750	BMW-I.156	Supply and Fixing Wall Mixer with Telephonic shower arrangement with crutch and flexible pipe Jaquar series Ivory gold colour for bath tub. with 7 years warranty	Each	11173
751	BMW-I.157	Supply & fixing Bath tub overflow set complete with over flow cap, 450 mm Ball chain with rubber plug & union bend with brass nut Jaquar make, Ivory gold colour. with 7 years warranty	Each	1361
752	BMW-I.158	Supply & fixing sink cock with regular swinging spout with wall flange chromeplated Jaquar make Queen series with 7 years warranty	Each	1955
753	BMW-I.159	Supply & fixingsoap dish Jaquar make queen series: with 7 years warranty:Chrome plated	Each	1283
754	BMW-I.160	Supply & fixingsoap dish Jaquar make queen series: with 7 years warranty: Ivory Gold	Each	1883
755	BMW-I.161	Supply & fixing of toilet paper holder Jaquar make Queen series. with 7 years warranty: Chrome plated	Each	1033

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756	BMW-I.162	Supply & fixing of toilet paper holder Jaquar make Queen series. with 7 years warranty: Ivory Gold	Each	1819
757	BMW-I.163	Supply & Fixing of Towel ring Jaquar make Queen series with 7 years warranty: Chrome plated	Each	971
758	BMW-I.164	Supply & Fixing of Towel ring Jaquar make Queen series with 7 years warranty: Ivory Gold	Each	1586
759	BMW-I.165	Supply & Fixing of towel coat hook Jaquar make Queen series with 7 years warranty: Chrome plated	Each	722
760	BMW-I.166	Supply & Fixing of towel coat hook Jaquar make Queen series with 7 years warranty: Ivory Gold	Each	1495
761	BMW-I.167	Supply & Fixing of Towel rod 24 " Jaquar make Queen series Ivory gold colour with 7 years warranty	Each	2480
762	BMW-I.168	Supply & Fixing of Tumbler holder Jaquar make Queen series, Ivory gold colour with 7 years warranty	Each	1738
763	BMW-I.169	Supply & fixing of Glass shelf 22" Jaquar make Queen series, Ivory gold colour with 7 years warranty	Each	3389
764	BMW-I.170	Supply & Fixing of Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Continental series, Chrome Finish with 7 years warranty	Each	2459
765	BMW-I.171	Supply & Fixing of Bibcock Jaquar Continental series, Chrome Finish with 7 years warranty	Each	722
766	BMW-I.172	Supply & Fixing of Pillar cock Jaquar Continental series, Chrome Finish with 7 years warranty	Each	898
767	BMW-I.173	Supply & Fixing of Angular stopcock with wall flange Jaquar Continental series, Chrome finish with 7 years warranty	Each	668
768	BMW-I.174	Supply fixing of Waste coupling Jaquar make, Chrome finish with 7 years warranty	Each	290
769	BMW-I.175	Supply & Fixing of Bottle Trap Jaquar make, Chrome finish with 7 years warranty	Each	1304
770	BMW-I.176	Supply & Fixing of copper pipe 450mm long with nuts & washers Jaquar make, Chrome Finish with 7 years warranty	Each	290
771	BMW-I.177	Supply & Fixing of Wall Mixer with provision for overhead shower and 115mm long bend pipe with wall flange Jaquar make Continental series, Chrome finish with 7 years warranty	Each	3158
772	BMW-I.178	Supply & Fixing of Exclusive overhead shower with 190mm long light body shower arm Jaquar make Continental series, Chrome finish with 7 years warranty	Each	1348
773	BMW-I.179	Supply & Fixing wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube Jaquar make Continental series Chrome colour for bath tub with 7 years warranty	Each	4409
774	BMW-I.180	Supply & Fixing bath tub over flow set complete with over flow cap, 450mm ball chain with rubber plug 7 Union bend with brass nuts Jaquar make, Chrome colour with 7 years warranty	Each	1029
775	BMW-I.181	Supply & Fixing Sink cock with regular swinging spout with flange chrome plated Jaquar make Continental series with 7 years warranty	Each	1270
776	BMW-I.182	Supply & Fixing soap dish Jaquar make Continental series, Chrome Finish with 7 years warranty	Each	1001
777	BMW-I.183	Supply & Fixing of Toilet paper holder Jaquar make Continental series, Chrome finish with 7 years warranty	Each	668
778	BMW-I.184	Supply & Fixing of Towel Ring Jaquar make Continental series, Chrome finish with 7 years warranty	Each	768
779	BMW-I.185	Supply & Fixing Double coat hook Jaquar make Continental series, Chrome finish with 7 years warranty	Each	574
780	BMW-I.186	Supply & Fixing of towel rail 24" Jaquar make Continental series, Chrome finish with 7 years warranty	Each	1241
781	BMW-I.187	Supply & Fixing of Tumbler holder Jaquar make Continental series, Chrome finish with 7 years warranty	Each	836
782	BMW-I.188	Supply & Fixing of Glass shelf 22" Jaquar make Continental series, Chrome finish with 7 years warranty	Each	1645
783	BMW-I.189	Supply & Fixing of Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Florentine(Quarter turn) series, Chrome Finish with 7 years warranty	Each	2942

1	2	3	4	5
784	BMW-I.190	Supply & Fixing of Bibcock Jaquar Florentine (Quarter turn)series, Chrome Finish with 7 years warranty	Each	992
785	BMW-I.191	Supply & Fixing of Pillar cock Jaquar Florentine(Quarter turn) series, Chrome Finish with 7 years warranty	Each	992
786	BMW-I.192	Supply & Fixing of Angular stopcock with wall flange Jaquar Florentine(Quarter turn)series, Chrome finish with 7 years warranty	Each	976
787	BMW-I.193	Supply & Fixing of Bottle Trap Jaquar make, Chrome finish with 7 years warranty	Each	1304
788	BMW-I.194	Supply & Fixing of Wall Mixer with provision for overhead shower and 115mm long bend pipe with wall flange Jaquar make Florentine(Quarter turn) series, Chrome finish with 7 years warranty	Each	3810
789	BMW-I.195	Supply & Fixing wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube Jaquar make Florentine(Quarter turn) series Chrome colour for bath tub with 7 years warranty	Each	5742
790	BMW-I.196	Supply & Fixing Sink cock with regular swinging spout with flange chrome plated Jaquar make Florentine(Quarter turn) series with 7 years warranty	Each	1522
791	BMW-I.197	Supply & Fixing of Rose shower with revolving ball joint & 115mm long shower arm with 7 years warranty	Each	1617
792	BMW-I.198	Supply & Fixing of Jaquar make chrome plated Metro pole flush valveconcealed type with cover plate 40mm size with 7 years warranty	Each	2832
793	BMW-I.199	Supply & Fixing of Jaquar make Sensotronic sensor faucet for wash basin, Chrome plated with 7 years warranty	Each	11121
794	BMW-I.200	Supply & fixing of Jaquar make Sensotronic concealed type flushing valve for urinal complete set with installation box with control cock, Chrome plated with 7 years warranty	Each	11121
795	BMW-I.201	Supply & fixing of Jaquar make Auto closing system pillar cock for wash basin, Chrome plated with 7 years warranty	Each	1843
796	BMW-I.202	Supply& Fixing of Jaquar make Auto Closing system Bibcock, Chrome plated with 7 years warranty	Each	1933
797	BMW-I.203	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 16 mm OD pipe	1 RM	134
798	BMW-I.204	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 20 mm OD pipe	1 RM	166
799	BMW-I.205	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 25mm OD pipe	1 RM	207
800	BMW-I.206	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 32 mm OD pipe	1 RM	279

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801	BMW-I.207	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc: 40 mm OD pipe	1 RM	366
802	BMW-I.208	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 50 mm OD pipe	1 RM	466
803	BMW-I.209	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 16 mm OD pipe	1 RM	193
804	BMW-I.210	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 20 mm OD pipe	1 RM	231
805	BMW-I.211	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 25mm OD pipe	1 RM	286
806	BMW-I.212	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 32 mm OD pipe	1 RM	377
807	BMW-I.213	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 40 mm OD pipe	1 RM	489
808	BMW-I.214	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 50 mm OD pipe	1 RM	617

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809	BMW-I.215	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 16 mm OD pipe	1 RM	157
810	BMW-I.216	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 20 mm OD pipe	1 RM	187
811	BMW-I.217	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 25mm OD pipe	1 RM	227
812	BMW-I.218	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 32 mm OD pipe	1 RM	293
813	BMW-I.219	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 40 mm OD pipe	1 RM	376
		Supply and Fixing of Premium make CPVC Pipes and Fittings to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" ton 2" Ashirvad Flowgurard SDR 11 and SDR 13.5 pipes are made from idential CPVC compounds having the same physical Properties for Hot and Cold Water (IS 15778:2007)		0
814	BMW-I.220	15.90mm ODPipe - SDR 13.5	1 RM	
815	BMW-I.221	22.20mm ODPipe - SDR 13.5	1 RM	122
816	BMW-I.222	28.60mm ODPipe - SDR 13.5	1 RM	162
817	BMW-I.223	34.90mm ODPipe - SDR 13.5	1 RM	221
818	BMW-I.224	41.30mm ODPipe - SDR 13.5	1 RM	276
819	BMW-I.225	54.00mm ODPipe - SDR 13.5	1 RM	402
820	BMW-I.226	15.90mm ODPipe - SDR 11	1 RM	119
821	BMW-I.227	22.20mm ODPipe - SDR 11	1 RM	145

1	2	3	4	5
822	BMW-I.228	28.60mm ODPipe - SDR 11	1 RM	174
823	BMW-I.229	34.90mm ODPipe - SDR 11	1 RM	237
824	BMW-I.230	41.30mm ODPipe - SDR 11	1 RM	293
825	BMW-I.231	54.00mm ODPipe - SDR 11	1 RM	429
826	BMW-I.232	Supply of 20mm x 1.9mm PN 10/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	41
827	BMW-I.233	Supply of 25mm x 2.3mm PN 10/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	62
828	BMW-I.234	Supply of 32mm x 2.9mm PN 10/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	98
829	BMW-I.235	Supply of 40mm x 3.7mm PN 10/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	153
830	BMW-I.236	Supply of 50mm x 4.6mm PN 10/PPR Pipe conforming to DIN Standards 8077/8080 conforming to IS15801	1 RM	273
831	BMW-I.237	Supply of 63mm x 5.8mm PN 10/PPR Pipe conforming to DIN Standards 8077/8081 conforming to IS15801	1 RM	429
832	BMW-I.238	Supply of 75mm x 6.8mm PN 10/PPR Pipe conforming to DIN Standards 8077/8082 conforming to IS15801	1 RM	597
833	BMW-I.239	Supply of 90mm x 8.2mm PN 10/PPR Pipe conforming to DIN Standards 8077/8083 conforming to IS15801	1 RM	819
834	BMW-I.240	Supply of 110mm x 10mm PN 10/PPR Pipe conforming to DIN Standards 8077/8084 conforming to IS15801	1 RM	1213
835	BMW-I.241	Supply of 20mm x 2.8mm PN 16/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	56
836	BMW-I.242	Supply of 25mm x 3.5mm PN 16/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	87
837	BMW-I.243	Supply of 32mm x 4.4mm PN 16/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	139
838	BMW-I.244	Supply of 40mm x 5.5mm PN 16/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	213
839	BMW-I.245	Supply of 50mm x 6.9mm PN 16/PPR Pipe conforming to DIN Standards 8077/8080 conforming to IS15801	1 RM	382
840	BMW-I.246	Supply of 63mm x 8.6mm PN 16/PPR Pipe conforming to DIN Standards 8077/8081 conforming to IS15801	1 RM	601
841	BMW-I.247	Supply of 75mm x 10.3mm PN 16/PPR Pipe conforming to DIN Standards 8077/8082 conforming to IS15801	1 RM	849
842	BMW-I.248	Supply of 90mm x 12.3mm PN 16/PPR Pipe conforming to DIN Standards 8077/8083 conforming to IS15801	1 RM	1212
843	BMW-I.249	Supply of 110mm x 15.1mm PN 16/PPR Pipe conforming to DIN Standards 8077/8084 conforming to IS15801	1 RM	1815
844	BMW-I.250	Supply of 20mm x 3.4mm PN 20/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	65
845	BMW-I.251	Supply of 25mm x 4.2mm PN 20/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	100
846	BMW-I.252	Supply of 32mm x 5.4mm PN 20/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	162
847	BMW-I.253	Supply of 40mm x 6.7mm PN 20/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	248
848	BMW-I.254	Supply of 50mm x 8.3mm PN 20/PPR Pipe conforming to DIN Standards 8077/8080 conforming to IS15801	1 RM	441
849	BMW-I.255	Supply of 63mm x 10.5mm PN 20/PPR Pipe conforming to DIN Standards 8077/8081 conforming to IS15801	1 RM	696
850	BMW-I.256	Supply of 75mm x 12.5mm PN 20/PPR Pipe conforming to DIN Standards 8077/8082 conforming to IS15801	1 RM	988
851	BMW-I.257	Supply of 90mm x 15mm PN 20/PPR Pipe conforming to DIN Standards 8077/8083	1 RM	1343
852	BMW-I.258	Supply of 110mm x 18.3mm PN 20/PPR Pipe conforming to DIN Standards 8077/8084 conforming to IS15801	1 RM	2115

1	2	3	4	5
853	BMW-I.259	Supply of 20mm PPR Socket conforming to DIN Standards 8077/8084	1 RM	9
854	BMW-I.260	Supply of 25mm PPR Socket conforming to DIN Standards 8077/8085	1 RM	13
855	BMW-I.261	Supply of 32mm PPR Socket conforming to DIN Standards 8077/8086	1 RM	18
856	BMW-I.262	Supply of 40mm PPR Socket conforming to DIN Standards 8077/8087	1 RM	31
857	BMW-I.263	Supply of 50mm PPR Socket conforming to DIN Standards 8077/8088	1 RM	60
858	BMW-I.264	Supply of 63mm PPR Socket conforming to DIN Standards 8077/8089	1 RM	114
859	BMW-I.265	Supply of 75mm PPR Socket conforming to DIN Standards 8077/8090	1 RM	173
860	BMW-I.266	Supply of 90mm PPR Socket conforming to DIN Standards 8077/8091	1 RM	332
861	BMW-I.267	Supply of 110mm PPR Socket conforming to DIN Standards 8077/8092	1 RM	592
862	BMW-I.268	Supply of 32mm PPR Core Flange conforming to DIN Standards 8077/8086	Each	36
863	BMW-I.269	Supply of 40mm PPR Core Flange conforming to DIN Standards 8077/8087	Each	57
864	BMW-I.270	Supply of 50mm PPR Core Flange conforming to DIN Standards 8077/8088	Each	74
865	BMW-I.271	Supply of 63mm PPR Core Flange conforming to DIN Standards 8077/8089	Each	117
866	BMW-I.272	Supply of 75mm PPR Core Flange conforming to DIN Standards 8077/8090	Each	137
867	BMW-I.273	Supply of 90mm PPR Core Flange conforming to DIN Standards 8077/8091	Each	349
868	BMW-I.274	Supply of 110mm PPR Core Flange conforming to DIN Standards 8077/8092	Each	452
869	BMW-I.275	Supply of 20mm PPR Elbow conforming to DIN Standards 8077/8084	Each	15
870	BMW-I.276	Supply of 25mm PPR Elbow conforming to DIN Standards 8077/8085	Each	19
871	BMW-I.277	Supply of 32mm PPR Elbow conforming to DIN Standards 8077/8086	Each	37
872	BMW-I.278	Supply of 40mm PPR Elbow conforming to DIN Standards 8077/8087	Each	64
873	BMW-I.279	Supply of 50mm PPR Elbow conforming to DIN Standards 8077/8088	Each	119
874	BMW-I.280	Supply of 63mm PPR Elbow conforming to DIN Standards 8077/8089	Each	233
875	BMW-I.281	Supply of 75mm PPR Elbow conforming to DIN Standards 8077/8090	Each	377
876	BMW-I.282	Supply of 90mm PPR Elbow conforming to DIN Standards 8077/8091	Each	701
877	BMW-I.283	Supply of 110mm PPR Elbow conforming to DIN Standards 8077/8092	Each	1301
878	BMW-I.284	Supply of 20mm PPR Tee conforming to DIN Standards 8077/8084	Each	14
879	BMW-I.285	Supply of 25mm PPR Tee conforming to DIN Standards 8077/8085	Each	24
880	BMW-I.286	Supply of 32mm PPR Tee conforming to DIN Standards 8077/8086	Each	43
881	BMW-I.287	Supply of 40mm PPR Tee conforming to DIN Standards 8077/8087	Each	77
882	BMW-I.288	Supply of 50mm PPR Tee conforming to DIN Standards 8077/8088	Each	136
883	BMW-I.289	Supply of 63mm PPR Tee conforming to DIN Standards 8077/8089	Each	276

1	2	3	4	5
884	BMW-I.290	Supply of 75mm PPR Tee conforming to DIN Standards 8077/8090	Each	541
885	BMW-I.291	Supply of 90mm PPR Tee conforming to DIN Standards 8077/8091	Each	784
886	BMW-I.292	Supply of 110mm PPR Tee conforming to DIN Standards 8077/8092	Each	1359
887	BMW-I.293	Supply of 20mm PPR End Cap conforming to DIN Standards 8077/8084	Each	6
888	BMW-I.294	Supply of 25mm PPR End Cap conforming to DIN Standards 8077/8085	Each	9
889	BMW-I.295	Supply of 32mm PPR End Cap conforming to DIN Standards 8077/8086	Each	18
890	BMW-I.296	Supply of 40mm PPR End Cap conforming to DIN Standards 8077/8087	Each	31
891	BMW-I.297	Supply of 50mm PPR End Cap conforming to DIN Standards 8077/8088	Each	54
892	BMW-I.298	Supply of 63mm PPR End Cap conforming to DIN Standards 8077/8089	Each	114
893	BMW-I.299	Supply of 75mm PPR End Cap conforming to DIN Standards 8077/8090	Each	191
894	BMW-I.300	Supply of 90mm PPR End Cap conforming to DIN Standards 8077/8091	Each	304
895	BMW-I.301	Supply of 110mm PPR End Cap conforming to DIN Standards 8077/8092	Each	602
896	BMW-I.302	Supply of 25mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	11
897	BMW-I.303	Supply of 32mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	19
898	BMW-I.304	Supply of 32mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	18
899	BMW-I.305	Supply of 40mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	31
900	BMW-I.306	Supply of 40mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	31
901	BMW-I.307	Supply of 40mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	30
902	BMW-I.308	Supply of 50mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	46
903	BMW-I.309	Supply of 50mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	47
904	BMW-I.310	Supply of 50mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	48
905	BMW-I.311	Supply of 50mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	48
906	BMW-I.312	Supply of 63mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	105
907	BMW-I.313	Supply of 63mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	105
908	BMW-I.314	Supply of 63mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	106
909	BMW-I.315	Supply of 63mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	107
910	BMW-I.316	Supply of 63mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	108
911	BMW-I.317	Supply of 75mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	156
912	BMW-I.318	Supply of 75mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	157
913	BMW-I.319	Supply of 75mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	200
914	BMW-I.320	Supply of 90mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	382

1	2	3	4	5
915	BMW-I.321	Supply of 90mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	405
916	BMW-I.322	Supply of 110mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	510
917	BMW-I.323	Supply of 110mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	594
918	BMW-I.324	Supply of 110mm x 90mm PPR Reducer conforming to DIN Standards 8077/8092	Each	640
919	BMW-I.325	Supply of 25mm x 20mm x 25mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	30
920	BMW-I.326	Supply of 32mm x 25mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	52
921	BMW-I.327	Supply of 32mm x 20mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	53
922	BMW-I.328	Supply of 40mm x 20mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	86
923	BMW-I.329	Supply of 40mm x 25mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	88
924	BMW-I.330	Supply of 40mm x 32mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	89
925	BMW-I.331	Supply of 50mm x 20mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	124
926	BMW-I.332	Supply of 50mm x 25mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	126
927	BMW-I.333	Supply of 50mm x 32mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	129
928	BMW-I.334	Supply of 50mm x 40mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	130
929	BMW-I.335	Supply of 63mm x 20mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	360
930	BMW-I.336	Supply of 63mm x 25mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	361
931	BMW-I.337	Supply of 63mm x 32mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	366
932	BMW-I.338	Supply of 63mm x 40mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	372
933	BMW-I.339	Supply of 63mm x 50mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	378
934	BMW-I.340	Supply of 75mm x 50mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	509
935	BMW-I.341	Supply of 75mm x 63mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	516
936	BMW-I.342	Supply of 90mm x 50mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	685
937	BMW-I.343	Supply of 90mm x 63mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	727
938	BMW-I.344	Supply of 110mm x 75mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1241
939	BMW-I.345	Supply of 110mm x 90mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1290
940	BMW-I.346	Supply of 20mm x 1/2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	95
941	BMW-I.347	Supply of 25mm x 1/2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	98
942	BMW-I.348	Supply of 25mm x 3/4" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	171
943	BMW-I.349	Supply of 32mm x 1/2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	174
944	BMW-I.350	Supply of 32mm x 3/4" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	180
945	BMW-I.351	Supply of 32mm x 1" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	278

1	2	3	4	5
946	BMW-I.352	Supply of 40mm x 1¼" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	412
947	BMW-I.353	Supply of 50mm x 1½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	575
948	BMW-I.354	Supply of 63mm x 2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	764
949	BMW-I.355	Supply of 75mm x 2½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1474
950	BMW-I.356	Supply of 20mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	148
951	BMW-I.357	Supply of 25mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	153
952	BMW-I.358	Supply of 25mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	223
953	BMW-I.359	Supply of 32mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	233
954	BMW-I.360	Supply of 32mm x 1" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	433
955	BMW-I.361	Supply of 40mm x 1¼" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	508
956	BMW-I.362	Supply of 50mm x 1½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	709
957	BMW-I.363	Supply of 63mm x 2" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1091
958	BMW-I.364	Supply of 75mm x 2½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1745
959	BMW-I.365	Supply of 20mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	102
960	BMW-I.366	Supply of 25mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	106
961	BMW-I.367	Supply of 25mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	164
962	BMW-I.368	Supply of 32mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	157
963	BMW-I.369	Supply of 32mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	184
964	BMW-I.370	Supply of 32mm x 1" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	308
965	BMW-I.371	Supply of 20mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	153
966	BMW-I.372	Supply of 25mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	168
967	BMW-I.373	Supply of 25mm x ¾" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	222
968	BMW-I.374	Supply of 32mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	213
969	BMW-I.375	Supply of 32mm x 1" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	460
970	BMW-I.376	Supply of 20mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	99
971	BMW-I.377	Supply of 25mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	108
972	BMW-I.378	Supply of 25mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	180
973	BMW-I.379	Supply of 32mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	190
974	BMW-I.380	Supply of 32mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	213
975	BMW-I.381	Supply of 32mm x 1" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	299
976	BMW-I.382	Supply of 20mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	154

1	2	3	4	5
977	BMW-I.383	Supply of 25mm x 1/2" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	164
978	BMW-I.384	Supply of 25mm x 3/4" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	236
979	BMW-I.385	Supply of 32mm x 1/2" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	241
980	BMW-I.386	Supply of 32mm x 3/4" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	254
981	BMW-I.387	Supply of 32mm x 1" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	469
982	BMW-I.388	Supply of 20mm x 1/2" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	396
983	BMW-I.389	Supply of 25mm x 3/4" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	594
984	BMW-I.390	Supply of 32mm x 1" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	793
985	BMW-I.391	Supply of 40mm x 1 1/4" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	1111
986	BMW-I.392	Supply of 50mm x 1 1/2" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	1785
987	BMW-I.393	Supply of 63mm x 2" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	2835
988	BMW-I.394	Supply of 20mm x 1/2" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	454
989	BMW-I.395	Supply of 25mm x 3/4" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	604
990	BMW-I.396	Supply of 32mm x 1" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	793
991	BMW-I.397	Supply of 40mm x 1 1/4" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	991
992	BMW-I.398	Supply of 50mm x 1 1/2" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	1884
993	BMW-I.399	Supply of 63mm x 2" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	3173
994	BMW-I.400	Supply of 20mm PPR Union conforming to DIN Standards 8077/8092	Each	87
995	BMW-I.401	Supply of 25mm PPR Union conforming to DIN Standards 8077/8092	Each	101
996	BMW-I.402	Supply of 32mm PPR Union conforming to DIN Standards 8077/8092	Each	167
997	BMW-I.403	Supply of 20mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	158
998	BMW-I.404	Supply of 25mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	208
999	BMW-I.405	Supply of 32mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	219
1000	BMW-I.406	Supply of 40mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	447
1001	BMW-I.407	Supply of 50mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	521
1002	BMW-I.408	Supply of 63mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	844
1003	BMW-I.409	Supply of 75mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	1389
1004	BMW-I.410	Supply of 90mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	1984
1005	BMW-I.411	Supply of 20mm PPR Clamp conforming to DIN Standards 8077/8092	Each	9
1006	BMW-I.412	Supply of 25mm PPR Clamp conforming to DIN Standards 8077/8092	Each	12
1007	BMW-I.413	Supply of 32mm PPR Clamp conforming to DIN Standards 8077/8092	Each	14

1	2	3	4	5
1008	BMW-I.414	Supply of 40mm PPR Clamp conforming to DIN Standards 8077/8092	Each	15
1009	BMW-I.415	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice - up to 40 mm dia	1 RM	26
1010	BMW-I.416	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice - above 40 mm dia	1 RM	53

**GOVERNMENT OF ANDHRA PRADESH
ROADS AND BUILDINGS DEPARTMENT**

Buildings SoR 2014-15 (Electrical Items)

SL NO	Item Code	QTY		DESCRIPTION	BASIC RATE for SOR 2014-15 excluding subsumed taxes
1	2	3		4	5
				SECTION - I	
1.1				M.S. PIPES	
1	ELEC-1.1.1	1	Mtr	Supply of ISI, 20mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB. (SOR-2014-15-ELEC-1.1.1)	58.8225
2	ELEC-1.1.2	1	Mtr	Supply of ISI, 25mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB. (SOR-2014-15-ELEC-1.1.2)	68.64
3	ELEC-1.1.3	1	Mtr	Supply of ISI, 32mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB. (SOR-2014-15-ELEC-1.1.3)	102.8775
4	ELEC-1.1.4	1	Mtr	Supply of ISI, 38mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB. (SOR-2014-15-ELEC-1.1.4)	103.95
5	ELEC-1.1.5	1	Mtr	Supply of ISI, 50mm dia,16 guage thickness MS conduit pipe of makes NAI / Bharath / GB. (SOR-2014-15-ELEC-1.1.5)	147.015
6	ELEC-1.1.6	1	No	Supply of 19 / 20 mm MS Junction box normal range big size long neck. (SOR-2014-15-ELEC-1.1.6)	19.8
7	ELEC-1.1.7	1	No	Supply of 25 mm MS Junction box normal range big size long neck. (SOR-2014-15-ELEC-1.1.7)	19.8
8	ELEC-1.1.8	1	No	Supply of 32 mm MS Junction box normal range big size long neck. (SOR-2014-15-ELEC-1.1.8)	51.975
9	ELEC-1.1.9	1	No	Supply of 40 / 38 mm MS Junction box normal range big size long neck. (SOR-2014-15-ELEC-1.1.9)	61.05
10	ELEC-1.1.10	1	No	Supply of 50 mm MS Junction box normal range big size long neck. (SOR-2014-15-ELEC-1.1.10)	109.725
11	ELEC-1.1.11	1	No	Supply of 25/20mm MS Junction deep box. (SOR-2014-15-ELEC-1.1.11)	32.175
12	ELEC-1.1.12	1	No	Supply of 32mm MS Junction deep box. (SOR-2014-15-ELEC-1.1.12)	73.425
13	ELEC-1.1.13	1	No	Supply of 40mm MS Junction deep box. (SOR-2014-15-ELEC-1.1.13)	75.9
14	ELEC-1.1.14	1	No	Supply of 19/20mm MS Inspection Bends. (SOR-2014-15-ELEC-1.1.14)	18.15
15	ELEC-1.1.15	1	No	Supply of 25mm MS Inspection Bends. (SOR-2014-15-ELEC-1.1.15)	18.15
16	ELEC-1.1.16	1	No	Supply of 32mm MS Inspection Bends. (SOR-2014-15-ELEC-1.1.16)	45.375

1	2	3	4	5
17	ELEC-1.1.17	1 No	Supply of 40/38mm MS Inspection Bends. (SOR-2014-15-ELEC-1.1.17)	55.275
18	ELEC-1.1.18	1 No	Supply of 50mm MS Inspection Bends. (SOR-2014-15-ELEC-1.1.18)	94.05
19	ELEC-1.1.19	1 No	Supply of 19/20mm MS Inspection Tee. (SOR-2014-15-ELEC-1.1.19)	18.975
20	ELEC-1.1.20	1 No	Supply of 25mm MS Inspection Tee. (SOR-2014-15-ELEC-1.1.20)	19.8
21	ELEC-1.1.21	1 No	Supply of 32mm MS Inspection Tee. (SOR-2014-15-ELEC-1.1.21)	51.975
22	ELEC-1.1.22	1 No	Supply of 40/38mm MS Inspection Tee. (SOR-2014-15-ELEC-1.1.22)	61.05
23	ELEC-1.1.23	1 No	Supply of 50mm MS Inspection Tee. (SOR-2014-15-ELEC-1.1.23)	109.725
24	ELEC-1.1.24	1 No	Supply of 19/20mm MS Inspection Elbow. (SOR-2014-15-ELEC-1.1.24)	17.325
25	ELEC-1.1.25	1 No	Supply of 25mm MS Inspection Elbow. (SOR-2014-15-ELEC-1.1.25)	17.325
26	ELEC-1.1.26	1 No	Supply of 32mm MS Inspection Elbow. (SOR-2014-15-ELEC-1.1.26)	43.725
27	ELEC-1.1.27	1 No	Supply of 40/38mm MS Inspection Elbow. (SOR-2014-15-ELEC-1.1.27)	53.625
28	ELEC-1.1.28	1 No	Supply of 50mm MS Inspection Elbow. (SOR-2014-15-ELEC-1.1.28)	89.1
29	ELEC-1.1.29	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 19/20mm. (SOR-2014-15-ELEC-1.1.29)	169.95
30	ELEC-1.1.30	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 25mm. (SOR-2014-15-ELEC-1.1.30)	211.2
31	ELEC-1.1.31	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 32mm. (SOR-2014-15-ELEC-1.1.31)	391.875
32	ELEC-1.1.32	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 40/38mm. (SOR-2014-15-ELEC-1.1.32)	529.65
33	ELEC-1.1.33	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 50mm. (SOR-2014-15-ELEC-1.1.33)	1049.4
34	ELEC-1.1.34	100 Nos	Supply of 19/20mm Saddles with Base. (SOR-2014-15-ELEC-1.1.34)	174.075
35	ELEC-1.1.35	100 Nos	Supply of 25mm Saddles with Base. (SOR-2014-15-ELEC-1.1.35)	181.5
36	ELEC-1.1.36	100 Nos	Supply of 32mm Saddles with Base. (SOR-2014-15-ELEC-1.1.36)	299.475
37	ELEC-1.1.37	100 Nos	Supply of 40/38mm Saddles with Base. (SOR-2014-15-ELEC-1.1.37)	318.45
38	ELEC-1.1.38	100 Nos	Supply of 50mm Saddles with Base. (SOR-2014-15-ELEC-1.1.38)	367.95
39	ELEC-1.1.39	100 Nos	Supply of 19/20mm 20 guage Saddles. (SOR-2014-15-ELEC-1.1.39)	93.225
40	ELEC-1.1.40	100 Nos	Supply of 25mm 20 guage Saddles. (SOR-2014-15-ELEC-1.1.40)	122.925
41	ELEC-1.1.41	100 Nos	Supply of 32mm 20 guage Saddles. (SOR-2014-15-ELEC-1.1.41)	201.3
42	ELEC-1.1.42	100 Nos	Supply of 40/38mm 20 guage Saddles. (SOR-2014-15-ELEC-1.1.42)	254.1
43	ELEC-1.1.43	100 Nos	Supply of 50mm 20 guage Saddles. (SOR-2014-15-ELEC-1.1.43)	309.375
44	ELEC-1.1.44	12 Nos	Supply of 19/20mm 16 Guage socket coupler. (SOR-2014-15-ELEC-1.1.44)	47.025
45	ELEC-1.1.45	12 Nos	Supply of 25mm 16 Guage socket coupler. (SOR-2014-15-ELEC-1.1.45)	59.4

1	2	3	4	5	
46	ELEC-1.1.46	12	Nos	Supply of 32mm 16 Guage socket coupler. (SOR-2014-15-ELEC-1.1.46)	89.1
47	ELEC-1.1.47	12	Nos	Supply of 38mm 16 Guage socket coupler. (SOR-2014-15-ELEC-1.1.47)	106.425
48	ELEC-1.1.48	12	Nos	Supply of 40mm 16 Guage socket coupler. (SOR-2014-15-ELEC-1.1.48)	141.9
49	ELEC-1.1.49	12	Nos	Supply of 50mm 16 Guage socket coupler. (SOR-2014-15-ELEC-1.1.49)	174.9
50	ELEC-1.1.50	12	Nos	Supply of 19mm Ball Socket. (SOR-2014-15-ELEC-1.1.50)	174.9
51	ELEC-1.1.51	12	Nos	Supply of 25mm Ball Socket. (SOR-2014-15-ELEC-1.1.51)	170.775
1.2				PVC CONDUIT PIPES	
52	ELEC-1.2.1	1	Mtr	Supply of ISI 20mm outer dia medium (1.55mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul. (SOR-2014-15-ELEC-1.2.1)	15.7575
53	ELEC-1.2.2	1	Mtr	Supply of ISI 20mm outer dia heavy (2.10mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul. (SOR-2014-15-ELEC-1.2.2)	19.965
54	ELEC-1.2.3	1	Mtr	Supply of ISI 25mm outer dia medium (1.80mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul. (SOR-2014-15-ELEC-1.2.3)	20.955
55	ELEC-1.2.4	1	Mtr	Supply of ISI 25mm outer dia heavy (2.20mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul. (SOR-2014-15-ELEC-1.2.4)	26.235
56	ELEC-1.2.5	1	Mtr	Supply of ISI 32mm outer dia medium (2.10mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul. (SOR-2014-15-ELEC-1.2.5)	35.0625
57	ELEC-1.2.6	1	Mtr	Supply of ISI 40mm outer dia medium (2.30mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul. (SOR-2014-15-ELEC-1.2.6)	48.18
58	ELEC-1.2.7	1	Mtr	Supply of ISI 50mm outer dia medium (2.85mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul. (SOR-2014-15-ELEC-1.2.7)	67.155
59	ELEC-1.2.8	1	Mtr	Supply of Non - ISI 19mm 1.50mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast. (SOR-2014-15-ELEC-1.2.8)	11.4675
60	ELEC-1.2.9	1	Mtr	Supply of Non - ISI 19mm 1.80mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast. (SOR-2014-15-ELEC-1.2.9)	15.2625
61	ELEC-1.2.10	1	Mtr	Supply of Non - ISI 25mm 1.50mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast. (SOR-2014-15-ELEC-1.2.10)	15.2625
62	ELEC-1.2.11	1	Mtr	Supply of Non - ISI 25mm 1.80mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast. (SOR-2014-15-ELEC-1.2.11)	20.0475

1	2	3	4	5
63	ELEC-1.2.12	1 Mtr	Supply of Non - ISI 32mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast. (SOR-2014-15-ELEC-1.2.12)	26.6475
64	ELEC-1.2.13	1 Mtr	Supply of Non - ISI 40mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast. (SOR-2014-15-ELEC-1.2.13)	35.2275
65	ELEC-1.2.14	1 Mtr	Supply of Non - ISI 50mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast. (SOR-2014-15-ELEC-1.2.14)	40.0125
66	ELEC-1.2.15	1 Mtr	Supply of ISI 19/20mm width and 12.5mm height Casing and Caping of Modi make. (SOR-2014-15-ELEC-1.2.15)	20.955
67	ELEC-1.2.16	1 Mtr	Supply of ISI 25mm width and 12.5mm height Casing and Caping of Modi make. (SOR-2014-15-ELEC-1.2.16)	26.235
68	ELEC-1.2.17	1 Mtr	Supply of ISI 32mm width and 12.5mm height Casing and Caping of Modi make. (SOR-2014-15-ELEC-1.2.17)	30.4425
69	ELEC-1.2.18	1 Mtr	Supply of ISI 38/40mm width and 12.5mm height Casing and Caping of Modi make. (SOR-2014-15-ELEC-1.2.18)	52.3875
70	ELEC-1.2.19	1 Mtr	Supply of Non - ISI 19/20mm width and 12.5mm height Casing and Caping of Diamond / Durga make. (SOR-2014-15-ELEC-1.2.19)	14.2725
71	ELEC-1.2.20	1 Mtr	Supply of Non - ISI 25mm width and 12.5mm height Casing and Caping of Diamond / Durga make. (SOR-2014-15-ELEC-1.2.20)	15.2625
72	ELEC-1.2.21	1 Mtr	Supply of Non - ISI 32mm width and 12.5mm height Casing and Caping of Diamond / Durga make. (SOR-2014-15-ELEC-1.2.21)	20.0475
73	ELEC-1.2.22	1 Mtr	Supply of Non - ISI 38/40mm width and 12.5mm height Casing and Caping of Diamond / Durga make. (SOR-2014-15-ELEC-1.2.22)	29.535
74	ELEC-1.2.23	1 Mtr	Supply of 19/20mm PVC Flexible Pipe. (SOR-2014-15-ELEC-1.2.23)	3.0525
75	ELEC-1.2.24	1 Mtr	Supply of 25mm PVC Flexible Pipe. (SOR-2014-15-ELEC-1.2.24)	4.0425
76	ELEC-1.2.25	1 Mtr	Supply of 32mm PVC Flexible Pipe. (SOR-2014-15-ELEC-1.2.25)	5.0325
77	ELEC-1.2.26	1 Mtr	Supply of 40/38mm PVC Flexible Pipe. (SOR-2014-15-ELEC-1.2.26)	10.065
78	ELEC-1.2.27	1 Mtr	Supply of 50mm PVC Flexible Pipe. (SOR-2014-15-ELEC-1.2.27)	16.005
79	ELEC-1.2.28	1 No	Supply of 19/20mm PVC Flexible Couplings. (SOR-2014-15-ELEC-1.2.28)	9.075
80	ELEC-1.2.29	1 No	Supply of 25mm PVC Flexible Couplings. (SOR-2014-15-ELEC-1.2.29)	11.55
81	ELEC-1.2.30	1 No	Supply of 32mm PVC Flexible Couplings. (SOR-2014-15-ELEC-1.2.30)	23.1
82	ELEC-1.2.31	1 No	Supply of 40/38mm PVC Flexible Couplings. (SOR-2014-15-ELEC-1.2.31)	24.75
83	ELEC-1.2.32	1 No	Supply of 50mm PVC Flexible Couplings. (SOR-2014-15-ELEC-1.2.32)	50.325
84	ELEC-1.2.33	1 No	Supply of 19/20mm PVC Junction Boxes Normal. (SOR-2014-15-ELEC-1.2.33)	14.025

1	2	3	4	5	
85	ELEC-1.2.34	1	No	Supply of 25mm PVC Junction Boxes Normal. (SOR-2014-15-ELEC-1.2.34)	15.675
86	ELEC-1.2.35	1	No	Supply of 32mm PVC Junction Boxes Normal. (SOR-2014-15-ELEC-1.2.35)	28.05
87	ELEC-1.2.36	1	No	Supply of 40mm PVC Junction Boxes Normal. (SOR-2014-15-ELEC-1.2.36)	30.525
88	ELEC-1.2.37	1	No	Supply of 50mm PVC Junction Boxes Normal. (SOR-2014-15-ELEC-1.2.37)	42.075
89	ELEC-1.2.38	1	No	Supply of PVC Junction Boxes Deep size 19/20mm. (SOR-2014-15-ELEC-1.2.38)	18.15
90	ELEC-1.2.39	1	No	Supply of PVC Junction Boxes Deep size 25mm. (SOR-2014-15-ELEC-1.2.39)	20.625
91	ELEC-1.2.40	1	No	Supply of PVC Junction Boxes Deep size 32mm. (SOR-2014-15-ELEC-1.2.40)	33
92	ELEC-1.2.41	1	No	Supply of PVC Junction Boxes Deep size 40/38mm. (SOR-2014-15-ELEC-1.2.41)	35.475
93	ELEC-1.2.42	1	No	Supply of PVC Junction Boxes Deep size 50mm. (SOR-2014-15-ELEC-1.2.42)	52.8
94	ELEC-1.2.43	1	No	Supply of 19/20mm dia 1.5mm thick PVC Bends of Sudhakar make. (SOR-2014-15-ELEC-1.2.43)	3.3
95	ELEC-1.2.44	1	No	Supply of 25mm dia 1.5mm thick PVC Bends of Sudhakar make. (SOR-2014-15-ELEC-1.2.44)	4.95
96	ELEC-1.2.45	1	No	Supply of 32mm dia 2.0mm thick PVC Bends of Sudhakar make. (SOR-2014-15-ELEC-1.2.45)	13.2
97	ELEC-1.2.46	1	No	Supply of 40mm dia 2.0mm thick PVC Bends of Sudhakar make. (SOR-2014-15-ELEC-1.2.46)	15.675
98	ELEC-1.2.47	1	No	Supply of 50mm dia 2.0mm thick PVC Bends of Sudhakar make. (SOR-2014-15-ELEC-1.2.47)	23.1
99	ELEC-1.2.48	1	No	Dummy Cover to PVC junction boxes. (SOR-2014-15-ELEC-1.2.48)	3.3
1.3				HOT DIP GALVANIZED METAL BOXES (MODULAR)	
100	ELEC-1.3.1	1	No	Supply of 1 or 2 Module box. (SOR-2014-15-ELEC-1.3.1)	48.735
101	ELEC-1.3.2	1	No	Supply of 3 Module box. (SOR-2014-15-ELEC-1.3.2)	68.4
102	ELEC-1.3.3	1	No	Supply of 4 Module box. (SOR-2014-15-ELEC-1.3.3)	82.08
103	ELEC-1.3.4	1	No	Supply of 6 Module box. (SOR-2014-15-ELEC-1.3.4)	111.15
104	ELEC-1.3.5	1	No	Supply of 8 or 9 Module box Horizontal/Vertical. (SOR-2014-15-ELEC-1.3.5)	145.35

1	2	3	4	5
105	ELEC-1.3.6	1 No	Supply of 12 Module box. (SOR-2014-15-ELEC-1.3.6)	178.695
			METALLIC BOXES (MS)	
106	ELEC-1.3.7	1 No	Supply of 4" x 4" Metal Box. (SOR-2014-15-ELEC-1.3.7)	45.315
107	ELEC-1.3.8	1 No	Supply of 4" x 7" Metal Box. (SOR-2014-15-ELEC-1.3.8)	53.865
108	ELEC-1.3.9	1 No	Supply of 6" x 6" Metal Box. (SOR-2014-15-ELEC-1.3.9)	67.545
109	ELEC-1.3.10	1 No	Supply of 6" x 8" Metal Box. (SOR-2014-15-ELEC-1.3.10)	89.775
110	ELEC-1.3.11	1 No	Supply of 10" x 8" Metal Box. (SOR-2014-15-ELEC-1.3.11)	157.32
111	ELEC-1.3.12	1 No	Supply of 10" x 12" Metal Box. (SOR-2014-15-ELEC-1.3.12)	201.78
1.4			T.W. BOARDS	
112	ELEC-1.4.1	1 No	Supply of T.W.Deep Box of Size 4" x 4". (SOR-2014-15-ELEC-1.4.1)	8.55
113	ELEC-1.4.2	1 No	Supply of T.W.Deep Box of Size 4" x 7". (SOR-2014-15-ELEC-1.4.2)	15.39
114	ELEC-1.4.3	1 No	Supply of T.W.Deep Box of Size 6" x 6". (SOR-2014-15-ELEC-1.4.3)	18.81
115	ELEC-1.4.4	1 No	Supply of T.W.Deep Box of Size 6" x 8". (SOR-2014-15-ELEC-1.4.4)	25.65
116	ELEC-1.4.5	1 No	Supply of T.W.Deep Box of Size 8" x 10". (SOR-2014-15-ELEC-1.4.5)	41.04
117	ELEC-1.4.6	1 No	Supply of T.W.Deep Box of Size 10" x 12". (SOR-2014-15-ELEC-1.4.6)	62.415
118	ELEC-1.4.7	1 No	Supply of T.W.Deep Box of Size 12" x 15". (SOR-2014-15-ELEC-1.4.7)	93.195
119	ELEC-1.4.8	1 No	Supply of Decolam Board of Size 4" x 4". (SOR-2014-15-ELEC-1.4.8)	11.97
120	ELEC-1.4.9	1 No	Supply of Decolam Board of Size 4" x 7". (SOR-2014-15-ELEC-1.4.9)	21.375
121	ELEC-1.4.10	1 No	Supply of Decolam Board of Size 6" x 6". (SOR-2014-15-ELEC-1.4.10)	28.215
122	ELEC-1.4.11	1 No	Supply of Decolam Board of Size 6" x 8". (SOR-2014-15-ELEC-1.4.11)	37.62
123	ELEC-1.4.12	1 No	Supply of Decolam Board of Size 8" x 10". (SOR-2014-15-ELEC-1.4.12)	62.415
124	ELEC-1.4.13	1 No	Supply of Decolam Board of Size 10" x 12". (SOR-2014-15-ELEC-1.4.13)	93.195
125	ELEC-1.4.14	1 No	Supply of Decolam Board of Size 12" x 15". (SOR-2014-15-ELEC-1.4.14)	140.22
126	ELEC-1.4.15	1 No	Supply of Peeta Board of Size 9" x 14". (SOR-2014-15-ELEC-1.4.15)	45.315
127	ELEC-1.4.16	1 No	Supply of Peeta Board of Size 12" x 10". (SOR-2014-15-ELEC-1.4.16)	43.605
128	ELEC-1.4.17	1 No	Supply of Peeta Board of Size 15" x 20". (SOR-2014-15-ELEC-1.4.17)	155.61
129	ELEC-1.4.18	1 No	Supply of Peeta Board of Size 18" x 24". (SOR-2014-15-ELEC-1.4.18)	224.01

1	2	3		4	5
130	ELEC-1.4.19	1	No	Supply of Peeta Board of Size 18" x 30". (SOR-2014-15-ELEC-1.4.19)	279.585
131	ELEC-1.4.20	100	Nos	Supply of No.8 Screws of 12mm.(SOR-2014-15-ELEC-1.4.20)	50.445
132	ELEC-1.4.21	100	Nos	Supply of No.8 Screws of 25mm.(SOR-2014-15-ELEC-1.4.21)	61.56
133	ELEC-1.4.22	100	Nos	Supply of No.8 Screws of 30mm.(SOR-2014-15-ELEC-1.4.22)	76.095
134	ELEC-1.4.23	100	Nos	Supply of No.8 Screws of 35/38mm.(SOR-2014-15-ELEC-1.4.23)	82.08
135	ELEC-1.4.24	100	Nos	Supply of No.8 Screws of 50mm.(SOR-2014-15-ELEC-1.4.24)	92.34
136	ELEC-1.4.25	100	Nos	Supply of No.8 Screws of 63/75mm.(SOR-2014-15-ELEC-1.4.25)	112.005
1.5				COPPER FLEXIBLE CABLES (AS PER IS:694)	
137	ELEC-1.5.1	100	Mtrs	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel. (SOR-2014-15-ELEC-1.5.1)	867.075
138	ELEC-1.5.2	100	Mtrs	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel. (SOR-2014-15-ELEC-1.5.2)	1282.875
139	ELEC-1.5.3	100	Mtrs	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel. (SOR-2014-15-ELEC-1.5.3)	2070.75
140	ELEC-1.5.4	100	Mtrs	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel. (SOR-2014-15-ELEC-1.5.4)	3162.225
141	ELEC-1.5.5	100	Mtrs	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel. (SOR-2014-15-ELEC-1.5.5)	4808.1
142	ELEC-1.5.6	100	Mtrs	Supply of 140/0.3mm (10.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes Finolex / RR kabel. (SOR-2014-15-ELEC-1.5.6)	7449.75
143	ELEC-1.5.7	100	Mtrs	Supply of 126/0.4mm (16.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes Finolex / RR kabel. (SOR-2014-15-ELEC-1.5.7)	11781

1	2	3	4	5	
144	ELEC-1.5.8	100	Mtrs	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white. (SOR-2014-15-ELEC-1.5.8)	762.3
145	ELEC-1.5.9	100	Mtrs	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white. (SOR-2014-15-ELEC-1.5.9)	1120.35
146	ELEC-1.5.10	100	Mtrs	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white. (SOR-2014-15-ELEC-1.5.10)	1810.875
147	ELEC-1.5.11	100	Mtrs	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white. (SOR-2014-15-ELEC-1.5.11)	2772
148	ELEC-1.5.12	100	Mtrs	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white. (SOR-2014-15-ELEC-1.5.12)	4331.25
149	ELEC-1.5.13	100	Mtrs	Supply of 140/0.3mm (10.0 Sqmm) FRLS / HFFR PVC insulated flexible Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art. (SOR-2014-15-ELEC-1.5.13)	6583.5
150	ELEC-1.5.14	100	Mtrs	Supply of 126/0.4mm (16.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art. (SOR-2014-15-ELEC-1.5.14)	10914.75
151	ELEC-1.5.15	100	Mtrs	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab. (SOR-2014-15-ELEC-1.5.15)	657.525
152	ELEC-1.5.16	100	Mtrs	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab. (SOR-2014-15-ELEC-1.5.16)	948.75

1	2	3	4	5	
153	ELEC-1.5.17	100	Mtrs	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab. (SOR-2014-15-ELEC-1.5.17)	1531.2
154	ELEC-1.5.18	100	Mtrs	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab. (SOR-2014-15-ELEC-1.5.18)	2295.975
155	ELEC-1.5.19	100	Mtrs	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab. (SOR-2014-15-ELEC-1.5.19)	3551.625
156	ELEC-1.5.20	100	Mtrs	Supply of 140/0.3mm (10.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab. (SOR-2014-15-ELEC-1.5.20)	5630.625
157	ELEC-1.5.21	100	Mtrs	Supply of 126/0.4mm (16.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab. (SOR-2014-15-ELEC-1.5.21)	8662.5
SHEATHED FLEXIBLE CABLES					
158	ELEC-1.5.22	100	Mtrs	Supply of PVC insulated 2 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.22)	5931.75
159	ELEC-1.5.23	100	Mtrs	Supply of PVC insulated 2 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.23)	5513.475
160	ELEC-1.5.24	100	Mtrs	Supply of PVC insulated 2 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.24)	8476.05
161	ELEC-1.5.25	100	Mtrs	Supply of PVC insulated 3 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.25)	4732.2
162	ELEC-1.5.26	100	Mtrs	Supply of PVC insulated 3 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.26)	7612.275
163	ELEC-1.5.27	100	Mtrs	Supply of PVC insulated 3 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.27)	11603.625

1	2	3	4	5	
164	ELEC-1.5.28	100	Mtrs	Supply of PVC insulated 4 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.28)	6098.4
165	ELEC-1.5.29	100	Mtrs	Supply of PVC insulated 4 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.29)	9711.075
166	ELEC-1.5.30	100	Mtrs	Supply of PVC insulated 4 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable. (SOR-2014-15-ELEC-1.5.30)	14779.875
1.6				SERVICE MAINS AND FLAT CABLE OF ISI FOR SUBMERSIBLE MOTORS.	
167	ELEC-1.6.1	100	Mtrs	Supply of 2.5 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.1)	608.025
168	ELEC-1.6.2	100	Mtrs	Supply of 6 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.2)	1235.025
169	ELEC-1.6.3	100	Mtrs	Supply of 10 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.3)	1329.075
170	ELEC-1.6.4	100	Mtrs	Supply of 16 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.4)	2221.725
171	ELEC-1.6.5	100	Mtrs	Supply of 6 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.5)	2489.025
172	ELEC-1.6.6	100	Mtrs	Supply of 10 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.6)	2993.925
173	ELEC-1.6.7	100	Mtrs	Supply of 16 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.7)	5613.3
174	ELEC-1.6.8	100	Mtrs	Supply of 23 / 0060 twin core twisted / flat heavy Copper wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab. (SOR-2014-15-ELEC-1.6.8)	858
175	ELEC-1.6.9	100	Mtrs	Supply of 3 Core 1.5 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG. (SOR-2014-15-ELEC-1.6.9)	4716.525

1	2	3		4	5
176	ELEC-1.6.10	100	Mtrs	Supply of 3 Core 2.5 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG. (SOR-2014-15-ELEC-1.6.10)	7241.85
177	ELEC-1.6.11	100	Mtrs	Supply of 3 Core 4.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG. (SOR-2014-15-ELEC-1.6.11)	10862.775
178	ELEC-1.6.12	100	Mtrs	Supply of 3 Core 6.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG. (SOR-2014-15-ELEC-1.6.12)	16008.3
179	ELEC-1.6.13	100	Mtrs	Supply of 3 Core 10.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG. (SOR-2014-15-ELEC-1.6.13)	26013.9
1.7				FLUSH TYPE SWITCHES AND ACCESSORIES	
180	ELEC-1.7.1	1	No	Supply of 6A 1 Way flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.1)	15.39
181	ELEC-1.7.2	1	No	Supply of 6A 2 Way flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.2)	17.955
182	ELEC-1.7.3	1	No	Supply of 6A 2 pin flush type Socket of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.3)	17.1
183	ELEC-1.7.4	1	No	Supply of 6A 3/2 pin flush type Socket with shutter of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.4)	23.085
184	ELEC-1.7.5	1	No	Supply of 6A flush type Neon Indicator of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.5)	17.1
185	ELEC-1.7.6	1	No	Supply of 6A Triangle Plug Top of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.6)	29.925
186	ELEC-1.7.7	1	No	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.7)	17.955
187	ELEC-1.7.8	1	No	Supply of 16A flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.8)	55.575
188	ELEC-1.7.9	1	No	Supply of 16A flush type Socket with shutter of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.9)	55.575

1	2	3	4	5	
189	ELEC-1.7.10	1	No	Supply of 16A flush type Switch Socket combined (2 in one) of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.10)	87.21
190	ELEC-1.7.11	1	No	Supply of 16A Triangle Plug Top of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.11)	42.75
191	ELEC-1.7.12	1	No	Supply of stepped type Electronic Regulator of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.12)	188.1
192	ELEC-1.7.13	1	No	Supply of 3 Plate Jumbo Ceiling Rose of makes Anchor / Gold Medal Olive / Million Zoom. (SOR-2014-15-ELEC-1.7.13)	17.955
193	ELEC-1.7.14	1	No	Supply of BH / SBH of makes Anchor / Gold Medal Olive / Million Zoom. (SOR-2014-15-ELEC-1.7.14)	17.1
194	ELEC-1.7.15	1	No	Supply of Pendent Holder / Adopter of makes Anchor / Gold Medal Olive / Million Zoom. (SOR-2014-15-ELEC-1.7.15)	14.535
195	ELEC-1.7.16	1	No	Supply of Telephone Jack with Connector of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.16)	41.04
196	ELEC-1.7.17	1	No	Supply of TV Antenna Outlet of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega. (SOR-2014-15-ELEC-1.7.17)	22.23
197	ELEC-1.7.18	1	No	Supply of 15A/10A Flush type Fuse of makes GM / Million / Gold Medal / Maru Mantero / Anchor Penta Cherry / Great white. (SOR-2014-15-ELEC-1.7.18)	27.36
198	ELEC-1.7.19	1	No	Supply of 32A DP Flush type of makes GM / Million / Gold Medal / Maru Mantero / Anchor Penta Cherry / Great white. (SOR-2014-15-ELEC-1.7.19)	90.63
199	ELEC-1.7.20	1	No	Supply of Calling Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.20)	42.75
200	ELEC-1.7.21	1	No	Supply of Buzzer of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.21)	38.475
201	ELEC-1.7.22	1	No	Supply of Ding Dong Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.22)	87.21
202	ELEC-1.7.23	1	No	Supply of Electronic Musical Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.23)	205.2
203	ELEC-1.7.24	1	No	Supply of Remote Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.24)	384.75
204	ELEC-1.7.25	1	No	Supply of MC Holder of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.25)	17.955

1	2	3	4	5	
205	ELEC-1.7.26	1	No	Supply of Spike Guard with 1 No Switch and 4 Nos Sockets of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.26)	265.05
206	ELEC-1.7.27	1	No	Supply of Spike Guard with 4 No Switches and 4 Nos Sockets of makes GM / Million / Gold Medal / Maru / Anchor / Great white. (SOR-2014-15-ELEC-1.7.27)	350.55
207	ELEC-1.7.28	1	No	Supply of 6A 1 Way flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.28)	12.825
208	ELEC-1.7.29	1	No	Supply of 6A 2 Way flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.29)	16.245
209	ELEC-1.7.30	1	No	Supply of 6A 2 pin flush type Socket of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.30)	12.825
210	ELEC-1.7.31	1	No	Supply of 6A 3/2 pin flush type Socket with shutter of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.31)	17.1
211	ELEC-1.7.32	1	No	Supply of 6A flush type Neon Indicator of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.32)	15.39
212	ELEC-1.7.33	1	No	Supply of 6A Triangle Plug Top of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.33)	23.94
213	ELEC-1.7.34	1	No	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.34)	15.39
214	ELEC-1.7.35	1	No	Supply of 16A flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.35)	47.025
215	ELEC-1.7.36	1	No	Supply of 16A flush type Socket with shutter of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.36)	47.025
216	ELEC-1.7.37	1	No	Supply of 16A flush type Switch Socket combined (2 in one) of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.37)	72.675
217	ELEC-1.7.38	1	No	Supply of 16A Triangle Plug Top of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.38)	37.62
218	ELEC-1.7.39	1	No	Supply of stepped type Electronic Regulator of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.39)	153.9
219	ELEC-1.7.40	1	No	Supply of 3 Plate Jumbo Ceiling Rose of makes Vimal opel / Maru Mantero / Starex Smile / CPL. (SOR-2014-15-ELEC-1.7.40)	13.68
220	ELEC-1.7.41	1	No	Supply of 32A DP Flush type of makes GM / Gold Medal / Anchor / Great White/ Milltec / Vimal / Maru / Star. (SOR-2014-15-ELEC-1.7.41)	72.675
1.8				MINI MODULAR SWITCHES AND ACCESSORIES	
221	ELEC-1.8.1	1	No	Supply of 6A 1 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.1)	19.665

1	2	3	4	5	
222	ELEC-1.8.2	1	No	Supply of 6A 2 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.2)	22.23
223	ELEC-1.8.3	1	No	Supply of 6A 2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.3)	20.52
224	ELEC-1.8.4	1	No	Supply of 6A 3/2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.4)	29.925
225	ELEC-1.8.5	1	No	Supply of 6A Mini Modular Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.5)	23.94
226	ELEC-1.8.6	1	No	Supply of 6A Mini Modular Bed Switch / Bell Push with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.6)	22.23
227	ELEC-1.8.7	1	No	Supply of 6A 1 Way Mini Modular Switch with Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.7)	23.94
228	ELEC-1.8.8	1	No	Supply of 6A Mini Modular Bell Push with Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.8)	33.345
229	ELEC-1.8.9	1	No	Supply of 16A Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.9)	68.4
230	ELEC-1.8.10	1	No	Supply of 16A (2 in one) Mini Modular Switch & Socket combined with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.10)	94.05
231	ELEC-1.8.11	1	No	Supply of 16A Triangle Top with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.11)	41.895
232	ELEC-1.8.12	1	No	Supply of Mini Modular Stepped type Electronic Regulator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.12)	205.2
233	ELEC-1.8.13	1	No	Supply of Mini Modular Telephone Jack with Connector with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.13)	46.17
234	ELEC-1.8.14	1	No	Supply of Mini Modular TV Antenna Outlet with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.14)	29.925
235	ELEC-1.8.15	1	No	Supply of 16A/10A Mini Modular Flush Fuse with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White. (SOR-2014-15-ELEC-1.8.15)	34.2
1.9				MODULAR SWITCHES AND ACCESSORIES	

1	2	3	4	5	
236	ELEC-1.9.1	1	No	Supply of 6A / 10A 1 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.1)	78.66
237	ELEC-1.9.2	1	No	Supply of 6A / 10A 2 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.2)	86.355
238	ELEC-1.9.3	1	No	Supply of 6A / 10A 2 Pin 2 Module Modular Socket of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.3)	79.515
239	ELEC-1.9.4	1	No	Supply of 6A / 10A 3/2 Pin 2 Module Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.4)	120.555
240	ELEC-1.9.5	1	No	Supply of 6A / 10A 1 Module Modular Switch with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.5)	100.035
241	ELEC-1.9.6	1	No	Supply of 6A / 10A Modular Bell Push with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.6)	117.135
242	ELEC-1.9.7	1	No	Supply of 16A / 10A Modular Flush Fuse with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.7)	107.73
243	ELEC-1.9.8	1	No	Supply of 16A / 20A 1 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.8)	107.73
244	ELEC-1.9.9	1	No	Supply of 16A / 20A 2 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.9)	117.99
245	ELEC-1.9.10	1	No	Supply of 20A 1 Way 1 Module Modular Switch with Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.10)	117.99
246	ELEC-1.9.11	1	No	Supply of 20A Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.11)	160.74
247	ELEC-1.9.12	1	No	Supply of 16A/6A 1 way Combi Socket Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.12)	167.58
248	ELEC-1.9.13	1	No	Supply of 16A Triangle Top of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.13)	135.09
249	ELEC-1.9.14	1	No	Supply of 1 Module Modular type Electronic step type Fan Regulator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.14)	404.415
250	ELEC-1.9.15	1	No	Supply of Modular socket type Telephone jack with Connector of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.15)	85.5

1	2	3		4	5
251	ELEC-1.9.16	1	No	Supply of Modular co-Axial socket type TV Antenna outlet of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.16)	83.79
252	ELEC-1.9.17	1	No	Supply of 6A / 10A 1 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.17)	53.865
253	ELEC-1.9.18	1	No	Supply of 6A / 10A 2 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.18)	64.125
254	ELEC-1.9.19	1	No	Supply of 6A / 10A 2 Pin 1 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.19)	54.72
255	ELEC-1.9.20	1	No	Supply of 6A / 10A 3/2 Pin 2 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.20)	79.515
256	ELEC-1.9.21	1	No	Supply of 6A / 10A 1 Module Modular Switch with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.21)	64.125
257	ELEC-1.9.22	1	No	Supply of 6A / 10A 1 Module Modular Bell Push with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.22)	76.95
258	ELEC-1.9.23	1	No	Supply of 16A / 10A 1 Module Modular Flush Fuse with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.23)	70.965
259	ELEC-1.9.24	1	No	Supply of 16A / 20A 1 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.24)	70.965
260	ELEC-1.9.25	1	No	Supply of 16A / 20A 2 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.25)	81.225
261	ELEC-1.9.26	1	No	Supply of 20A 1 Way 1 Module Modular Switch with Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. 6(SOR-2014-15-ELEC-1.9.26)	77.805

1	2	3	4	5	
262	ELEC-1.9.27	1	No	Supply of 20A 2 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.27)	113.715
263	ELEC-1.9.28	1	No	Supply of 16A/6A 1 way 2 Module Combi Socket Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.28)	115.425
264	ELEC-1.9.29	1	No	Supply of 16A Triangle Top of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.29)	55.575
265	ELEC-1.9.30	1	No	Supply of 1 Module Modular type Electronic step type Fan Regulator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.30)	320.625
266	ELEC-1.9.31	1	No	Supply of Modular socket type Telephone jack with Connector of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.31)	55.575
267	ELEC-1.9.32	1	No	Supply of Modular co-Axial socket type TV Antenna outlet of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.32)	54.72
268	ELEC-1.9.33	1	No	Supply of 1 or 2 Modular Cover Frame of GM Four-Five / Legrand Arteur / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.33)	55.575
269	ELEC-1.9.34	1	No	Supply of 3 Modular Cover Frame of GM Four-Five / Legrand Arteur / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.34)	65.835
270	ELEC-1.9.35	1	No	Supply of 4 Modular Cover Frame of GM Four-Five / Legrand Arteur / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.35)	76.095
271	ELEC-1.9.36	1	No	Supply of 6 Modular Cover Frame of GM Four-Five / Legrand Arteur / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.36)	111.15
272	ELEC-1.9.37	1	No	Supply of 8 Modular Horizontal / Vertical Cover Frame of GM Four-Five / Legrand Arteur / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.37)	147.06
273	ELEC-1.9.38	1	No	Supply of 12 Modular Vertical Cover Frame of GM Four-Five / Legrand Arteur / Schneider Zen celo / MK Blenge. (SOR-2014-15-ELEC-1.9.38)	179.55
274	ELEC-1.9.39	1	No	Supply of 1 or 2 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.39)	47.88
275	ELEC-1.9.40	1	No	Supply of 3 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.40)	58.995

1	2	3	4	5	
276	ELEC-1.9.41	1	No	Supply of 4 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.41)	69.255
277	ELEC-1.9.42	1	No	Supply of 6 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.42)	92.34
278	ELEC-1.9.43	1	No	Supply of 8 Modular Horizontal / Vertical Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.43)	117.135
279	ELEC-1.9.44	1	No	Supply of 12 Modular Vertical Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL. (SOR-2014-15-ELEC-1.9.44)	142.785
				SECTION - II	
2.1				PANEL MOUNTING SWITCH DISCONNECTOR FUSE UNITS (SDFU) AS PER IS: 13947	
280	ELEC-2.1.1	1	No	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS. (SOR-2014-15-ELEC-2.1.1)	1155.105
281	ELEC-2.1.2	1	No	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS. (SOR-2014-15-ELEC-2.1.2)	1991.295
282	ELEC-2.1.3	1	No	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS. (SOR-2014-15-ELEC-2.1.3)	4769.19
283	ELEC-2.1.4	1	No	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS. (SOR-2014-15-ELEC-2.1.4)	6224.4
284	ELEC-2.1.5	1	No	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS. (SOR-2014-15-ELEC-2.1.5)	7472.7
285	ELEC-2.1.6	1	No	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS. (SOR-2014-15-ELEC-2.1.6)	11504.025
286	ELEC-2.1.7	1	No	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS. (SOR-2014-15-ELEC-2.1.7)	19458.945
287	ELEC-2.1.8	1	No	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL. (SOR-2014-15-ELEC-2.1.8)	965.295
288	ELEC-2.1.9	1	No	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL. (SOR-2014-15-ELEC-2.1.9)	1446.66

1	2	3	4	5	
289	ELEC-2.1.10	1	No	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL. (SOR-2014-15-ELEC-2.1.10)	3272.085
290	ELEC-2.1.11	1	No	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL. (SOR-2014-15-ELEC-2.1.11)	4944.465
291	ELEC-2.1.12	1	No	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL. (SOR-2014-15-ELEC-2.1.12)	5575.455
292	ELEC-2.1.13	1	No	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL. (SOR-2014-15-ELEC-2.1.13)	8515.8
293	ELEC-2.1.14	1	No	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL. (SOR-2014-15-ELEC-2.1.14)	14139.99
2.2				ON LOAD CHANGEOVER SWITCHES (OPEN EXECUTION) AS PER IS:13947	
294	ELEC-2.2.1	1	No	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T. (SOR-2014-15-ELEC-2.2.1)	3535.425
295	ELEC-2.2.2	1	No	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T. (SOR-2014-15-ELEC-2.2.2)	6692.94
296	ELEC-2.2.3	1	No	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T. (SOR-2014-15-ELEC-2.2.3)	8955.27
297	ELEC-2.2.4	1	No	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T. (SOR-2014-15-ELEC-2.2.4)	12725.82
298	ELEC-2.2.5	1	No	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T. (SOR-2014-15-ELEC-2.2.5)	19418.76
299	ELEC-2.2.6	1	No	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T. (SOR-2014-15-ELEC-2.2.6)	23095.26
300	ELEC-2.2.7	1	No	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells. (SOR-2014-15-ELEC-2.2.7)	3205.395
301	ELEC-2.2.8	1	No	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells. (SOR-2014-15-ELEC-2.2.8)	6226.965
302	ELEC-2.2.9	1	No	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells. (SOR-2014-15-ELEC-2.2.9)	8241.345
303	ELEC-2.2.10	1	No	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells. (SOR-2014-15-ELEC-2.2.10)	11721.195

1	2	3	4	5	
304	ELEC-2.2.11	1	No	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells. (SOR-2014-15-ELEC-2.2.11)	18222.615
305	ELEC-2.2.12	1	No	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells. (SOR-2014-15-ELEC-2.2.12)	21885.435
306	ELEC-2.2.13	1	No	Supply of 32A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells. (SOR-2014-15-ELEC-2.2.13)	1229.49
2.3				OFF LOAD CHANGE OVER SWITCHES IN SS ENCLOSURE AS PER IS:13947	
307	ELEC-2.3.1	1	No	Supply of 32A 240V DP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.3.1)	1126.89
308	ELEC-2.3.2	1	No	Supply of 63A 415V FP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.3.2)	3927.87
309	ELEC-2.3.3	1	No	Supply of 100A 415V FP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.3.3)	5990.13
310	ELEC-2.3.4	1	No	Supply of 32A 240V DP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star. (SOR-2014-15-ELEC-2.3.4)	649.8
311	ELEC-2.3.5	1	No	Supply of 63A 415V FP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star. (SOR-2014-15-ELEC-2.3.5)	2282.85
312	ELEC-2.3.6	1	No	Supply of 100A 415V FP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star. (SOR-2014-15-ELEC-2.3.6)	4291.245
2.4				REWIRABLE / DOUBLE BREAK SWITCHES IN SS ENCLOSURE AS PER IS:13947	
313	ELEC-2.4.1	1	No	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.4.1)	800.28
314	ELEC-2.4.2	1	No	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.4.2)	1236.33
315	ELEC-2.4.3	1	No	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.4.3)	2823.21
316	ELEC-2.4.4	1	No	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.4.4)	5256.54
317	ELEC-2.4.5	1	No	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuses of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.4.5)	5292.45
318	ELEC-2.4.6	1	No	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuses of makes HPL / Havells / Standard. (SOR-2014-15-ELEC-2.4.6)	7716.375

1	2	3	4	5	
319	ELEC-2.4.7	1	No	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star. (SOR-2014-15-ELEC-2.4.7)	530.1
320	ELEC-2.4.8	1	No	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star. (SOR-2014-15-ELEC-2.4.8)	883.215
321	ELEC-2.4.9	1	No	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star. (SOR-2014-15-ELEC-2.4.9)	2009.25
322	ELEC-2.4.10	1	No	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star. (SOR-2014-15-ELEC-2.4.10)	3915.045
323	ELEC-2.4.11	1	No	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuse of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star. (SOR-2014-15-ELEC-2.4.11)	4044.15
324	ELEC-2.4.12	1	No	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuse of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star. (SOR-2014-15-ELEC-2.4.12)	6623.685
2.5				HRC FUSE LINKS (BOLTED TYPE)	
325	ELEC-2.5.1	1	No	Supply of up to 32A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens. (SOR-2014-15-ELEC-2.5.1)	42.75
326	ELEC-2.5.2	1	No	Supply of 32A to 63A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens. (SOR-2014-15-ELEC-2.5.2)	65.835
327	ELEC-2.5.3	1	No	Supply of 125A to 200A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens. (SOR-2014-15-ELEC-2.5.3)	212.04
328	ELEC-2.5.4	1	No	Supply of 250A to 350A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens. (SOR-2014-15-ELEC-2.5.4)	310.365
329	ELEC-2.5.5	1	No	Supply of 400A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens. (SOR-2014-15-ELEC-2.5.5)	601.92
330	ELEC-2.5.6	1	No	Supply of 630A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens. (SOR-2014-15-ELEC-2.5.6)	1218.375
2.6				PORCELAIN REWIRABLE FUSE UNITS.	
331	ELEC-2.6.1	1	No	Supply of 32A 240V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec. (SOR-2014-15-ELEC-2.6.1)	84.645
332	ELEC-2.6.2	1	No	Supply of 32A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec. (SOR-2014-15-ELEC-2.6.2)	105.165
333	ELEC-2.6.3	1	No	Supply of 63A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec. (SOR-2014-15-ELEC-2.6.3)	221.445

1	2	3	4	5	
334	ELEC-2.6.4	1	No	Supply of 100A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec. (SOR-2014-15-ELEC-2.6.4)	413.82
335	ELEC-2.6.5	1	No	Supply of 200A 415V Porcelain Rewirable Fuse Units with extension strip of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec. (SOR-2014-15-ELEC-2.6.5)	761.805
336	ELEC-2.6.6	1	No	Supply of 300A 415V Porcelain Rewirable Fuse Units with extension strip of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec. (SOR-2014-15-ELEC-2.6.6)	1010.61
2.7				VOLTAGE SURGE PROTECTORS	
337	ELEC-2.7.1	1	No	Supply of 2 Pole 2 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E. (SOR-2014-15-ELEC-2.7.1)	6840
338	ELEC-2.7.2	1	No	Supply of 4 Pole 4 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E. (SOR-2014-15-ELEC-2.7.2)	12825
339	ELEC-2.7.3	1	No	Supply of 2 Pole 2 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E. (SOR-2014-15-ELEC-2.7.3)	5472
340	ELEC-2.7.4	1	No	Supply of 4 Pole 4 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E. (SOR-2014-15-ELEC-2.7.4)	10260
2.8				PANEL MOUNTING MCCBs/ ACBs (Thermal Magnetic Release)	
341	ELEC-2.8.1	1	No	Supply of 63A / 60A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens. (SOR-2014-15-ELEC-2.8.1)	5181.3
342	ELEC-2.8.2	1	No	Supply of 125A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens. (SOR-2014-15-ELEC-2.8.2)	6150.87
343	ELEC-2.8.3	1	No	Supply of 250A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens. (SOR-2014-15-ELEC-2.8.3)	13701.375
344	ELEC-2.8.4	1	No	Supply of 400A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens. (SOR-2014-15-ELEC-2.8.4)	18544.95
345	ELEC-2.8.5	1	No	Supply of 63A / 60A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens. (SOR-2014-15-ELEC-2.8.5)	5825.115

1	2	3	4	5	
346	ELEC-2.8.6	1	No	Supply of 125A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens. (SOR-2014-15-ELEC-2.8.6)	7438.5
347	ELEC-2.8.7	1	No	Supply of 250A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 35/36 KA with thermal magnetic release Panel Mounted of makes L&T (DN2-250N) / Schneider / Siemens / Hager. (SOR-2014-15-ELEC-2.8.7)	17799.39
348	ELEC-2.8.8	1	No	Supply of 400A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 50 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens. (SOR-2014-15-ELEC-2.8.8)	22407.84
349	ELEC-2.8.9	1	No	Supply of 63A / 60A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. (SOR 2014-15-ELEC-2.8.9)	3615.795
350	ELEC-2.8.10	1	No	Supply of 125A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. (SOR 2014-15-ELEC-2.8.10)	4109.985
351	ELEC-2.8.11	1	No	Supply of 250A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. (SOR 2014-15-ELEC-2.8.11)	12673.665
352	ELEC-2.8.12	1	No	Supply of 63A / 60A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. (SOR 2014-15-ELEC-2.8.12)	4846.14
353	ELEC-2.8.13	1	No	Supply of 125A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. (SOR 2014-15-ELEC-2.8.13)	5405.31
354	ELEC-2.8.14	1	No	Supply of 250A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 36 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. (SOR 2014-15-ELEC-2.8.14)	15398.55
355	ELEC-2.8.15	1	No	Supply of 400A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 50 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. (SOR 2014-15-ELEC-2.8.15)	19570.95
				PANEL MOUNTING ACBs (Microprocessor Based)	

1	2	3		4	5
356	ELEC-2.8.16	1	No	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.16)	89299.62
357	ELEC-2.8.17	1	No	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.17)	111014.055
358	ELEC-2.8.18	1	No	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.18)	119523.015
359	ELEC-2.8.19	1	No	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.19)	148040.685
360	ELEC-2.8.20	1	No	Supply of 800A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.20)	125920.98
361	ELEC-2.8.21	1	No	Supply of 800A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.21)	156246.12
362	ELEC-2.8.22	1	No	Supply of 1000A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.22)	132336.9
363	ELEC-2.8.23	1	No	Supply of 1000A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider. (SOR-2014-15-ELEC-2.8.23)	166632.66
364	ELEC-2.8.24	1	No	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes ABB / Legrand / HPL / GE. (SOR-2014-15-ELEC-2.8.24)	80370

1	2	3	4	5	
365	ELEC-2.8.25	1	No	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes ABB / Legrand / HPL / GE. (SOR 2014-15-ELEC-2.8.25)	99912.735
366	ELEC-2.8.26	1	No	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes ABB / Legrand / HPL / GE. (SOR 2014-15-ELEC-2.8.26)	107570.115
367	ELEC-2.8.27	1	No	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of makes ABB / Legrand / HPL / GE. (SOR 2014-15-ELEC-2.8.27)	133236.36
368	ELEC-2.8.28	1	No	Supply of 800A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes ABB / Legrand / HPL / GE. (SOR 2014-15-ELEC-2.8.28)	113328.54
369	ELEC-2.8.29	1	No	Supply of 800A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes ABB / Legrand / HPL / GE. (SOR 2014-15-ELEC-2.8.29)	140621.85
370	ELEC-2.8.30	1	No	Supply, instalation, testing and commisioning of 800 Amp, 50KA breaking capacity (100% Neutral busbar) air insulated compact Raising mains system made of CRCA sheet steel encloser of thickness not less than 1.5 mm having degree of protection of IP 55 as per 2127. wall strapas, fully PVC insulated four strip ALUMINIUM busbar in convinent sections including , end feed unit, end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. System,etc., Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.30)	11395.44
371	ELEC-2.8.31	1	No	Supply and Fixing of Spring suspension hanger for rising Main for 400A / 800A Raising Mains. Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.31)	4604.175
372	ELEC-2.8.32	1	No	Supply and Fixing of Suspension brackets for rising main for 400A / 800A Raising Mains Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.32)	3988.575

1	2	3	4	5	
373	ELEC-2.8.33	1	No	Supply and Fixing of 800 Amps Horizontal / Vertical bends Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.33)	29754
374	ELEC-2.8.34	1	No	Supply and Fixing of Adopter box for 400A / 800A Raising Mains Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.34)	12825
375	ELEC-2.8.35	1	No	Supply and Fixing of 800 Amps Copper Flexibles for three phases and neutral Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.35)	39800.25
376	ELEC-2.8.36	1	No	Supply, instalation, testing and commisioning of 400 Amp, 50KA breaking capacity (100% Neutral busbar) air insulated compact Raising mains system made of CRCA sheet steel encloser of thickness not less than 1.5 mm having degree of protection of IP 55 as per 2127. wall strapes, fully PVC insulated four strip ALUMINIUM busbar in convinent sections including required end feed unit, end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. System,etc., Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.36)	8903.115
377	ELEC-2.8.37	1	No	Supply and Fixing of 400 Amps Horizontal / Vertical bends Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.37)	28001.25
378	ELEC-2.8.38	1	No	Supply and Fixing of 400 Amps Copper Flexibles for three phases and neutral Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.38)	34926.75
379	ELEC-2.8.39	1	No	Supply and Fixing of 400 Amps Tap off box Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.39)	38090.25
380	ELEC-2.8.40	1	No	Supply and Fixing of 250 Amps Tap off box Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.40)	35568
381	ELEC-2.8.41	1	No	Supply and Fixing of 250 Amps TPN 36KA DPX 250-ER MCCB for tap off boxes for power supply Makes: Legrand / L&T / Seimens / Schiender / GE. (SOR-2014-15-ELEC-2.8.41)	14169.915
2.9				MCBs (AS PER IS:60898-1:2002)	
382	ELEC-2.9.1	1	No	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.1)	171.855
383	ELEC-2.9.2	1	No	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.2)	361.665
384	ELEC-2.9.3	1	No	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.3)	508.725
385	ELEC-2.9.4	1	No	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.4)	822.51

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386	ELEC-2.9.5	1	No	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.5)	816.525
387	ELEC-2.9.6	1	No	Supply of 40-63A 10KA TP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.6)	1262.835
388	ELEC-2.9.7	1	No	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.7)	1095.255
389	ELEC-2.9.8	1	No	Supply of 40-63A FP MCB, C/D Curve ISI Mark of make Legrand / Schneider. (SOR-2014-15-ELEC-2.9.8)	1623.645
390	ELEC-2.9.9	1	No	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.9)	138.51
391	ELEC-2.9.10	1	No	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.10)	304.38
392	ELEC-2.9.11	1	No	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.11)	437.76
393	ELEC-2.9.12	1	No	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.12)	599.355
394	ELEC-2.9.13	1	No	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.13)	699.39
395	ELEC-2.9.14	1	No	Supply of 40-63A 10KA TP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.14)	969.57
396	ELEC-2.9.15	1	No	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.15)	908.01
397	ELEC-2.9.16	1	No	Supply of 40 - 63A 10KA FP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.9.16)	1217.52
398	ELEC-2.9.17	1	No	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.17)	103.455
399	ELEC-2.9.18	1	No	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.18)	188.955
400	ELEC-2.9.19	1	No	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.19)	286.425
401	ELEC-2.9.20	1	No	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark C-Curve of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.20)	428.355

1	2	3	4	5	
402	ELEC-2.9.21	1	No	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.21)	523.26
403	ELEC-2.9.22	1	No	Supply of 40 - 63A 10KA TP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.22)	807.975
404	ELEC-2.9.23	1	No	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.23)	672.885
405	ELEC-2.9.24	1	No	Supply of 40 - 63A 10KA FP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.9.24)	950.76
2.10				ISOLATORS CONFIRMS TO I E C 60947 PART-III	
406	ELEC-2.10.1	1	No	Supply of 32A DP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.1)	288.99
407	ELEC-2.10.2	1	No	Supply of 40A DP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.2)	313.785
408	ELEC-2.10.3	1	No	Supply of 63A DP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.3)	417.24
409	ELEC-2.10.4	1	No	Supply of 40A TP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.4)	533.52
410	ELEC-2.10.5	1	No	Supply of 63A TP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.5)	619.875
411	ELEC-2.10.6	1	No	Supply of 40A FP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.6)	695.97
412	ELEC-2.10.7	1	No	Supply of 63A FP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.7)	760.95
413	ELEC-2.10.8	1	No	Supply of 100A FP Isolator of make Legrand / Schneider. (SOR-2014-15-ELEC-2.10.8)	817.38
414	ELEC-2.10.9	1	No	Supply of 32A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.9)	271.89
415	ELEC-2.10.10	1	No	Supply of 40A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.10)	285.57
416	ELEC-2.10.11	1	No	Supply of 63A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.11)	351.405
417	ELEC-2.10.12	1	No	Supply of 40A TP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.12)	500.175
418	ELEC-2.10.13	1	No	Supply of 63A TP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.13)	504.45
419	ELEC-2.10.14	1	No	Supply of 40A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.14)	579.69
420	ELEC-2.10.15	1	No	Supply of 63A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.15)	627.57
421	ELEC-2.10.16	1	No	Supply of 100A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.10.16)	784.89
422	ELEC-2.10.17	1	No	Supply of 32A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.10.17)	183.825

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423	ELEC-2.10.18	1	No	Supply of 40A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.10.18)	220.59
424	ELEC-2.10.19	1	No	Supply of 63A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.10.19)	294.975
425	ELEC-2.10.20	1	No	Supply of 40A TP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.10.20)	327.465
426	ELEC-2.10.21	1	No	Supply of 63A TP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.10.21)	365.94
427	ELEC-2.10.22	1	No	Supply of 40A FP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.10.22)	489.06
2.11				RCCBs CONFIRMS TO IEC:61008 AND IS:12640	
428	ELEC-2.11.1	1	No	Supply of 40A 2 Pole RCCB 30mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.1)	2308.5
429	ELEC-2.11.2	1	No	Supply of 63A 2 Pole RCCB 30mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.2)	2821.5
430	ELEC-2.11.3	1	No	Supply of 40A 2 Pole RCCB 100mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.3)	2479.5
431	ELEC-2.11.4	1	No	Supply of 63A 2 Pole RCCB 100mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.4)	2847.15
432	ELEC-2.11.5	1	No	Supply of 40A 4 Pole RCCB 30mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.5)	2539.35
433	ELEC-2.11.6	1	No	Supply of 63A 4 Pole RCCB 30mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.6)	3005.325
434	ELEC-2.11.7	1	No	Supply of 40A 4 Pole RCCB 100mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.7)	2680.425
435	ELEC-2.11.8	1	No	Supply of 63A 4 Pole RCCB 100mA, of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.8)	3420
436	ELEC-2.11.9	1	No	Supply of 40A 2 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.9)	1839.96
437	ELEC-2.11.10	1	No	Supply of 63A 2 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.10)	2481.21
438	ELEC-2.11.11	1	No	Supply of 40A 2 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.11)	1810.89
439	ELEC-2.11.12	1	No	Supply of 63A 2 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.12)	2376.9
440	ELEC-2.11.13	1	No	Supply of 40A 4 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.13)	2263.185

1	2	3	4	5	
441	ELEC-2.11.14	1	No	Supply of 63A 4 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.14)	2581.245
442	ELEC-2.11.15	1	No	Supply of 40A 4 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.15)	2187.09
443	ELEC-2.11.16	1	No	Supply of 63A 4 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.11.16)	2519.685
444	ELEC-2.11.17	1	No	Supply of MCB type Change Over Switch 20A Double Pole 2 way 400V AC suitable to fix on Din Channel of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.11.17)	1607.4
2.12				MCB DISTRIBUTION BOARDS (AS PER IS:13032)	
445	ELEC-2.12.1	1		Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.1)	649.8
446	ELEC-2.12.2	1		Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.2)	752.4
447	ELEC-2.12.3	1	No	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.3)	893.475
448	ELEC-2.12.4	1	No	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.4)	846.45
449	ELEC-2.12.5	1	No	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.5)	1064.475
450	ELEC-2.12.6	1	No	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.6)	1286.775
451	ELEC-2.12.7	1	No	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.7)	395.865
452	ELEC-2.12.8	1	No	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.8)	518.13

1	2	3	4	5	
453	ELEC-2.12.9	1	No	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.9)	594.225
454	ELEC-2.12.10	1	No	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc completeof makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.10)	684
455	ELEC-2.12.11	1	No	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.11)	966.15
456	ELEC-2.12.12	1	No	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.12)	1154.25
457	ELEC-2.12.13	1	No	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.13)	280.44
458	ELEC-2.12.14	1	No	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.14)	381.33
459	ELEC-2.12.15	1	No	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.15)	467.685
460	ELEC-2.12.16	1	No	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.16)	471.105
461	ELEC-2.12.17	1	No	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.17)	646.38
462	ELEC-2.12.18	1	No	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.18)	818.235

1	2	3	4	5	
463	ELEC-2.12.19	1	No	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.19)	1282.5
464	ELEC-2.12.20	1	No	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.20)	1881
465	ELEC-2.12.21	1	No	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.21)	3595.275
466	ELEC-2.12.22	1	No	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.22)	2129.805
467	ELEC-2.12.23	1	No	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.23)	3206.25
468	ELEC-2.12.24	1	No	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.24)	4641.795
469	ELEC-2.12.25	1	No	Supply of 4 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.25)	4381.875
470	ELEC-2.12.26	1	No	Supply of 8 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.26)	5405.31
471	ELEC-2.12.27	1	No	Supply of 12 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.27)	7867.71
472	ELEC-2.12.28	1	No	Supply of 4 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.28)	5168.475
473	ELEC-2.12.29	1	No	Supply of 6 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.29)	5985

1	2	3	4	5	
474	ELEC-2.12.30	1	No	Supply of 8 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.30)	6643.35
475	ELEC-2.12.31	1	No	Supply of 12 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.31)	8616.69
476	ELEC-2.12.32	1	No	Supply of 7 Segment 4 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 12 Nos SPMCB's as outgoing of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.32)	5557.5
477	ELEC-2.12.33	1	No	Supply of 7 Segment 8 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 24Nos SPMCB's as outgoing of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.33)	6669
478	ELEC-2.12.34	1	No	Supply of 4 Way VTPN DB suitable for accomodating 125A / 160A 4 Pole MCCB as incomer and 4 Nos TP MCBs as outgoing and with IP 43 Protection of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.34)	6705.765
479	ELEC-2.12.35	1	No	Supply of 8 Way VTPN DB suitable for accomodating 125A / 160A 4 Pole MCCB as incomer and 8 Nos TP MCBs as outgoing and with IP 43 Protection of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.35)	8398.665
480	ELEC-2.12.36	1	No	Supply of 20A SP Plug and Socket in SS enclosure of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.36)	770.355
481	ELEC-2.12.37	1	No	Supply of 20A TP Plug and Socket in SS enclosure of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.37)	1637.325
482	ELEC-2.12.38	1	No	Supply of 32A TP Plug and Socket in SS enclosure of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.38)	1955.385
483	ELEC-2.12.39	1	No	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.39)	1325.25
484	ELEC-2.12.40	1	No	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.40)	1881

1	2	3	4	5	
485	ELEC-2.12.41	1	No	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.41)	2565
486	ELEC-2.12.42	1	No	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.42)	1881
487	ELEC-2.12.43	1	No	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.43)	2992.5
488	ELEC-2.12.44	1	No	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.44)	4275
489	ELEC-2.12.45	1	No	Supply of 4 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.45)	3249
490	ELEC-2.12.46	1	No	Supply of 8 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.46)	4488.75
491	ELEC-2.12.47	1	No	Supply of 12 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.47)	5814
492	ELEC-2.12.48	1	No	Supply of 4 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.48)	4788
493	ELEC-2.12.49	1	No	Supply of 6 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.49)	6070.5

1	2	3	4	5	
494	ELEC-2.12.50	1	No	Supply of 8 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.50)	7780.5
495	ELEC-2.12.51	1	No	Supply of 12 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.51)	4189.5
496	ELEC-2.12.52	1	No	Supply of 7 Segment 4 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 12 Nos SPMCB's as out going of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager. (SOR-2014-15-ELEC-2.12.52)	4189.5
497	ELEC-2.12.53	1	No	Supply of 7 Segment 8 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 24Nos SPMCB's as out going of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	5301
498	ELEC-2.12.54	1	No	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.54)	1090.125
499	ELEC-2.12.55	1	No	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.55)	1513.35
500	ELEC-2.12.56	1	No	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.56)	1881
501	ELEC-2.12.57	1	No	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.57)	1410.75
502	ELEC-2.12.58	1	No	Supply of 6 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 18Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.58)	1624.5

1	2	3	4	5	
503	ELEC-2.12.59	1	No	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.59)	1881
504	ELEC-2.12.60	1	No	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.60)	2394
505	ELEC-2.12.61	1	No	Supply of 4 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 4 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.61)	2308.5
506	ELEC-2.12.62	1	No	Supply of 6 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 6 Nos T.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.62)	2992.5
507	ELEC-2.12.63	1	No	Supply of 8 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.63)	4018.5
508	ELEC-2.12.64	1	No	Supply of 4 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 4 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.64)	2308.5
509	ELEC-2.12.65	1	No	Supply of 8 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.65)	4018.5
510	ELEC-2.12.66	1	No	Supply of 12 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.66)	5386.5
511	ELEC-2.12.67	1	No	Supply of 20A SP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.67)	504.45
512	ELEC-2.12.68	1	No	Supply of 20A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.68)	790.875

1	2	3	4	5
513	ELEC-2.12.69	1 No	Supply of 32A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma. (SOR-2014-15-ELEC-2.12.69)	1111.5
514	ELEC-2.12.70	1 No	Supply of SP Enclosure with IP 20 Protection of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.70)	213.75
515	ELEC-2.12.71	1 No	Supply of DP/TP/FP Metal Enclosure with IP 20 Protection of makes Legrand / Schneider. (SOR-2014-15-ELEC-2.12.71)	312.93
			SECTION - 3	
			STREET LIGHT LUMINAIRES	
516	ELEC-3.1.1	1 No	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet alluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Wipro / G.E. / Phillips. (SOR-2014-15-ELEC-3.1.1)	1197
517	ELEC-3.1.2	1 No	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet alluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Crompton / Bajaj / HPL / Surya / Havells / Pierlite. (SOR-2014-15-ELEC-3.1.2)	1111.5
518	ELEC-3.1.3	1 No	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet alluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.3)	940.5
519	ELEC-3.1.4	1 No	Supply of 70W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya. (SOR-2014-15-ELEC-3.1.10)	3101.94
520	ELEC-3.1.5	1 No	Supply of 70W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite / Halonix. (SOR-2014-15-ELEC-3.1.5)	2890.755
521	ELEC-3.1.6	1 No	Supply of 70W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.6)	2441.88
522	ELEC-3.1.7	1 No	Supply of 150W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya. (SOR-2014-15-ELEC-3.1.7)	4554.585

1	2	3	4	5	
523	ELEC-3.1.8	1	No	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite / Halonix. (SOR-2014-15-ELEC-3.1.8)	4016.79
524	ELEC-3.1.9	1	No	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.9)	3777.39
525	ELEC-3.1.10	1	No	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya. (SOR-2014-15-ELEC-3.1.10)	5231.745
526	ELEC-3.1.11	1	No	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite / Halonix. (SOR-2014-15-ELEC-3.1.11)	4781.16
527	ELEC-3.1.12	1	No	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.12)	4121.1
528	ELEC-3.1.13	1	No	Supply of 150W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya. (SOR-2014-15-ELEC-3.1.13)	4596.48
529	ELEC-3.1.14	1	No	Supply of 150W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.14)	3896.235
530	ELEC-3.1.15	1	No	Supply of 150W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.15)	3205.395
531	ELEC-3.1.16	1	No	Supply of 250W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya. (SOR-2014-15-ELEC-3.1.16)	5979.015
532	ELEC-3.1.17	1	No	Supply of 250W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.17)	5499.36

1	2	3	4	5	
533	ELEC-3.1.18	1	No	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.18)	5188.995
534	ELEC-3.1.19	1	No	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya. (SOR-2014-15-ELEC-3.1.19)	6353.505
535	ELEC-3.1.20	1	No	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.20)	5655.825
536	ELEC-3.1.21	1	No	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya. (SOR-2014-15-ELEC-3.1.21)	6446.7
537	ELEC-3.1.22	1	No	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.22)	5813.145
538	ELEC-3.1.23	1	No	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.23)	5188.995
539	ELEC-3.1.24	1	No	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells. (SOR-2014-15-ELEC-3.1.24)	12449.655
540	ELEC-3.1.25	1	No	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.25)	11232.99
541	ELEC-3.1.26	1	No	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells. (SOR-2014-15-ELEC-3.1.26)	7193.97
542	ELEC-3.1.27	1	No	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.27)	6265.44

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543	ELEC-3.1.28	1	No	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.28)	5477.985
544	ELEC-3.1.29	1	No	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells. (SOR-2014-15-ELEC-3.1.29)	14033.115
545	ELEC-3.1.30	1	No	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.30)	12306.87
546	ELEC-3.1.31	1	No	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells. (SOR-2014-15-ELEC-3.1.31)	607.905
547	ELEC-3.1.32	1	No	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes HPL / Surya / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.32)	543.78
548	ELEC-3.1.33	1	No	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.33)	458.28
549	ELEC-3.1.34	1	No	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells. (SOR-2014-15-ELEC-3.1.34)	1425.285
550	ELEC-3.1.35	1	No	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes HPL / Surya / Venture / Pierlite. (SOR-2014-15-ELEC-3.1.35)	1158.525
551	ELEC-3.1.36	1	No	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK. (SOR-2014-15-ELEC-3.1.36)	915.705
552	ELEC-3.1.37	1	No	Supply of 1 x 26W CFL well glass, low bay luminaire with die cast alluminium housing epoxy gray powder coated built in Electronic ballast with gink plated wire guard and eye bolt of make Wipro / G.E. / Phillips / Bajaj / Crompton / Havells. (SOR-2014-15-ELEC-3.1.37)	1923.75
				POST TOP LANTERN LUMINAIRES	

1	2	3	4	5	
553	ELEC-3.2.1	1	No	Supply of 1 x 18W CFL integral post top luminaire with conical shape, opal clear acrylic diffuser with cast alluminium pole mounting capsule complete with all accessories and ballast of makes Crompton / Bajaj / Surya / Havells / HPL. (SOR-2014-15-ELEC-3.2.1)	1571.49
554	ELEC-3.2.2	1	No	Supply of 70W SV / MH integral HID lamp post top lantern BJDPTI 70SV / MH LPF or its equivalent with diamond / Mushroom / Spherical diffuser etc complete with all accessories of makes Wipro / Phillips / Bajaj / Crompton / Surya / HPL / Pierlite / Havells. (SOR-2014-15-ELEC-3.2.2)	3267.81
				ACCESSORIES FOR MV / SV / MH LUMINAIRES	
				COPPER BALLASTS	
555	ELEC-3.3.1	1	No	Supply of 80W MV copper ballast of makes G.E. / Phillips / Crompton / Bajaj / Surya / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.3.1)	606.195
556	ELEC-3.3.2	1	No	Supply of 80W MV copper ballast of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro. (SOR-2014-15-ELEC-3.3.2)	549.765
557	ELEC-3.3.3	1	No	Supply of 125W MV copper ballast of makes G.E. / Phillips / Crompton / Bajaj / Surya / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.3.3)	662.625
558	ELEC-3.3.4	1	No	Supply of 125W MV copper ballast of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro. (SOR-2014-15-ELEC-3.3.4)	557.46
559	ELEC-3.3.5	1	No	Supply of 70 W SV / MH copper ballast of makes Wipro / G.E. / Phillips. (SOR-2014-15-ELEC-3.3.5)	646.38
560	ELEC-3.3.6	1	No	Supply of 70 W SV / MH copper ballast of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.3.6)	549.765
561	ELEC-3.3.7	1	No	Supply of 70 W SV / MH copper ballast of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro. (SOR-2014-15-ELEC-3.3.7)	525.825
562	ELEC-3.3.8	1	No	Supply of 150 W SV / MH copper ballast of makes Wipro / G.E. / Phillips. (SOR-2014-15-ELEC-3.3.8)	1010.61
563	ELEC-3.3.9	1	No	Supply of 150 W SV / MH copper ballast of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.3.9)	859.275
564	ELEC-3.3.10	1	No	Supply of 150 W SV / MH copper ballast of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro. (SOR-2014-15-ELEC-3.3.10)	771.21
565	ELEC-3.3.11	1	No	Supply of 250 W SV / MH copper ballast of makes Wipro / G.E. / Phillips. (SOR-2014-15-ELEC-3.3.11)	1454.355
566	ELEC-3.3.12	1	No	Supply of 250 W SV / MH copper ballast of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.3.12)	1220.94
567	ELEC-3.3.13	1	No	Supply of 250 W SV / MH copper ballast of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro. (SOR-2014-15-ELEC-3.3.13)	1045.665

1	2	3	4	5	
568	ELEC-3.3.14	1	No	Supply of 400 W SV / MH copper ballast of makes Wipro / G.E. / Phillips. (SOR-2014-15-ELEC-3.3.14)	2100.735
569	ELEC-3.3.15	1	No	Supply of 400 W SV / MH copper ballast of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.3.15)	1786.095
570	ELEC-3.3.16	1	No	Supply of 400 W SV / MH copper ballast of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro. (SOR-2014-15-ELEC-3.3.16)	1450.08
571	ELEC-3.3.17	1	No	Supply of Ignitor for SV / MH Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.3.17)	153.9
572	ELEC-3.3.18	1	No	Supply of 4 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.3.18)	102.6
573	ELEC-3.3.19	1	No	Supply of 10 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.3.19)	171
574	ELEC-3.3.20	1	No	Supply of 15 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.3.20)	205.2
575	ELEC-3.3.21	1	No	Supply of 20 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.3.21)	273.6
576	ELEC-3.3.22	1	No	Supply of 33 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.3.22)	443.745
577	ELEC-3.3.23	1	No	Supply of 42 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.3.23)	495.045
				ENEGRY SAVING ELECTRONIC BALLAST FOR STREET LIGHT	
578	ELEC-3.3.24	1	No	Supply of 70W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE. (SOR-2014-15-ELEC-3.3.24)	2094.75
579	ELEC-3.3.25	1	No	Supply of 150W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE. (SOR-2014-15-ELEC-3.3.25)	2864.25
580	ELEC-3.3.26	1	No	Supply of 250W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE. (SOR-2014-15-ELEC-3.3.26)	3591
581	ELEC-3.3.27	1	No	Supply of 400W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE. (SOR-2014-15-ELEC-3.3.27)	4617
				BALLASTS FOR INDUCTION LAMPS	
582	ELEC-3.3.28			Supply of 40W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light. (SOR-2014-15-ELEC-3.3.28)	4275

1	2	3	4	5	
583	ELEC-3.3.29	1	No	Supply of 80W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light. (SOR-2014-15-ELEC-3.3.29)	4702.5
584	ELEC-3.3.30	1	No	Supply of 120W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light. (SOR-2014-15-ELEC-3.3.30)	5557.5
585	ELEC-3.3.31	1	No	Supply of 150W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light. (SOR-2014-15-ELEC-3.3.31)	6198.75
586	ELEC-3.3.32	1	No	Supply of 200W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light. (SOR-2014-15-ELEC-3.3.32)	6840
587	ELEC-3.3.33			Supply of 400W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light. (SOR-2014-15-ELEC-3.3.33)	13680
				LAMPS	
588	ELEC-3.4.1	1	No	Supply of 500W Hallozen Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.1)	92.34
589	ELEC-3.4.2	1	No	Supply of 500W Hallozen Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.2)	68.4
590	ELEC-3.4.3	1	No	Supply of 500W Hallozen Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.3)	51.3
591	ELEC-3.4.4	1	No	Supply of 1000W Hallozen Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.4)	111.15
592	ELEC-3.4.5	1	No	Supply of 1000W Hallozen Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.5)	85.5
593	ELEC-3.4.6	1	No	Supply of 1000W Hallozen Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.6)	68.4
594	ELEC-3.4.7	1	No	Supply of 70W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.7)	423.225
595	ELEC-3.4.8	1	No	Supply of 70W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.4.8)	384.75
596	ELEC-3.4.9	1	No	Supply of 70W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.9)	342
597	ELEC-3.4.10	1	No	Supply of 150W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.10)	607.05
598	ELEC-3.4.11	1	No	Supply of 150W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.4.11)	555.75
599	ELEC-3.4.12	1	No	Supply of 150W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.12)	513

1	2	3	4	5
600	ELEC-3.4.13	1 No	Supply of 250W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.13)	658.35
601	ELEC-3.4.14	1 No	Supply of 250W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.4.14)	615.6
602	ELEC-3.4.15	1 No	Supply of 250W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.15)	581.4
603	ELEC-3.4.16	1 No	Supply of 400W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.16)	718.2
604	ELEC-3.4.17	1 No	Supply of 400W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite. (SOR-2014-15-ELEC-3.4.17)	684
605	ELEC-3.4.18	1 No	Supply of 400W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.18)	666.9
606	ELEC-3.4.19	1 No	Supply of 70W double end MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.19)	517.275
607	ELEC-3.4.20	1 No	Supply of 70W double end MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.20)	495.9
608	ELEC-3.4.21	1 No	Supply of 70W double end MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.21)	453.15
609	ELEC-3.4.22	1 No	Supply of 150W double end MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.22)	769.5
610	ELEC-3.4.23	1 No	Supply of 150W double end MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.23)	726.75
611	ELEC-3.4.24	1 No	Supply of 150W double end MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.24)	684
612	ELEC-3.4.25	1 No	Supply of 70W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.25)	760.95
613	ELEC-3.4.26	1 No	Supply of 70W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.26)	726.75
614	ELEC-3.4.27	1 No	Supply of 150W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.27)	846.45
615	ELEC-3.4.28	1 No	Supply of 150W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.28)	812.25
616	ELEC-3.4.29	1 No	Supply of 150W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.29)	769.5
617	ELEC-3.4.30	1 No	Supply of 250W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.30)	1154.25
618	ELEC-3.4.31	1 No	Supply of 250W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.31)	1026

1	2	3	4	5
619	ELEC-3.4.32	1 No	Supply of 250W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.32)	940.5
620	ELEC-3.4.33	1 No	Supply of 400W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.33)	1316.7
621	ELEC-3.4.34	1 No	Supply of 400W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.34)	1239.75
622	ELEC-3.4.35	1 No	Supply of 400W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.35)	1197
623	ELEC-3.4.36	1 No	Supply of 80W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.36)	153.9
624	ELEC-3.4.37	1 No	Supply of 80W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.37)	136.8
625	ELEC-3.4.38	1 No	Supply of 80W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.38)	119.7
626	ELEC-3.4.39	1 No	Supply of 125W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.39)	162.45
627	ELEC-3.4.40	1 No	Supply of 125W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.40)	145.35
628	ELEC-3.4.41	1 No	Supply of 125W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.41)	128.25
629	ELEC-3.4.42	1 No	Supply of 250W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.42)	384.75
630	ELEC-3.4.43	1 No	Supply of 250W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.43)	359.1
631	ELEC-3.4.44	1 No	Supply of 250W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.44)	342
632	ELEC-3.4.45	1 No	Supply of 400W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram. (SOR-2014-15-ELEC-3.4.45)	547.2
633	ELEC-3.4.46	1 No	Supply of 400W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite. (SOR-2014-15-ELEC-3.4.46)	530.1
634	ELEC-3.4.47	1 No	Supply of 400W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.4.47)	513
			NATURE SWITCHES	
635	ELEC-3.5.1	1 No	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 3 KW of single phase load. (SOR-2014-15-ELEC-3.5.1)	9056.85
636	ELEC-3.5.2	1 No	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of single phase load. (SOR-2014-15-ELEC-3.5.2)	9502.35

1	2	3	4	5	
637	ELEC-3.5.3	1	No	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of single phase load. (SOR-2014-15-ELEC-3.5.3)	10840.5
638	ELEC-3.5.4	1	No	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of Three phase load. (SOR-2014-15-ELEC-3.5.4)	10840.5
639	ELEC-3.5.5	1	No	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of Three phase load. (SOR-2014-15-ELEC-3.5.5)	11732.325
640	ELEC-3.5.6	1	No	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 12 KW of Three phase load. (SOR-2014-15-ELEC-3.5.6)	14871.45
				INTERNAL LUMINAIRES	
641	ELEC-3.6.1	1	No	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.1)	559.35
642	ELEC-3.6.2	1	No	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.2)	476.85
643	ELEC-3.6.3	1	No	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells / HPL. (SOR-2014-15-ELEC-3.6.3)	494.175
644	ELEC-3.6.4	1	No	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.4)	670.725
645	ELEC-3.6.5	1	No	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.5)	631.95
646	ELEC-3.6.6	1	No	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.6)	1008.15
647	ELEC-3.6.7	1	No	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.7)	967.725
648	ELEC-3.6.8	1	No	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells / HPL. (SOR-2014-15-ELEC-3.6.8)	225.225

1	2	3	4	5	
649	ELEC-3.6.9	1	No	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Elton / RK / Million / Gold Medal / Vimal / Akhil. (SOR-2014-15-ELEC-3.6.9)	190.575
650	ELEC-3.6.10	1	No	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton. (SOR-2014-15-ELEC-3.6.10)	2139.6375
651	ELEC-3.6.11	1	No	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Bajaj / Surya / HPL / Havells. (SOR-2014-15-ELEC-3.6.11)	1954.59
652	ELEC-3.6.12	1	No	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.12)	3479.85
653	ELEC-3.6.13	1	No	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Surya / Havells / HPL / Pierlite. (SOR-2014-15-ELEC-3.6.13)	2761.275
654	ELEC-3.6.14	1	No	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.14)	3092.925
655	ELEC-3.6.15	1	No	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Surya / Havells / Trinic / HPL / Pierlite. (SOR-2014-15-ELEC-3.6.15)	2393.325
656	ELEC-3.6.16	1	No	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium / Matt finished reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.16)	740.85
657	ELEC-3.6.17	1	No	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium / Matt finished reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.17)	625.35

1	2	3		4	5
658	ELEC-3.6.18	1	No	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium / Matt finished reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.18)	880.275
659	ELEC-3.6.19	1	No	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium / Matt finished reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.19)	834.075
660	ELEC-3.6.20	1	No	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.20)	947.1
661	ELEC-3.6.21	1	No	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.21)	852.225
662	ELEC-3.6.22	1	No	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.22)	1214.4
663	ELEC-3.6.23	1	No	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.23)	1111.275
664	ELEC-3.6.24	1	No	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.24)	611.325
665	ELEC-3.6.25	1	No	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer of make Pierlite / Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.25)	550.275
666	ELEC-3.6.26	1	No	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.26)	806.85
667	ELEC-3.6.27	1	No	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Surya / Havells. (SOR-2014-15-ELEC-3.6.27)	724.35
668	ELEC-3.6.28	1	No	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.28)	115.5
669	ELEC-3.6.29	1	No	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.29)	103.95

1	2	3	4	5
670	ELEC-3.6.30	1 No	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Elton / RK / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.6.30)	90.75
671	ELEC-3.6.31	1 No	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.31)	115.5
672	ELEC-3.6.32	1 No	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.32)	99
673	ELEC-3.6.33	1 No	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Elton / RK / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.6.33)	90.75
674	ELEC-3.6.34	1 No	Supply of 20W Copper Wound Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.34)	148.5
675	ELEC-3.6.35	1 No	Supply of 20W Copper Wound Ballast of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.35)	132
676	ELEC-3.6.36	1 No	Supply of 20W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal. (SOR-2014-15-ELEC-3.6.36)	120.45
677	ELEC-3.6.37	1 No	Supply of 40W Copper Wound Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.37)	148.5
678	ELEC-3.6.38	1 No	Supply of 40W Copper Wound Ballast of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.38)	132
679	ELEC-3.6.39	1 No	Supply of 40W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal. (SOR-2014-15-ELEC-3.6.39)	119.625
680	ELEC-3.6.40	1 No	Supply of 18/20W VPIT Ballast Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.40)	148.5
681	ELEC-3.6.41	1 No	Supply of 18/20W VPIT Ballast Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.41)	132
682	ELEC-3.6.42	1 No	Supply of 18/20W VPIT Ballast Elton / RK / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.6.42)	119.625
683	ELEC-3.6.43	1 No	Supply of 36/40W VPIT Ballast Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.43)	173.25
684	ELEC-3.6.44	1 No	Supply of 36/40W VPIT Ballast Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.44)	148.5
685	ELEC-3.6.45	1 No	Supply of 36/40W VPIT Ballast Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal. (SOR-2014-15-ELEC-3.6.45)	140.25
686	ELEC-3.6.46	1 No	Supply of 40W Starter of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.46)	9.075
687	ELEC-3.6.47	1 No	Supply of 40W Starter of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.47)	7.425
688	ELEC-3.6.48	1 No	Supply of 40W Starter of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal. (SOR-2014-15-ELEC-3.6.48)	6.6

1	2	3	4	5	
689	ELEC-3.6.49	1	No	Supply of Rotor holder(FTL) of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.49)	17.325
690	ELEC-3.6.50	1	No	Supply of Rotor holder(FTL) of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.50)	15.675
691	ELEC-3.6.51	1	No	Supply of Rotor holder(FTL) of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal. (SOR-2014-15-ELEC-3.6.51)	14.025
692	ELEC-3.6.52	1	No	Supply of HID Lamp holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.52)	43.725
693	ELEC-3.6.53	1	No	Supply of HID Lamp holder of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.53)	39.6
694	ELEC-3.6.54	1	No	Supply of HID Lamp holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.6.54)	34.65
695	ELEC-3.6.55	1	No	Supply of CFL holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.55)	26.4
696	ELEC-3.6.56	1	No	Supply of CFL holder of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.6.56)	22.275
697	ELEC-3.6.57	1	No	Supply of CFL holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.6.57)	20.625
698	ELEC-3.6.58	1	No	Supply of FTL Starter holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.58)	12.375
699	ELEC-3.6.59	1	No	Supply of FTL Starter holder of makes Surya / Havells. (SOR-2014-15-ELEC-3.6.59)	10.725
700	ELEC-3.6.60	1	No	Supply of FTL Starter holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal. (SOR-2014-15-ELEC-3.6.60)	9.9
701	ELEC-3.6.61	1	No	Supply of 36W Electronic Ballast with total harmonic distortion is less than 10% for FTL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.6.61)	571.725
702	ELEC-3.6.62	1	No	Supply of 36W Electronic Ballast with total harmonic distortion is less than 10% for FTL of makes Surya / HPL / Havells. (SOR-2014-15-ELEC-3.6.62)	506.55
703	ELEC-3.6.63			Supply of 36W Electronic ballast with power factor greater than 0.9 to 0.95 suitable for FTL. Make : Crompton Model No.EBN 136D / Bajaj Model No.BJHF 136 / Havells LHBF 27904025 or its equivalent. (SOR-2014-15-ELEC-3.6.63)	226.875
704	ELEC-3.6.64			Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with Reflector and Electronic ballast and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells. (SOR-2014-15-ELEC-3.6.64)	1332.375

1	2	3		4	5
705	ELEC-3.6.65			Supply of 4 x 14W TL 5 high efficiency recessed luminaire, epoxy powder coated CRCA sheet steel housing, low glare with electronic ballast including cost of lamps etc., complete. Makes: Phillips Model No.sereno-TBS 869 / Bajaj Model No.BTMRA 414 CAT II / Crompton Model No.CRTL414EB/S. (SOR-2014-15-ELEC-3.6.65)	3942.675
706	ELEC-3.6.66	1	No	Supply of 1 x 28W surface pendent mounting T5 Luminaire Box type with CRCA housing with Electronic Ballast and all standard accessories of makes Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.6.66)	783.75
707	ELEC-3.6.67	1	No	Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded aluminium luminaire with Electronic Ballast and all standard accessories of makes Phillips / Crompton / Bajaj / Surya / Havells. (SOR-2014-15-ELEC-3.6.67)	501.6
				FLOURSCENT / CFL LAMPS	
708	ELEC-3.7.1	1	No	Supply of 40W-60W Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj / Surya. (SOR-2014-15-ELEC-3.7.1) (SOR-2014-15-ELEC-3.7.1)	9.9
709	ELEC-3.7.2	1	No	Supply of 40W-60W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.7.2)	8.25
710	ELEC-3.7.3	1	No	Supply of Night Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.3)	9.075
711	ELEC-3.7.4	1	No	Supply of 18/20W fluorescent tube of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.4)	33.825
712	ELEC-3.7.5	1	No	Supply of 18/20W fluorescent Lamp of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.7.5)	32.175
713	ELEC-3.7.6	1	No	Supply of 18/20W fluorescent Lamp of makes Elton / Style tube / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.7.6)	31.35
714	ELEC-3.7.7	1	No	Supply of 36/40W fluorescent Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.7)	37.125
715	ELEC-3.7.8	1	No	Supply of 36/40W fluorescent Lamp of makes Surya / Havells / HPL / Fortune Art. (SOR-2014-15-ELEC-3.7.8)	33
716	ELEC-3.7.9	1	No	Supply of 36/40W fluorescent Lamp of makes Elton / Style tube / Mahita Electro / Capart. (SOR-2014-15-ELEC-3.7.9)	31.35
717	ELEC-3.7.10	1	No	Supply of 28W T5 Lamp of makes Crompton / Bajaj / Phillips / Surya / Havells. (SOR-2014-15-ELEC-3.7.10)	99
718	ELEC-3.7.11	1	No	Supply of 9W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.11)	61.875
719	ELEC-3.7.12	1	No	Supply of 9W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.12)	57.75

1	2	3	4	5
720	ELEC-3.7.13	1 No	Supply of 11W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.13)	66
721	ELEC-3.7.14	1 No	Supply of 11W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.14)	61.875
722	ELEC-3.7.15	1 No	Supply of 13W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.15)	86.625
723	ELEC-3.7.16	1 No	Supply of 13W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.16)	82.5
724	ELEC-3.7.17	1 No	Supply of 18W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.17)	94.875
725	ELEC-3.7.18	1 No	Supply of 18W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.18)	90.75
726	ELEC-3.7.19	1 No	Supply of 26W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.19)	132
727	ELEC-3.7.20	1 No	Supply of 26W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.20)	123.75
728	ELEC-3.7.21	1 No	Supply of 36W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.21)	111.375
729	ELEC-3.7.22	1 No	Supply of 36W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.22)	107.25
730	ELEC-3.7.23	1 No	Supply of up to 5W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.23)	94.875
731	ELEC-3.7.24	1 No	Supply of up to 5W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.24)	90.75
732	ELEC-3.7.25	1 No	Supply of up to 8W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.25)	103.125
733	ELEC-3.7.26	1 No	Supply of up to 8W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.26)	99
734	ELEC-3.7.27	1 No	Supply of up to 10/11W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.27)	111.375
735	ELEC-3.7.28	1 No	Supply of up to 10/11W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.28)	107.25
736	ELEC-3.7.29	1 No	Supply of up to 13/14W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.29)	90.75
737	ELEC-3.7.30	1 No	Supply of up to 13/14W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.30)	82.5
738	ELEC-3.7.31	1 No	Supply of 15W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.31)	148.5

1	2	3	4	5
739	ELEC-3.7.32	1 No	Supply of 15W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.32)	123.75
740	ELEC-3.7.33	1 No	Supply of up to 18/20W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.33)	140.25
741	ELEC-3.7.34	1 No	Supply of up to 18/20W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.34)	123.75
742	ELEC-3.7.35	1 No	Supply of 23W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.35)	165
743	ELEC-3.7.36	1 No	Supply of 23/25W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.36)	148.5
744	ELEC-3.7.37	1 No	Supply of up to 25/26W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.37)	165
745	ELEC-3.7.38	1 No	Supply of up to 25/26W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.38)	148.5
746	ELEC-3.7.39	1 No	Supply of up to 9 W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.39)	82.5
747	ELEC-3.7.40	1 No	Supply of up to 9 W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.40)	66
748	ELEC-3.7.41	1 No	Supply of up to 11W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.41)	90.75
749	ELEC-3.7.42	1 No	Supply of up to 11W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.42)	66
750	ELEC-3.7.43	1 No	Supply of up to 13W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.43)	107.25
751	ELEC-3.7.44	1 No	Supply of up to 13W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.44)	94.875
752	ELEC-3.7.45	1 No	Supply of up to 18W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj. (SOR-2014-15-ELEC-3.7.45)	103.125
753	ELEC-3.7.46	1 No	Supply of up to 18W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix. (SOR-2014-15-ELEC-3.7.46)	90.75
754	ELEC-3.7.47	1 No	Supply of 0.5W LED Lamp with input voltage 90 to 300V, colour temperature 3000k - 6500k, Beam angle 170 - 200 degrees, B22 base, 210 lumens of makes: Phillips / Osram / GE / Crompton / VIN / Bajaj / Havells / Halonix.	66
755	ELEC-3.7.48	1 No	Supply of 3.0W LED Lamp with input voltage 90 to 300V, colour temperature 3000k - 6500k, Beam angle 170 - 200 degrees, B22 base, 210 lumens of makes: Phillips / Osram / GE / Crompton / VIN / Bajaj / Havells / Halonix.	288.75

1	2	3	4	5	
756	ELEC-3.7.49	1	No	Supply of 5.0W LED Lamp with input voltage 90 to 300V, colour temperature 3000k - 6500k, Beam angle 170 - 200 degrees, B22 base, 210 lumens of makes: Phillips / Osram / GE / Crompton / VIN / Bajaj / Havells / Halonix.	350.625
757	ELEC-3.7.50	1	No	Supply of 7.0W LED Lamp with input voltage 90 to 300V, colour temperature 3000k - 6500k, Beam angle 170 - 200 degrees, B22 base, 210 lumens of makes: Phillips / Osram / GE / Crompton / VIN / Bajaj / Havells / Halonix.	408.375
758	ELEC-3.7.51	1	No	Supply of LED candel lamp for shandliers of makes: Phillips / Osram / GE / Crompton / VIN / Bajaj / Havells / Halonix.	350.625
				ENERGY CONSERVING FIXTURES	
759	ELEC-3.8.1	1	No	Supply of 1 x 28W Patty type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Trinic or equivalent. (SOR-2014-15-ELEC-3.8.1)	950
760	ELEC-3.8.2	1	No	Supply of 1 x 28W Box type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Trinic or equivalent. (SOR-2014-15-ELEC-3.8.2)	1060
761	ELEC-3.8.3	1	No	Supply of Recessed mounted mirror optic luminaire with paralite louvers (P5) suitable for 2 x 36W CFL lamps. Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per the IS Specification with auto cut off at High Voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Trinic or equivalent. (SOR-2014-15-ELEC-3.8.3)	4100
762	ELEC-3.8.4	1	No	Supply of 28 W Electronic Ballast with less than 10% total harmonic distortion and auto cut off at High Voltage suitable for FTL with 5 years guarantee for luminaire. Makes: Trinic or equivalent. (SOR-2014-15-ELEC-3.8.4)	800
				LED LUMINAIRES INDOOR	

1	2	3		4	5
763	ELEC-3.9.1	1	No	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens / watt etc., complete with 3 Years Warranty. (SOR-2014-15-ELEC-3.9.1) a) LUMINAIRE MAKE : PHILLIPS / OSRAM / GE / CROMPTON / VIN / BAJAJ / HAVELLS. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	2040
764	ELEC-3.9.2	1	No	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens / watt etc., complete with 3 Years Warranty. (SOR-2014-15-ELEC-3.9.2) a) LUMINAIRE MAKE : HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / CAPART / SEMTRONICS / SYSKA. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1633
765	ELEC-3.9.3	1	No	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.3) a) LUMINAIRE MAKE : PHILLIPS / OSRAM / GE / CROMPTON / VIN / BAJAJ / HAVELLS. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	2762
766	ELEC-3.9.4	1	No	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.4) a) LUMINAIRE MAKE : HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / CAPART / SEMTRONICS / SYSKA. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	2186

1	2	3		4	5
767	ELEC-3.9.5	1	No	Supply and Transportation of 12W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.5) a) LUMINAIRE MAKE : PHILLIPS / OSRAM / GE / CROMPTON / VIN / BAJAJ / HAVELLS. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	3506
768	ELEC-3.9.6	1	No	Supply and Transportation of 12W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.6) a) LUMINAIRE MAKE : HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / SEMTRONICS / SYSKA. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	2880
769	ELEC-3.9.7	1	No	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.7) a) LUMINAIRE MAKE : PHILLIPS / OSRAM / GE / CROMPTON / VIN / BAJAJ / HAVELLS. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	4537
770	ELEC-3.9.8	1	No	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.8) a) LUMINAIRE MAKE : HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / SEMTRONICS / SYSKA. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	3280
771	ELEC-3.9.9	1	No	Supply and transportation of 18W, 1600 lumens, 1200mm length LED retrofit tube light, input voltage AC 220 - 260 Volts with >0.9 PF with inbuilt driver and frosted cover etc complete with 3 Years Warranty.Makes: Phillips / GE / Crompton / VIN / Bajaj. (SOR-2014-15-ELEC-3.9.9)	1935

1	2	3	4	5	
772	ELEC-3.9.10	1	No	Supply and transportation of 18W 1200mm length, 1600 lumens, LED retrofit tube light, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc complete with 3 Years Warranty.Makes: HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / SEMTRONICS / SYSKA. (SOR-2014-15-ELEC-3.9.10)	1572
773	ELEC-3.9.11	1	No	Supply and transportation of 18W, 1700 lumens, 1200mm length, T5 LED tube light fitting, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc complete with 3 Years Warranty.Makes: Phillips / GE / Crompton / VIN / Bajaj. (SOR-2014-15-ELEC-3.9.11)	2070
774	ELEC-3.9.12	1	No	Supply and transportation of 18W, 1700 lumens, 1200mm length, T5 LED tube light fitting, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc complete with 3 Years Warranty.Makes: HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / SEMTRONICS / SYSKA. (SOR-2014-15-ELEC-3.9.12)	1600
775	ELEC-3.9.13	1	No	Supply and Transportation of 36W Recessed / Surface slim LED panel of 600mm x 600mm made of aluminium body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.13) a) LUMINAIRE MAKE : PHILLIPS / OSRAM / GE / CROMPTON / VIN / BAJAJ / HAVELLS. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	7680
776	ELEC-3.9.14	1	No	Supply and Transportation of 36W Recessed / Surface slim LED panel of 600mm x 600mm made of aluminium body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.14) a) LUMINAIRE MAKE : HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / SEMTRONICS / SYSKA. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	6825

1	2	3	4	5	
777	ELEC-3.9.15	1	No	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of extruded aluminium body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.15) a) LUMINAIRE MAKE : PHILLIPS / OSRAM / GE / CROMPTON / VIN / BAJAJ / HAVELLS. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	7875
778	ELEC-3.9.16	1	No	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of extruded aluminium body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete with 3 Years Warranty.(SOR-2014-15-ELEC-3.9.16) a) LUMINAIRE MAKE : HALONIX / SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / SEMTRONICS / SYSKA. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	6510
779	ELEC-3.9.17	1	No	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of pressure diecast aluminium housing body with extended heat sink and moulded diffuser, high efficiency and low power loss driver, Power factor > 0.9 high power LEDs having efficacy of > 100 lumens/watt, rated life of 50000 hours etc complete GE make Mapple series or its equivalent. (SOR-2014-15-ELEC-3.9.17) a) LUMINAIRE MAKE : PHILLIPS / GE / CROMPTON / VIN / BAJAJ / HAVELLS. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	9280
780	ELEC-3.9.18	1	No	Supply and transportation of 6W to 9W LED Drivers. (SOR-2014-15-ELEC-3.9.18)	500
781	ELEC-3.9.19	1	No	Supply and transportation of 12W to 18W LED Drivers. (SOR-2014-15-ELEC-3.9.19)	750
				LED TYPE STREET LIGHTS	

1	2	3	4	5
			Supply and transportation of LED Street light Luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 120 lumines/watt and junction temperature < 85 degree centegrade of IP 65 with optics, total harmonic distortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete with 5 years warranty. a) LUMINAIRE MAKE : PHILIPS / OSRAM / GE / VIN / CROMPTON / BAJAJ. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	
782	ELEC-3.9.20	1 No	20W (SOR-2014-15-ELEC-3.9.20)	7450.529
783	ELEC-3.9.21	1 No	30W (SOR-2014-15-ELEC-3.9.21)	11344.605
784	ELEC-3.9.22	1 No	60W (SOR-2014-15-ELEC-3.9.22)	15740
785	ELEC-3.9.23	1 No	90W (SOR-2014-15-ELEC-3.9.23)	20658.75
786	ELEC-3.9.24	1 No	120W (SOR-2014-15-ELEC-3.9.24)	29364.544
787	ELEC-3.9.25	1 No	180W (SOR-2014-15-ELEC-3.9.25)	38563
788	ELEC-3.9.26	1 No	210W (SOR-2014-15-ELEC-3.9.26)	43285
789	ELEC-3.9.27	1 No	240W (SOR-2014-15-ELEC-3.9.27)	48007
790	ELEC-3.9.28	1 No	270W (SOR-2014-15-ELEC-3.9.28)	52729
		1 No	Supply and transportation of LED Street light Luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 120 lumines/watt and junction temperature < 85 degree centegrade of IP 65 with optics, total harmonic distortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete with 5 years warranty. a) LUMINAIRE MAKE : SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / CAPART / SEMTRONICS / SYSKA. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	
791	ELEC-3.9.29	1 No	20W (SOR-2014-15-ELEC-3.9.29)	5665.613
792	ELEC-3.9.30	1 No	30W (SOR-2014-15-ELEC-3.9.30)	7437.15
793	ELEC-3.9.31	1 No	60W (SOR-2014-15-ELEC-3.9.31)	10742.55
794	ELEC-3.9.32	1 No	90W (SOR-2014-15-ELEC-3.9.32)	17077.9
	3.10		INDUCTION LUMINARIES	
			Supply and Transportation of Induction Type street light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection including Induction lamp and ballast etc., Complete with 5 years warranty. Make: Crompton / Bajaj / Surya.	
795	ELEC-3.10.1	1 No	40W	13782.731
796	ELEC-3.10.2	1 No	80W	15544.824
797	ELEC-3.10.3	1 No	120W	17616.995
798	ELEC-3.10.4	1 No	150W	19173.681
799	ELEC-3.10.5	1 No	200W	22626.25

1	2	3	4	5
			Supply and Transportation of Induction Type street light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection including Induction lamp and ballast etc., Complete with 5 years warranty. Make: LVD RAES / Billion Light / Fortune Art / Synergy Solutions.	0
800	ELEC-3.10.6	1 No	40W	11984.436
801	ELEC-3.10.7	1 No	80W	13516.725
802	ELEC-3.10.8	1 No	120W	15318.955
803	ELEC-3.10.9	1 No	150W	16672.595
804	ELEC-3.10.10	1 No	200W	19675
			Supply and Transportation of Induction Type Flood light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection of including Induction lamp and ballast etc., Complete with 5 years warranty. Make: Crompton / Bajaj / Surya.	
805	ELEC-3.10.11	1 No	40W	14788.517
806	ELEC-3.10.12	1 No	80W	16562.415
807	ELEC-3.10.13	1 No	120W	18644.03
808	ELEC-3.10.14	1 No	150W	20182.615
809	ELEC-3.10.15	1 No	200W	21721.2
810	ELEC-3.10.16	1 No	2 x 200W	41451.29
			Supply and Transportation of Induction Type Flood light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection of including Induction lamp and ballast etc., Complete with 5 years warranty. Make: LVD RAES / Billion Light / Fortune Art / Synergy Solutions.	
811	ELEC-3.10.17	1 No	40W	12859.58
812	ELEC-3.10.18	1 No	80W	14402.1
813	ELEC-3.10.19	1 No	120W	16212.2
814	ELEC-3.10.20	1 No	150W	17550.1
815	ELEC-3.10.21	1 No	200W	18888
816	ELEC-3.10.22	1 No	2 x 200W	36044.6
			Supply and Transportation of Induction Type suspended type decorative high bay luminaire with polycarbonate refractor, decorative integral die cast alluminium housing with heat shrinks including Induction lamp and ballast etc., Complete with 5 years warranty. Make: Crompton / Bajaj / Surya.	
817	ELEC-3.10.23	1 No	80W	14028.275
818	ELEC-3.10.24	1 No	120W	15838.375
819	ELEC-3.10.25	1 No	150W	17648.475
			Supply and Transportation of Induction Type suspended type decorative high bay luminaire with polycarbonate refractor, decorative integral die cast alluminium housing with heat shrinks including Induction lamp and ballast etc., Complete with 5 years warranty. Make: LVD RAES / Billion Light / Fortune Art / Synergy Solutions.	
820	ELEC-3.10.26	1 No	80W	12198.5
821	ELEC-3.10.27	1 No	120W	13772.5
822	ELEC-3.10.28	1 No	150W	15346.5
			SECTION - 4	

1	2	3	4	5	
			U.G. CABLES		
823	ELEC-4.1.1	1	Mtr	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.1) (SOR-2014-15-ELEC-4.1.1)	75.9
824	ELEC-4.1.2	1	Mtr	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.2)	64.35
825	ELEC-4.1.3	1	Mtr	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.3)	61.05
826	ELEC-4.1.4	1	Mtr	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.4)	89.1
827	ELEC-4.1.5	1	Mtr	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.5)	76.725
828	ELEC-4.1.6	1	Mtr	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.6)	71.775
829	ELEC-4.1.7	1	Mtr	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.7)	106.425
830	ELEC-4.1.8	1	Mtr	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.8)	92.4
831	ELEC-4.1.9	1	Mtr	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.9)	85.8
832	ELEC-4.1.10	1	Mtr	Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.10)	107.25

1	2	3	4	5
833	ELEC-4.1.11	1	Mtr Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.11)	92.4
834	ELEC-4.1.12	1	Mtr Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.12)	85.8
835	ELEC-4.1.13	1	Mtr Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.13)	121.275
836	ELEC-4.1.14	1	Mtr Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.14)	105.6
837	ELEC-4.1.15	1	Mtr Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.15)	97.35
838	ELEC-4.1.16	1	Mtr Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.16)	133.65
839	ELEC-4.1.17	1	Mtr Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.17)	115.5
840	ELEC-4.1.18	1	Mtr Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.18)	108.075
841	ELEC-4.1.19	1	Mtr Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.19)	170.775
842	ELEC-4.1.20	1	Mtr Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.20)	148.5

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843	ELEC-4.1.21	1	Mtr Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.21)	136.95
844	ELEC-4.1.22	1	Mtr Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.22)	203.775
845	ELEC-4.1.23	1	Mtr Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.23)	174.9
846	ELEC-4.1.24	1	Mtr Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.24)	162.525
847	ELEC-4.1.25	1	Mtr Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.25)	268.95
848	ELEC-4.1.26	1	Mtr Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.26)	231
849	ELEC-4.1.27	1	Mtr Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.27)	215.325
850	ELEC-4.1.28	1	Mtr Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.28)	347.325
851	ELEC-4.1.29	1	Mtr Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.29)	299.475
852	ELEC-4.1.30	1	Mtr Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.30)	278.025
853	ELEC-4.1.31	1	Mtr Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.31)	451.275

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854	ELEC-4.1.32	1 Mtr	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.32)	389.4
855	ELEC-4.1.33	1 Mtr	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.33)	362.175
856	ELEC-4.1.34	1 Mtr	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.34)	551.925
857	ELEC-4.1.35	1 Mtr	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.35)	477.675
858	ELEC-4.1.36	1 Mtr	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab. (SOR-2014-15-ELEC-4.1.36)	443.025
859	ELEC-4.1.37	1 Mtr	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.37)	628.65
860	ELEC-4.1.38	1 Mtr	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab. (SOR-2014-15-ELEC-4.1.38)	542.85
861	ELEC-4.1.39	1 Mtr	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal. (SOR-2014-15-ELEC-4.1.39)	505.725
862	ELEC-4.1.40	1 Mtr	Supply of 185 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.40)	770.55
863	ELEC-4.1.41	1 Mtr	Supply of 185 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster. (SOR-2014-15-ELEC-4.1.41)	664.95
864	ELEC-4.1.42	1 Mtr	Supply of 240 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.42)	977.625

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865	ELEC-4.1.43	1	Mtr	Supply of 240 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster. (SOR-2014-15-ELEC-4.1.43)	843.975
866	ELEC-4.1.44	1	Mtr	Supply of 300 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.44)	1195.425
867	ELEC-4.1.45	1	Mtr	Supply of 300 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster. (SOR-2014-15-ELEC-4.1.45)	1032.075
868	ELEC-4.1.46	1	Mtr	Supply of 400 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.46)	1497.375
869	ELEC-4.1.47	1	Mtr	Supply of 400 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster. (SOR-2014-15-ELEC-4.1.47)	1293.6
				11 KV H.T. XLPE CABLES	0
870	ELEC-4.1.48	1	No	Supply of 3 Core 11 KV 35 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.48)	497.475
871	ELEC-4.1.49	1	No	Supply of 3 Core 11 KV 50 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.49)	563.475
872	ELEC-4.1.50	1	No	Supply of 3 Core 11 KV 70 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.50)	673.2
873	ELEC-4.1.51	1	No	Supply of 3 Core 11 KV 95 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.51)	801.9
874	ELEC-4.1.52	1	No	Supply of 3 Core 11 KV 120 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.52)	910.8
875	ELEC-4.1.53	1	No	Supply of 3 Core 11 KV 150 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.53)	1029.6

1	2	3	4	5	
876	ELEC-4.1.54	1	No	Supply of 3 Core 11 KV 185 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab. (SOR-2014-15-ELEC-4.1.54)	1216.875
	4.2			CABLE GLANDS	
877	ELEC-4.2.1	1	No	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 185Sqmm with brass washers complete. (SOR-2014-15-ELEC-4.2.1)	279.585
878	ELEC-4.2.2	1	No	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 240Sqmm with brass washers complete. (SOR-2014-15-ELEC-4.2.2)	419.805
879	ELEC-4.2.3	1	No	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 300Sqmm with brass washers complete. (SOR-2014-15-ELEC-4.2.3)	494.19
880	ELEC-4.2.4	1	No	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 400Sqmm with brass washers complete. (SOR-2014-15-ELEC-4.2.4)	559.17
881	ELEC-4.2.5	1	No	Supply and Fixing of single compression brass cable glands for 4 core XLPE armoured cable up to 16.0 Sq.mm with brass washers complete. (SOR-2014-15-ELEC-4.2.5)	80.37
882	ELEC-4.2.6	1	No	Supply and Fixing of single compression brass cable glands for 3.5 core XLPE armoured cable from 25 Sqmm to 50.0 Sq.mm with brass washers complete. (SOR-2014-15-ELEC-4.2.6)	117.99
883	ELEC-4.2.7	1	No	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable from 70 Sqmm to 150.0 Sq.mm with brass washers complete. (SOR-2014-15-ELEC-4.2.7)	225.72
				LUGS	
884	ELEC-4.3.1	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.1)	18.81
885	ELEC-4.3.2	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.2)	25.65
886	ELEC-4.3.3	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.3)	28.215
887	ELEC-4.3.4	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.4)	34.2
888	ELEC-4.3.5	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.5)	47.025

1	2	3	4	5	
889	ELEC-4.3.6	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.6)	55.575
890	ELEC-4.3.7	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.7)	75.24
891	ELEC-4.3.8	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.8)	88.92
892	ELEC-4.3.9	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.9)	127.395
893	ELEC-4.3.10	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.10)	183.825
894	ELEC-4.3.11	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 300 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.11)	242.82
895	ELEC-4.3.12	1	No	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.12)	357.39
896	ELEC-4.3.13	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.13)	10.26
897	ELEC-4.3.14	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.14)	11.97
898	ELEC-4.3.15	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.15)	14.535
899	ELEC-4.3.16	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.16)	17.1
900	ELEC-4.3.17	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.17)	21.375
901	ELEC-4.3.18	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.18)	23.085
902	ELEC-4.3.19	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.19)	29.925

1	2	3	4	5	
903	ELEC-4.3.20	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.20)	34.2
904	ELEC-4.3.21	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.21)	39.33
905	ELEC-4.3.22	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.22)	60.705
906	ELEC-4.3.23	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 300 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.23)	78.66
907	ELEC-4.3.24	1	No	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections. (SOR-2014-15-ELEC-4.3.24)	101.745
				CABLE JOINTS	
				HEAT SHRINKABLE LT CABLE JOINTS	
908	ELEC-4.4.1	1	No	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 10 to 16 Sqmm. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.1)	1111.5
909	ELEC-4.4.2	1	No	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 25 to 50 Sqmm. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.2)	1320.975
910	ELEC-4.4.3	1	No	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 70 to 185 Sqmm. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.3)	1906.65
911	ELEC-4.4.4	1	No	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 240 to 300 Sqmm. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.4)	3420
912	ELEC-4.4.5	1	No	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 400 Sqmm. Makes: Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.5)	4638.375

1	2	3	4	5	
			3 CORE 11 KV HT CABLE STRAIGHT THROUGH JOINTS		
913	ELEC-4.4.6	1	No	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 16 to 35Sqmm.Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.6)	12884.85
914	ELEC-4.4.7	1	No	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 50 to 95Sqmm.Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.7)	15471.225
915	ELEC-4.4.8	1	No	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 120 to 185Sqmm.Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.8)	19680.39
				HT END TERMINATION KITS	
916	ELEC-4.4.9	1	No	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.9)	7020.405
917	ELEC-4.4.10	1	No	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.10)	7114.455
918	ELEC-4.4.11	1	No	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.11)	7630.875
919	ELEC-4.4.12	1	No	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.12)	10646.46
920	ELEC-4.4.13	1	No	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.13)	10740.51

1	2	3	4	5	
921	ELEC-4.4.14	1	No	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete. Makes Raychem / M Seal / Denson / Multy. (SOR-2014-15-ELEC-4.4.14)	11756.25
			DOUBLE WALLED CORRUGATED HDPE PIPE		
922	ELEC-4.5.1	1	Mtr	Supply and Transportation of Outer dia 50mm and Inner dia 38mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.1)	80.025
923	ELEC-4.5.2	1	Mtr	Supply and Transportation of Outer dia 63mm and Inner dia 51mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.2)	102.3
924	ELEC-4.5.3	1	Mtr	Supply and Transportation of Outer dia 78mm and Inner dia 63mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.3)	125.4
925	ELEC-4.5.4	1	Mtr	Supply and Transportation of Outer dia 90mm and Inner dia 76mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.4)	134.475
926	ELEC-4.5.5	1	Mtr	Supply and Transportation of Outer dia 120mm and Inner dia 103.50mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.5)	209.55
927	ELEC-4.5.6	1	Mtr	Supply and Transportation of Outer dia 160mm and Inner dia 136mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.6)	310.2
928	ELEC-4.5.7	1	Mtr	Supply and Transportation of Outer dia 180mm and Inner dia 152mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.7)	407.55
929	ELEC-4.5.8	1	Mtr	Supply and Transportation of Outer dia 200mm and Inner dia 170mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make. (SOR-2014-15-ELEC-4.5.8)	475.2
			CABLE TRAYS		

1	2	3	4	5
930	ELEC-4.6.1	1	Mtr Supply and Installation of 600mm x 75mm x 2mm thick hot dip GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.1)	1111.5
931	ELEC-4.6.2	1	Mtr Supply and Installation of 600mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.2)	820.8
932	ELEC-4.6.3	1	Mtr Supply and Installation of 450mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.3)	722.475
933	ELEC-4.6.4	1	Mtr Supply and Installation of 300mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.4)	619.875
934	ELEC-4.6.5	1	Mtr Supply and Installation of 150mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.5)	342
935	ELEC-4.6.6	1	Mtr Supply and Installation of 150mm x 50mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.6)	171
936	ELEC-4.6.7	1	Mtr Supply and Installation of 300mm x 50mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.7)	256.5
937	ELEC-4.6.8	1	Mtr Supply and Installation of 600mm x 75mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. (SOR-2014-15-ELEC-4.6.8)	470.25
			Note: Perforated cable trays provided without cover 30% may be deducted from above rates.	
			SECTION - 5	
			FANS	

1	2	3	4	5	
938	ELEC-5.1.1	1	No	Supply of 48" (1200mm) Sweep ISI mark Ceiling Fan as per IS 374 - 1979 and, with double ball bearings but without Regulator of makes Crompton / Bajaj Kassels 50 / Usha atom. (SOR-2014-15-ELEC-5.1.1)	1368
939	ELEC-5.1.2	1	No	Supply of 48" (1200mm) Sweep ISI mark as per IS 374 - 1979 and 5 Star rated Ceiling Fan, with double ball bearings but without Regulator of makes Crompton High Speed Plus / Bajaj Electra 50 / Orient Energy Star / Havells ES 50. (SOR-2014-15-ELEC-5.1.2)	1560.375
940	ELEC-5.1.3	1	No	Supply of 48" (1200mm) Sweep 5 Star rated Ceiling Fan without Regulator of makes Crompton High Speed Decora / Bajaj Regal star / Havells Fusion 50 / Orient Summer Crown / Usha technix decorative. (SOR-2014-15-ELEC-5.1.3)	1727.1
941	ELEC-5.1.4	1	No	Supply of 56" (1400mm) Sweep ISI mark Ceiling Fan as per IS 374 - 1979 and, with double ball bearings but without Regulator of makes Crompton / Bajaj Kassels 50 / Usha atom. (SOR-2014-15-ELEC-5.1.4)	1432.125
942	ELEC-5.1.5	1	No	Supply of 56" (1400mm) Sweep 4/5 Star rated Ceiling Fan without Regulator of makes Crompton / Bajaj Elegance Star / Usha / Havells. (SOR-2014-15-ELEC-5.1.5)	1846.8
943	ELEC-5.1.6	1	No	Supply of 16" (400mm) Wall mounted Fan of makes Crompton SDX Gold / Bajaj Elite / Havells Swing Premia gold / Usha / Orient Wall 43. (SOR-2014-15-ELEC-5.1.6)	2010.96
944	ELEC-5.1.7	1	No	Supply of 16" (400mm) Pedestal Fan of makes Crompton SDX Gold / Bajaj Spectrum / Havells Swing Remote / Usha / Orient. (SOR-2014-15-ELEC-5.1.7)	2320.47
945	ELEC-5.1.8	1	No	Supply of 18" (450mm) Wall mounting / Pedestal Air Circulators of makes Crompton / Havells Turbo Force / Orient / Almounard. (SOR-2014-15-ELEC-5.1.8)	5130
946	ELEC-5.1.9	1	No	Supply of 24" (600mm) Wall mounting / Pedestal Air Circulators of makes Crompton / Havells Turbo Force / Almounard. (SOR-2014-15-ELEC-5.1.9)	5643
947	ELEC-5.1.10	1	No	Supply of 12" (300mm) Cabin fan of makes Crompton / Havells ciera / Orient AP12. (SOR-2014-15-ELEC-5.1.10)	1325.25
948	ELEC-5.1.11	1	No	Supply of 12" (300mm) Light duty exhaust fan with wire guard etc complete of makes Crompton / Bajaj Bahar WG / Havells Ventil Air-DB / Orient hill air. (SOR-2014-15-ELEC-5.1.11)	1154.25
949	ELEC-5.1.12	1	No	Supply of 9" (225mm), Light duty exhaust fan with double ball bearing and wire guard etc complete of makes Crompton / Bajaj Bahar WG / Havells Ventil Air-DS / Orient hill air. (SOR-2014-15-ELEC-5.1.12)	1081.575
950	ELEC-5.1.13	1	No	Supply of 12" (300mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force. (SOR-2014-15-ELEC-5.1.13)	2261.475

1	2	3	4	5	
951	ELEC-5.1.14	1	No	Supply of 15" (375mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force. (SOR-2014-15-ELEC-5.1.14)	2753.1
952	ELEC-5.1.15	1	No	Supply of 18" (450mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force. (SOR-2014-15-ELEC-5.1.15)	3505.5
				WATER HEATERS	
953	ELEC-5.2.1	1	No	Supply, Transportation and fixing of storage / Pressure type Vertical / Horizontal 230/250V single phase 2000watts ISI mark 5 Star rated water heater with SS tank and ABS plastic body of 15 Ltrs capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on out let side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes:makes Crompton model No. solarium plus SWH 725, Class 1 rated or its equivalent make of Bajaj / Venus / Racold / Usha. (SOR-2014-15-ELEC-5.2.1)	7580.43
954	ELEC-5.2.2	1	No	Supply, Transportation and fixing of storage / Pressure type Vertical / Horizontal 230/250V single phase 2000watts ISI mark 5 Star rated water heater with SS tank and ABS plastic body of 25 Ltrs capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on out let side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes:makes Crompton model No. solarium plus SWH 725, Class 1 rated or its equivalent make of Bajaj / Venus / Racold / Usha. (SOR-2014-15-ELEC-5.2.2)	8924.49
			5.3	ACCESSORIES FOR WATER HEATERS	
955	ELEC-5.3.1	1	No	Heating element of 1.5 / 2.0 / 3.0 KW. (SOR-2014-15-ELEC-5.3.1)	325.755
956	ELEC-5.3.2	1	No	Supply of thermostat with range 300 to 900C.Adjustable and suitable for 25 to 50 Ltrs. Capacity. (SOR-2014-15-ELEC-5.3.2)	224.865
957	ELEC-5.3.3	1	No	Supply of pressure release valve for water heater of 15 to 50 Ltrs.capacity. (SOR-2014-15-ELEC-5.3.3)	224.865
958	ELEC-5.3.4	1	No	Flexible Nylon / PVC Metallic hose pipe. (SOR-2014-15-ELEC-5.3.4)	135.09
			5.4	ACCESSORIES FOR MOTORS	
959	ELEC-5.4.1	1	No	Supply & Fixing of D.O.L Starter 250V, Single phase, 50Hz. With SS enclouser comprising of contactor with bi-metalic relay with necessary push buttons, etc., complete. Makes: Siemens / Crompton / L&T. (SOR-2014-15-ELEC-5.4.1)	694.2

1	2	3	4	5	
960	ELEC-5.4.2	1	No	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil and overload protection with necessary materials, etc., complete suitable upto 7.5.HP. Makes: Siemens / Crompton / L&T. (SOR-2014-15-ELEC-5.4.2)	1290.5
961	ELEC-5.4.3	1	No	Motor Cover made with GI sheet of 18SWG for protection from rain complete. (SOR-2014-15-ELEC-5.4.3)	53.4
962	ELEC-5.4.4	1	No	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil, overload protection and single phase preventor , etc., complete suitable upto 10.0.HP. Makes: Siemens / Crompton / L&T. (SOR-2014-15-ELEC-5.4.4)	2216.1
				SINGLE PHASE SUBMERSIBLE MOTOR PUMP SETS	
963	ELEC-5.4.5	1	No	Supply and Transportation of 0.75HP 8 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.5)	13083
964	ELEC-5.4.6	1	No	Supply and Transportation of 0.75HP 8 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.6)	12460
965	ELEC-5.4.7	1	No	Supply and Transportation of 1.00HP 10 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.7)	14952
966	ELEC-5.4.8	1	No	Supply and Transportation of 1.00HP 10 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.8)	14240
967	ELEC-5.4.9	1	No	Supply and Transportation of 1.00HP 15 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.9)	15419.25
968	ELEC-5.4.10	1	No	Supply and Transportation of 1.00HP 15 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.10)	14685
969	ELEC-5.4.11	1	No	Supply and Transportation of 1.50HP 21 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.11)	18690
970	ELEC-5.4.12	1	No	Supply and Transportation of 1.50HP 21 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.12)	17800

1	2	3	4	5	
971	ELEC-5.4.13	1	No	Supply and Transportation of 2.00HP 25 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.13)	22428
972	ELEC-5.4.14	1	No	Supply and Transportation of 2.00HP 25 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.14)	21360
				THREE PHASE SUBMERSIBLE MOTOR PUMP SETS.	
973	ELEC-5.4.15	1	No	Supply and Transportation of 3.00HP 20-23 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.15)	21026.25
974	ELEC-5.4.16	1	No	Supply and Transportation of 3.00HP 20-23 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.16)	20025
975	ELEC-5.4.17	1	No	Supply and Transportation of 3.00HP 30- 33 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.17)	25231.5
976	ELEC-5.4.18	1	No	Supply and Transportation of 3.00HP 30- 33 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.18)	24030
977	ELEC-5.4.19	1	No	Supply and Transportation of 5.00HP 30 - 35 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.19)	27567.75
978	ELEC-5.4.20	1	No	Supply and Transportation of 5.00HP 30 - 35 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.20)	26255
979	ELEC-5.4.21	1	No	Supply and Transportation of 5.00HP 40 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.21)	30371.25
980	ELEC-5.4.22	1	No	Supply and Transportation of 5.00HP 40 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.22)	28925
981	ELEC-5.4.23	1	No	Supply and Transportation of 5.00HP 50 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.23)	33642

1	2	3	4	5	
982	ELEC-5.4.24	1	No	Supply and Transportation of 5.00HP 50 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.24)	32040
				SINGLE PHASE OPEN WELL SUBMERSIBLE MOTOR PUMP SETS.	
983	ELEC-5.4.25	1	No	Supply and Transportation of 1.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.25)	10279.5
984	ELEC-5.4.26	1	No	Supply and Transportation of 1.00HP Single phase open well ISI submersible motor pumpset. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.26)	9790
985	ELEC-5.4.27	1	No	Supply and Transportation of 1.50HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.27)	11681.25
986	ELEC-5.4.28	1	No	Supply and Transportation of 1.50HP Single phase open well ISI submersible motor pumpset. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.28)	11125
987	ELEC-5.4.29	1	No	Supply and Transportation of 3.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.29)	15886.5
988	ELEC-5.4.30	1	No	Supply and Transportation of 3.00HP Single phase open well ISI submersible motor pumpset. Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.30)	15130
				THREE PHASE OPEN WELL SUBMERSIBLE PUMP SETS.	
989	ELEC-5.4.31	1	No	Supply and Transportation of 3.00HP Three phase open well ISI submersible motor pumpset.(65x50) Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.31)	15886.5
990	ELEC-5.4.32	1	No	Supply and Transportation of 3.00HP Three phase open well ISI submersible motor pumpset.(65x50) Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.32)	15130
991	ELEC-5.4.33	1	No	Supply and Transportation of 5.00HP Three phase open well ISI submersible motor pumpset.(75x65) Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.33)	19624.5
992	ELEC-5.4.34	1	No	Supply and Transportation of 5.00HP Three phase open well ISI submersible motor pumpset.(75x65) Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.34)	18690
993	ELEC-5.4.35	1	No	Supply and Transportation of 7.50HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.35)	23362.5

1	2	3		4	5
994	ELEC-5.4.36	1	No	Supply and Transportation of 7.50HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.36)	22250
995	ELEC-5.4.37	1	No	Supply and Transportation of 10.00HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.37)	29904
996	ELEC-5.4.38	1	No	Supply and Transportation of 10.00HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.38)	28480
				SINGLE PHASE MONO BLOCK MOTOR PUMP SETS.	
997	ELEC-5.4.39	1	No	Supply and Transportation of 0.5HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.39)	4579.05
998	ELEC-5.4.40	1	No	Supply and Transportation of 0.5HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.40)	4361
999	ELEC-5.4.41	1	No	Supply and Transportation of 1.0HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.41)	6634.95
1000	ELEC-5.4.42	1	No	Supply and Transportation of 1.0HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.42)	6319
1001	ELEC-5.4.43	1	No	Supply and Transportation of 1.5HP Single phase ISI Mono block CI body motor pumpset (32x25mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.43)	8877.75
1002	ELEC-5.4.44	1	No	Supply and Transportation of 1.5HP Single phase ISI Mono block CI body motor pumpset (32x25mm). Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.44)	8455
1003	ELEC-5.4.45	1	No	Supply and Transportation of 1.02HP Single phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.45)	11214
1004	ELEC-5.4.46	1	No	Supply and Transportation of 1.02HP Single phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.46)	10680

1	2	3	4	5	
1005	ELEC-5.4.47	1	No	Supply and Transportation of 2.00HP Three phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.47)	13083
1006	ELEC-5.4.48	1	No	Supply and Transportation of 2.00HP Three phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.48)	12460
1007	ELEC-5.4.49	1	No	Supply and Transportation of 3.00HP Three phase ISI self priming Mono block IP44 motor pumpset (50x50mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.49)	17755.5
1008	ELEC-5.4.50	1	No	Supply and Transportation of 3.00HP Three phase ISI self priming Mono block IP44 motor pumpset (50x50mm). Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.50)	16910
1009	ELEC-5.4.51	1	No	Supply and Transportation of 5.00HP Three phase ISI self priming Mono block IP44 motor pumpset (80x80mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB. (SOR-2014-15-ELEC-5.4.51)	21493.5
1010	ELEC-5.4.52	1	No	Supply and Transportation of 5.00HP Three phase ISI self priming Mono block IP44 motor pumpset (80x80mm). Makes: Aryan Varsha / Flowell / Waterman. (SOR-2014-15-ELEC-5.4.52)	20470
				CONTROL PANEL BOARD FOR MOTORS	0
1011	ELEC-5.4.53	1		Supply and Transportation of control panel for single phase submersible motors up to 3 HP @ 220V 50Hz operating range between 80 to 240V including supply and fixing of Direct - on - Line LTLK / SIEMENS / CROMPTON make Volt meter and Ammeter with starting and running capacitors assembled with ISI mark contactors and fitted with Legrand make ISI mark MCB etc., complete. (SOR-2014-15-ELEC-5.4.53)	4104
				REPAIRS TO AIR CONDITIONERS	
1012	ELEC-5.5.1	1	No	Supply, Fabrication of 1set MS bracket suitable for fixing out door unit of split AC unit. (SOR-2014-15-ELEC-5.5.1)	855
1013	ELEC-5.5.2	1	Ft	Providing 2 runs of Copper tubes for suction and liquid between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. (SOR-2014-15-ELEC-5.5.2) 1. 3/4" x 3/8" 2. 5/8" x 1/4" 3. 1/2" x 1/4"	855
1014	ELEC-5.5.3	1	No	Supply of 1.0 / 1.5 Ton brand new Rotary type sealed compressor. (SOR-2014-15-ELEC-5.5.3)	6968.25
1015	ELEC-5.5.4	1	No	Supply of 2.0 Ton brand new Rotary type sealed compressor. (SOR-2014-15-ELEC-5.5.4)	7908.75
1016	ELEC-5.5.5	1	No	Multi speed Fan Motor suitable for 1.0 / 1.5 / 2.0 Ton Window A.C.Unit of makes Crompton / AU. (SOR-2014-15-ELEC-5.5.5)	1359.45

1	2	3	4	5	
1017	ELEC-5.5.6	1	No	Fan motor capacitor 6 mfd by new capacitor for A.C machine of 1.0 1.5 / Ton Capacity. (SOR-2014-15-ELEC-5.5.6)	133.38
1018	ELEC-5.5.7	1	No	Thermostat switch suitable for 1.0 / 1.5 / 2.0 Ton A.C.Unit. (SOR-2014-15-ELEC-5.5.7)	350.55
1019	ELEC-5.5.8	1	No	Starting capacitor of 80 to 120 mfd. by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C. Unit. (SOR-2014-15-ELEC-5.5.8)	153.9
1020	ELEC-5.5.9	1	No	Running capacitor of 36 mfd by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C.Unit. (SOR-2014-15-ELEC-5.5.9)	188.1
1021	ELEC-5.5.10	1	No	Relay by approved make having pickup voltage 220 Volts and dropout voltage 120 Volts suitable for 1.0 / 1.50 Ton A.C. Unit. (SOR-2014-15-ELEC-5.5.10)	192.375
1022	ELEC-5.5.11	1	No	Filter and capillary tube including welding etc., complete for 1.0 / 1.5 / 2.0 Ton A.C.Unit. (SOR-2014-15-ELEC-5.5.11)	414.675
1023	ELEC-5.5.12	1	No	Air filter suitable for 1.50 Ton Window A.C.Unit P.V.C. / NYLON. (SOR-2014-15-ELEC-5.5.12)	192.375
1024	ELEC-5.5.13	1	No	Air filter suitable for 1.50 Ton Split A.C.Unit P.V.C. / NYLON. (SOR-2014-15-ELEC-5.5.13)	406.125
1025	ELEC-5.5.14	1	No	Rewiring the entire Window type 1.50 Ton A.C.unit with 2.5 Sq.mm Flexible copper cable and putting the same in working conditions. (SOR-2014-15-ELEC-5.5.14)	277.875
1026	ELEC-5.5.15	1	No	Overhauling and servicing the Window type 1.0 / 1.5 Ton A.C. Machine by Cleaning the condensor cooling Coil etc., by blower and oiling the Fan Motor and Cleaning all parts and putting the machine in working condition. (SOR-2014-15-ELEC-5.5.15)	299.25
1027	ELEC-5.5.16	1	No	Fan blade for 1.0 / 1.5 Ton A.C.Machine. (SOR-2014-15-ELEC-5.5.16)	478.8
1028	ELEC-5.5.17	1	No	Grill of 1.0 / 1.5 ton A.C. Machine (for assembled Units). (SOR-2014-15-ELEC-5.5.17)	365.085
1029	ELEC-5.5.18	1	No	Grill of 1.0 / 1.5 ton A.C. Machine of branded units. (SOR-2014-15-ELEC-5.5.18)	1453.5
1030	ELEC-5.5.19	1	No	Rotary / Selector switch by new one. (SOR-2014-15-ELEC-5.5.19)	98.325
1031	ELEC-5.5.20	1	No	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.0/ 1.5 /2.0 Ton Window A.C.Unit. (SOR-2014-15-ELEC-5.5.20)	1282.5
1032	ELEC-5.5.21	1	No	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.5 /2.0 Ton Split A.C.Unit. (SOR-2014-15-ELEC-5.5.21)	1795.5
1033	ELEC-5.5.22	1	No	Spray painting of Refrigerator using good quality paint after scraping the surface etc. (SOR-2014-15-ELEC-5.5.22)	615.6
1034	ELEC-5.5.23	1	No	New sealed compressor of 1/8 HP suitable for 165 to 185 Ltrs. Capacity Refrigerator. (SOR-2014-15-ELEC-5.5.23)	2650.5

1	2	3	4	5
1035	ELEC-5.5.24	1 No	Sealed compressor of 1/6 HP suitable for 285 / 310 Ltrs. Capacity Refrigerator. (SOR-2014-15-ELEC-5.5.24)	3206.25
1036	ELEC-5.5.25	1 No	Supply of fan motor by new 1/10 to 1/12 H.P 1250 RPM fan motor for Water Cooler of 80-150 Ltrs. (SOR-2014-15-ELEC-5.5.25)	1359.45
1037	ELEC-5.5.26	1 No	Bush for fan motor of 80-150 Lts. (SOR-2014-15-ELEC-5.5.26)	106.875
1038	ELEC-5.5.27	1 No	Resistance type regulator for ceiling fans 900/1200/1400mm sweep complete erected on existing board. (SOR-2014-15-ELEC-5.5.27)	34.2
1039	ELEC-5.5.28	1 No	Installation of Split Air Conditioners. (SOR-2014-15-ELEC-5.5.28)	1282.5
1040	ELEC-5.5.29	1 No	Removing of existing Split Air Conditioners without damaging to copper pipe. (SOR-2014-15-ELEC-5.5.29)	342
1041	ELEC-5.5.30	1 No	Installation of Cassette type Split Air Conditioners. (SOR-2014-15-ELEC-5.5.30)	2565
1042	ELEC-5.5.31	1 No	Installation of Tower type Split Air Conditioners. (SOR-2014-15-ELEC-5.5.31)	2137.5
1043	ELEC-5.5.32	1 Set	Supply, Fabrication of 1set MS bracket suitable for fixing out door unit of Casseete AC unit. (SOR-2014-15-ELEC-5.5.32)	1710
1044	ELEC-5.5.33	1 Mtr	Providing 2 runs of Copper tubes for suction and liquid between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. (SOR-2014-15-ELEC-5.5.33) 1.7/8" x 1/2"	1282.5
1045	ELEC-5.5.34	1 Mtr	Providing 2 runs of Copper tubes for suction and liquid between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. (SOR-2014-15-ELEC-5.5.34) 1. 1 1/8" x 5/8"	1496.25
			AIR CONDITIONERS	
			Supply of .....split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length and cordless remote control	
	A		1.5TR Split ACs	
1046	ELEC-5.5.35	1 No	1.5 TR 3 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK 19 CK-6. (SOR-2014-15-ELEC-5.5.92)	34893.405
1047	ELEC-5.5.36	1 No	1.5 TR 3 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Daikin FTE-M or N Sereis / Carrier Novello / Blue Star 3HW18VB1 / Hitachi (Kazi+) / Voltas 183 PX-R. (SOR-2014-15-ELEC-5.5.93)	32947.425
1048	ELEC-5.5.37	1 No	1.5TR 5 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK20CKS-6 / Hitachi ACE FMS. (SOR-2014-15-ELEC-5.5.94)	41595.75

1	2	3	4	5	
1049	ELEC-5.5.38	1	No	1.5TR 5 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410A makes Daikin FT-M / Carrier Estrella / Blue Star 5HW18DBF1. (SOR-2014-15-ELEC-5.5.95)	39949.875
	B			1.8TR-2.1TR Split ACs	0
1050	ELEC-5.5.39	1	No	1.8 / 2.0 TR 3 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Carrier Dura edgeplus / Daikin FTE-M or N Series / Blue Star 3HW24SVB1. (SOR-2014-15-ELEC-5.5.39)	41924.925
1051	ELEC-5.5.40	1	No	2.0 TR 4 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes 'O' General. (SOR-2014-15-ELEC-5.5.40)	48298.95
1052	ELEC-5.5.41	1	No	2.0 TR 4 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Carrier Kurve. (SOR-2014-15-ELEC-5.5.41)	42732.9
1053	ELEC-5.5.42	1	No	1.8 / 2.0 TR 5 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK25CKS-6 / Daikin FT-M Series. (SOR-2014-15-ELEC-5.5.42)	49286.475
	C			Inverter Split AC Unts (Cooling Only)	
				Supply of INVERTER Model Cool type split AC unit with high wall mounted Single Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidi -fying air circulating and filtering with cooling and condensing units duly insulated and 3 core copper flexible chord of required length etc. complete including cordless remote.	
1054	ELEC-5.5.43	1	No	1.5 TR capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410 makes O General model No. ASGA18JCC / Toshibha Model No. RAS-18N3KCV-IN. (SOR-2014-15-ELEC-5.5.43)	49474.575
1055	ELEC-5.5.44	1	No	1.5 TR capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410 makes 'Daikin Model No.FTKS50FVMA / Mitsubishi Model No. SRK18YL-S / Blue Star Model No. HNHW18CBF. (SOR-2014-15-ELEC-5.5.44)	48924.81
1056	ELEC-5.5.45	1	No	1.8 TR capable of delivering 21600 BTU/hr and above with operating on refrigerant R-410 makes Thosibha Model No. RAS-22N3KCV-IN / Daikin Model No. FTKS60FVMA. (SOR-2014-15-ELEC-5.5.45)	55741.725
1057	ELEC-5.5.46	1	No	2.0 TR capable of delivering 24000 BTU/hr and above with operating on refrigerant R-410 makes 'O' General Model No. ASGA24JCC / Blue Star Model No. HNHW22CBF. (SOR-2014-15-ELEC-5.5.46)	57537.225
				CASSETTE TYPE AC UNITS	

1	2	3	4	5
			Supply of Cassette type AC unit with ceiling mounted indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc complete with Wireless remote controller, but without refrigerent piping and cable.	0
1058	ELEC-5.5.47	1 No	Single Phase Makes: 2.2TR Daikin / 2.0TR 'O' Genral AUG25AB. (SOR-2014-15-ELEC-5.5.47)	70110
1059	ELEC-5.5.48	1 No	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 makes Makes: 'O' Genral. (SOR-2014-15-ELEC-5.5.48)	111226.95
1060	ELEC-5.5.49	1 No	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 Makes: Daikin / Carrier / Blue Star. (SOR-2014-15-ELEC-5.5.49)	93622.5
1061	ELEC-5.5.50	1 No	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: 'O' General. (SOR-2014-15-ELEC-5.5.50)	117938.7
1062	ELEC-5.5.51	1 No	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: Daikin. (SOR-2014-15-ELEC-5.5.51)	112689
1063	ELEC-5.5.52	1 No	3.5TR Three Phase Makes: Carrier / Blue Star. (SOR-2014-15-ELEC-5.5.52)	106875
1064	ELEC-5.5.53	1 No	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-22 Makes: Daikin / 'O' Genral. (SOR-2014-15-ELEC-5.5.53)	129079.35
1065	ELEC-5.5.54	1 No	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-22 Makes: Carrier / Blue Star. (SOR-2014-15-ELEC-5.5.54)	98325
1066	ELEC-5.5.55	1 No	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-410 Makes: Carrier / Blue Star. (SOR-2014-15-ELEC-5.5.55)	99436.5
1067	ELEC-5.5.56	1 No	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-410 Makes: Toshiba / O General (Inverter Technology) (SOR-2014-15-ELEC-5.5.56)	132670.35
1068	ELEC-5.5.57	1 No	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-410 Makes: Carrier / Blue Star. (SOR-2014-15-ELEC-5.5.57)	113715
1069	ELEC-5.5.58	1 No	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-410 Makes: Toshiba / O General (Inverter Technology). (SOR-2014-15-ELEC-5.5.58)	143802.45
			TOWER MODEL TYPE AC UNITS	0

1	2	3	4	5
			Supply of Slim line / Tower Model/Verticool type split AC unit with indoor unit and floor mounted outdoor condensing unit Hermetically sealed Scroll compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc complete with cordless remote control	0
1070	ELEC-5.5.59	1 No	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 Makes: Voltas. (SOR-2014-15-ELEC-5.5.59)	68400
1071	ELEC-5.5.60	1 No	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: Blue Star. (SOR-2014-15-ELEC-5.5.60)	70537.5
			INVERTOR MODEL HEAT COOL SPLIT AC'S	
			Supply of INVERTER Model Heat Cool type split AC unit with high wall mounted Single phase Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidi-fying air circulating and filtering with cooling and condensing units duly insulated and 3 core copper flexible chord of required length etc. complete with cordless remote control	
1072	ELEC-5.5.61	1 No	.....do....with Cooling capacity 18000 BTU/Hr and above, Coffeient of performance 3.70 and above and R410A refrigerent etc complete. Make : Toshiba model No. Indoor Unit RAS-18N3KV2-E Outdoor Unit RAS-18N3AV2-E or its equivalent model of 'O'General / Mitsubishi / Daikin. (SOR-2014-15-ELEC-5.5.61)	62393.625
1073	ELEC-5.5.62	1 No	.....do.....with Cooling capacity 22000 BTU/Hr and above, Coffeient of performance 3.40 and above and R410A refrigerent etc complete. Make : Toshiba model No. Indoor Unit RAS-B22N3KV2-E Outdoor Unit RAS-22N3AV2-E or its equivalent model of 'O'General / Mitsubishi / Daikin. (SOR-2014-15-ELEC-5.5.62)	66882.375
			STABILIZERS	
1074	ELEC-5.5.63	1 Mtr	Supply of 0.5 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL. (SOR-2014-15-ELEC-5.5.46)	816.75
1075	ELEC-5.5.64	1 Mtr	Supply of 0.5 KVA Stabilizer of make Keeline / Soft Line / Capri. (SOR-2014-15-ELEC-5.5.47)	668.25
1076	ELEC-5.5.65	1 Mtr	Supply of 1.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL. (SOR-2014-15-ELEC-5.5.48)	1489.125
1077	ELEC-5.5.66	1 Mtr	Supply of 1.0 KVA Stabilizer of make Keeline / Soft Line / Capri. (SOR-2014-15-ELEC-5.5.49)	1332.375
1078	ELEC-5.5.67	1 Mtr	Supply of 3.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL. (SOR-2014-15-ELEC-5.5.50)	2062.5
1079	ELEC-5.5.68	1 Mtr	Supply of 3.0 KVA Stabilizer of make Keeline / Soft Line / Capri. (SOR-2014-15-ELEC-5.5.51)	1897.5

1	2	3	4	5
1080	ELEC-5.5.69	1 Mtr	Supply of 4.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL. (SOR-2014-15-ELEC-5.5.52)	2743.125
1081	ELEC-5.5.70	1 Mtr	Supply of 4.0 KVA Stabilizer of make Keeline / Soft Line / Capri. (SOR-2014-15-ELEC-5.5.53)	2586.375
1082	ELEC-5.5.71	1 Mtr	Supply of 5.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL. (SOR-2014-15-ELEC-5.5.54)	3301.65
1083	ELEC-5.5.72	1 Mtr	Supply of 5.0 KVA Stabilizer of make Keeline / Soft Line / Capri. (SOR-2014-15-ELEC-5.5.55)	3139.95
			REPAIRS TO MOTORS AND REWINDING, BEARINGS	
1084	ELEC-5.6.1		Bearing of approved make for electric motor single phase / 3 phase AC upto 1 HP of all types. (SOR-2014-15-ELEC-5.6.1)	159.31
1085	ELEC-5.6.2		Bearing of approved make for electric motor single phase / 3 phase AC upto 2 to 3 HP of all types. (SOR-2014-15-ELEC-5.6.2)	205.59
1086	ELEC-5.6.3		Bearing of approved make for electric motor single phase / 3 phase AC upto 5 to 7.5 HP of all types. (SOR-2014-15-ELEC-5.6.3)	272.34
1087	ELEC-5.6.4		Bearing of approved make for electric motor single phase / 3 phase AC upto 10 to 12.5 HP of all types. (SOR-2014-15-ELEC-5.6.4)	283.91
1088	ELEC-5.6.5		Bearing of approved make for electric motor single phase / 3 phase AC upto 15 to 20 HP of all types. (SOR-2014-15-ELEC-5.6.5)	435.21
1089	ELEC-5.6.6		Bearing of table / cabin / pedestal / ceiling / exhaust fan complete with alignment of shaft and tested. (SOR-2014-15-ELEC-5.6.6)	74.76
1090	ELEC-5.6.7		Bearing of bush / rubber / ring washers complete with alignment of shaft and tested. (SOR-2014-15-ELEC-5.6.7)	35.6
1091	ELEC-5.6.8		Capacitor of table / cabin / pedestal / ceiling / exhaust fan complete. (SOR-2014-15-ELEC-5.6.8)	33.82
1092	ELEC-5.6.9		EICHER model 11:10 with 100 H. P direct injection 4 stroke engine with one spare wheel 3800 mm cabin high deck with jangla (full body) (4 wheeler) for generator (SOR-2014-15-ELEC-5.6.9)	707611.41
	6.1		SWAGED POLES / OCTOGONAL POLES, GARDEN POSTS AND ACCESSORIES	
1093	ELEC-6.1.1	1 Kg	Fabrication, supply and transportation of all sizes swaged poles up to site conforming to IS 2713 / 1980 specifications. The pole should be painted with primary coat of red oxide and black bituminous paint up to ground level with base plate, including cost of all materials etc., complete. (Rate per K. G) (SOR-2014-15-ELEC-6.1.1)	60.705
1094	ELEC-6.1.2	1 Kg	Fabrication and Supply of M.S. Poles for garden posts with 'B' class 60.25mm outer dia with base plate and suitable pole cap including cost and conveyance of all material including fixing of luminaire and labour charges etc., complete. (Rate per K. G) (SOR-2014-15-ELEC-6.1.2)	55.575

1	2	3	4	5
1095	ELEC-6.1.3	1 Kg	Supply of different sizes of M. S. Pipe brackets (Rate per K.G) (SOR-2014-15-ELEC-6.1.3)	55.575
1096	ELEC-6.1.4	1 No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.50 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template of Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.4)	9103.185
1097	ELEC-6.1.5	1 No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.50 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template of Makes SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.5)	7820.685
1098	ELEC-6.1.6	1 No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.6)	13442.31
1099	ELEC-6.1.7	1 No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.7)	11548.485

1	2	3	4	5	
1100	ELEC-6.1.8	1	No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.8)	13393.575
1101	ELEC-6.1.9	1	No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.9)	12053.79
1102	ELEC-6.1.10	1	No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 200mm / 240mm, Top 100mm / 90mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.10)	21409.2
1103	ELEC-6.1.11	1	No	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 200mm / 240mm, Top 100mm / 90mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.11)	19268.28
1104	ELEC-6.1.12	1	No	Fabrication, Transportation and supply of 1.0 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (SOR-2014-15-ELEC-6.1.12)	1038.825

1	2	3	4	5	
1105	ELEC-6.1.13	1	No	Fabrication, Transportation and supply of 1.50 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (SOR-2014-15-ELEC-6.1.13)	1371.42
1106	ELEC-6.1.14	1	No	Fabrication, Transportation and supply of 1 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (SOR-2014-15-ELEC-6.1.14)	1197
1107	ELEC-6.1.15	1	No	Fabrication, Transportation and supply of 1.50 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (SOR-2014-15-ELEC-6.1.15)	2119.545
1108	ELEC-6.1.16	1	No	Fabrication, Transportation and supply of of 1.5mtrs sword type decorative double arm bracket with dooms either sides complete with all accessories with MS galvanized 40mm / 50mm dia Pipe. (SOR-2014-15-ELEC-6.1.16)	3847.5
1109	ELEC-6.1.17	1	No	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 200mm / 240mm dia and top 100mm / 90mm dia, base plate of size 290mm x 290mm x 16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.17)	15477.21
1110	ELEC-6.1.18	1	No	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 200mm / 240mm dia and top 100mm / 90mm dia, base plate of size 290mm x 290mm x 16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.18)	13929.66
1111	ELEC-6.1.19	1	No	Foundation and erection charges for 9 mtrs / 10 Mtrs long Octagonal/Conical pole duly erecting on base plate 290mm x 290mm x 16mm thick duly providing 4 Nos. foundation bolts with nuts with providing of M20 c.c work vibrated concreting mixing with necessary steel (15kgs) reinforcement as directed by the field engineers during execution including all labour charges and cost and conveyance of materials etc. complete. (SOR-2014-15-ELEC-6.1.19)	4232.25

1	2	3		4	5
1112	ELEC-6.1.20	1	No	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of Bottom 350mm / 360mm and Top 125mm / 100mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity, suitable for 6 luminaires with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.20)	88367.67
1113	ELEC-6.1.21	1	No	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of Bottom 350mm / 360mm and Top 125mm / 100mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity, suitable for 6 luminaires with GLS type aviation twin lamp Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.21)	75915.45

1	2	3		4	5
1114	ELEC-6.1.22	1	No	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.22)	115321.545
1115	ELEC-6.1.23	1	No	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.23)	103789.305

1	2	3		4	5
1116	ELEC-6.1.24	1	No	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 410mm and Top 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.24)	123975
1117	ELEC-6.1.25	1	No	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 410mm and Top 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.25)	111577.5

1	2	3		4	5
1118	ELEC-6.1.26	1	No	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick of Bottom 400mm / 410mm and Top 150mm / 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 570mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp of Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.26)	143858.88
1119	ELEC-6.1.27	1	No	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick of Bottom 400mm / 410mm and Top 150mm / 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 570mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp of Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.27)	129472.65
1120	ELEC-6.1.28	1	No	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 40A TP MCB, 6 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work. (SOR-2014-15-ELEC-6.1.28)	24695.82
1121	ELEC-6.1.29	1	No	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 63A TP MCB, 8 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work. (SOR-2014-15-ELEC-6.1.29)	26054.415

1	2	3		4	5
1122	ELEC-6.1.30	1	No	Earth work excavation with a approximate quantity of 4.0 Cum for erection of 12 Mtrs high mast and refilling with a quantity of 0.53 Cum of PCC 1:4:8, 1.50 Cum M 20 grade concrete and (80 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carraige etc complete. (SOR-2014-15-ELEC-6.1.30)	24002.415
1123	ELEC-6.1.31	1	No	Earth work excavation with a approximate quantity of 6.0 Cum for erection of 16 Mtrs high mast and refilling with a quantity of 0.65 Cum of PCC 1:4:8, 2.60 Cum M 20 grade concrete and (110 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carraige etc complete. (SOR-2014-15-ELEC-6.1.31)	30603.87
1124	ELEC-6.1.32	1	No	Earth work excavation with a approximate quantity of 7.0 Cum for erection of 20 Mtrs high mast and refilling with a quantity of 0.75 Cum of PCC 1:4:8, 3.60 Cum M 20 grade concrete and (140 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carraige etc complete. (SOR-2014-15-ELEC-6.1.32)	38946.105
1125	ELEC-6.1.33	1	No	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 155mm dia and top 75mm dia, base plate of size 260mmx260mmx16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs sword type decorative single arm bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.33)	15986.79

1	2	3	4	5
1126	ELEC-6.1.34	1 No	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 155mm dia and top 75mm dia, base plate of size 260mmx260mmx16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs sword type decorative single arm bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.34)	14387.94
1127	ELEC-6.1.35	1 No	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 173mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.0 mtrs C type decorative single arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.35)	12465.9
1128	ELEC-6.1.36	1 No	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 173mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.0 mtrs C type decorative single arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.36)	11219.31

1	2	3	4	5	
1129	ELEC-6.1.37	1	No	Fabrication,transportation and supply of MS hot dip galvanized 10.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 184mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5 mtrs C type decorative Double arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL. (SOR-2014-15-ELEC-6.1.37)	14312.7
1130	ELEC-6.1.38	1	No	Fabrication,transportation and supply of MS hot dip galvanized 10.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 184mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5 mtrs C type decorative Double arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: SURYA / LAASMA. (SOR-2014-15-ELEC-6.1.38)	12881.43
				Supply of following sizes thermo plastic pole boxes IP 65 protection Make : Hensel / Sintex	0
1131	ELEC-6.1.39			300X150X170	1043.1
1132	ELEC-6.1.40			300X300X170	1496.25
1133	ELEC-6.1.41			300X450X170	2039.175
1134	ELEC-6.1.42			300X600X170	2419.65
1134	ELEC-6.1.43	1	No	Erection charges for 7.50 Mts long Octagonal pole on bridge kerb portion (R.C.C). with 4 Nos 8" Anchor bolts/ M20xsuitable "J" type bolts etc duly drilling holes to RCC slab and with V.C.C. M.15 concrete for base concreting up to a height of 8" with necessary Reinforcement work etc. including cost and conveyance of all material and all labour charges etc. complete as directed by the department officers. (SOR-2014-15-ELEC-6.1.43)	2736
				Supply and transportation of glass reinforced polymer (GRP) composite type Conical pole with single arm bracket of length 1Mtr and internal junction box including labour charges etc., complete. Makes: Bajaj / Kemrock / Sumip.	0

1	2	3	4	5	
1135	ELEC-6.1.44	1	No	3.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr. (SOR-2014-15-ELEC-6.1.44)	7616.34
1136	ELEC-6.1.45	1	No	4.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr. (SOR-2014-15-ELEC-6.1.45)	9548.64
1137	ELEC-6.1.46	1	No	6.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr. (SOR-2014-15-ELEC-6.1.46)	12205.125
1138	ELEC-6.1.47	1	No	8.00 Mtrs height, Bottom dia 193mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr. (SOR-2014-15-ELEC-6.1.47)	16069.725
1139	ELEC-6.1.48	1	No	10.00 Mtrs height, Bottom dia 227mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr. (SOR-2014-15-ELEC-6.1.48)	23314.14
				Supply and transportation of base bracket suitable for..... glass reinforced polymer (GRP) composite type pole including labour charges etc., complete. Makes: Bajaj / Kemrock / Sumip.	
1140	ELEC-6.1.49	1	No	For 3.00 Mtrs Pole (SOR-2014-15-ELEC-6.1.49)	1410.75
1141	ELEC-6.1.50	1	No	For 4.00 Mtrs Pole (SOR-2014-15-ELEC-6.1.50)	1410.75
1142	ELEC-6.1.51	1	No	For 6.00 Mtrs Pole (SOR-2014-15-ELEC-6.1.51)	1692.9
1143	ELEC-6.1.52	1	No	For 8.00 Mtrs Pole (SOR-2014-15-ELEC-6.1.52)	1975.05
1144	ELEC-6.1.53	1	No	For 10.00 Mtrs Pole (SOR-2014-15-ELEC-6.1.53)	4702.5
			6.2	CONTROL PANEL BOARD	
1145	ELEC-6.2.1	1	Sqin	Fabrication and erection of 14SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges. (SOR-2014-15-ELEC-6.2.1)	
1146	ELEC-6.2.2	1	Sqin	Fabrication and erection of 16 SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges. (SOR-2014-15-ELEC-6.2.2)	
1147	ELEC-6.2.3	1	Sqin	Fabrication and erection of 18SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges. (SOR-2014-15-ELEC-6.2.3)	
				METERING EQUIPMENT	0

1	2	3	4	5	
1148	ELEC-6.3.1	1	No	Supply and erection of 0-415V volt Digital meter on existing box / panel board including connections etc., complete of makes CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE. (SOR-2014-15-ELEC-6.3.1)	2137.5
1149	ELEC-6.3.2	1	No	Supply and erection of 0-415V volt Analog meter on existing box / panel board including connections etc., complete of makes CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE. (SOR-2014-15-ELEC-6.3.2)	384.75
1150	ELEC-6.3.3	1	No	Supply and erection of 0-100 / 200 / 400 / 600 /1000 Digital Ammeter of size 96x96mm on existing box / panel board including connections etc., complete of makes CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE. (SOR-2014-15-ELEC-6.3.3)	2137.5
1151	ELEC-6.3.4	1	No	Supply and erection of 0-100 / 200 / 400 / 600 /1000 Analog Ammeter of size 96x96mm on existing box / panel board including connections etc., complete of makes CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE. (SOR-2014-15-ELEC-6.3.4)	384.75
1152	ELEC-6.3.5	1	No	Supply and erection of Digital frequency meter on existing box / panel board including connections etc., complete of makes CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE. (SOR-2014-15-ELEC-6.3.5)	3895.38
1153	ELEC-6.3.6	1	No	Supply and erection of Digital power factor meter, 3 phase, 4 wire balanced or unbalanced load 5A, 415V of size 96x96mm on existing box / panel board including connections etc., complete of makes CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE. (SOR-2014-15-ELEC-6.3.6)	2308.5
1154	ELEC-6.3.7	1	No	Supply and erection of L.T. 3phase Digital multifunction energy meter with 3 lines LCD display for measuring all the parameters (voltage / Current / Power / frequency / power factor / kw / kwh / KVAR/ KVARH/) on existing box panel board including connections etc., complete of makes CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE. (SOR-2014-15-ELEC-6.3.7)	8569.665
1155	ELEC-6.3.8	1	No	Supply and erection of selector switch for voltmeter / Ammeter on the existing box / panel including connections etc., complete of makes L&T / C&S / SALZAR / HPL MAKE. (SOR-2014-15-ELEC-6.3.8)	149.625
1156	ELEC-6.3.9	1	No	Supply and erection of LED indicator lamps on the existing box / panel board of makes L&T / C&S / SALZAR / HPL MAKE. (SOR-2014-15-ELEC-6.3.9)	115.425

1	2	3	4	5	
1157	ELEC-6.3.10	1	No	Supply and erection of LT current transformer with bar primary 100/5A to 1000 / 5A ratio in the existing box / panel including connections etc., complete of make KAPPA MAKE. (SOR-2014-15-ELEC-6.3.10)	384.75
1158	ELEC-6.3.11	1	No	Supply and fixing of single phase Electronic energy Meter,240V AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board of makes CONZERVE / ELMEASURE / MECO / HPL / HAVELLS MAKE. (SOR-2014-15-ELEC-6.3.11)	897.75
1159	ELEC-6.3.12	1	No	Supply and fixing of three phase Electronic energy Meter, 415V AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board of makes CONZERVE / ELMEASURE / MECO / HPL / HAVELLS MAKE. (SOR-2014-15-ELEC-6.3.12)	2596.635
1160	ELEC-6.3.13			Supply and fixing of 8 Stage APFC Relay with connection etc complete of makes L&T / Siemens / EPCOS / Schneider / Elmeasure. (SOR-2014-15-ELEC-6.3.13)	11628
1161	ELEC-6.3.14			Supply and fixing of 14 Stage APFC Relay with connection etc complete of makes L&T / Siemens / EPCOS / Schneider / Elmeasure. (SOR-2014-15-ELEC-6.3.14)	14449.5
	6.4			SUB STATION EQUIPMENT and TRANSFORMERS	
1162	ELEC-6.4.1	1	No	Carryout routine maintenance, servicing and testing of 630A to 1000A L.T.ACB by cleaning fixed contacts, moving contacts and arcchutes including servicing and putting the ACB in perfect working condition after detting all relay and ON, OFF mechanism etc done with only manufacturing companies. (SOR-2014-15-ELEC-6.4.1)	1998
1163	ELEC-6.4.2	1	No	Carryout routine maintenance and servicing of LT.Cubical pannel board having approximately 15 to 22 Nos of switches cleaning with power brower and servicing the contacts, tightning the connection of incoming and outgoing cables, and clicking the operating machanism for smooth functioning of switches and putting them in smooth working condition. (SOR-2014-15-ELEC-6.4.2)	2500
1164	ELEC-6.4.3	1	No	Routine maintenance of transformer in operation covering insulation resistance oil, break down strength. Reconditioning / replacement of silicazel, cleaning of transformer and topping upto oil level if required (extra cost will be paid for oil). (SOR-2014-15-ELEC-6.4.3)	4350
1165	ELEC-6.4.4	1	No	Testing of Transformer oil for dielectric breakdown strength. (SOR-2014-15-ELEC-6.4.4)	500

1	2	3	4	5	
1166	ELEC-6.4.5	1	No	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete.- Upto 315 KVA. (SOR-2014-15-ELEC-6.4.5)	2500
1167	ELEC-6.4.6	1	No	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete. -500 / 1000 KVA. (SOR-2014-15-ELEC-6.4.6)	3500
1168	ELEC-6.4.7	1	No	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -Upto 315 KVA. (SOR-2014-15-ELEC-6.4.7)	750
1169	ELEC-6.4.8	1	No	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -500 / 1000 KVA. (SOR-2014-15-ELEC-6.4.8)	1050
1170	ELEC-6.4.9	1	No	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -Upto 315 KVA. (SOR-2014-15-ELEC-6.4.9)	300
1171	ELEC-6.4.10	1	No	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -500 / 1000 KVA. (SOR-2014-15-ELEC-6.4.10)	550
1172	ELEC-6.4.11	1	No	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. Upto 315 KVA. (SOR-2014-15-ELEC-6.4.11)	700
1173	ELEC-6.4.12	1	No	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. 500 / 1000 KVA. (SOR-2014-15-ELEC-6.4.12)	1450
1174	ELEC-6.4.13	1	Kg	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding, varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm- For copper coils. (SOR-2014-15-ELEC-6.4.13)	590
1175	ELEC-6.4.14	1	Kg	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding, varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm - For aluminium coils. (SOR-2014-15-ELEC-6.4.14)	390
1176	ELEC-6.4.15	1	No	Insulating HT / LT copper / aluminium coils for Transformers. (SOR-2014-15-ELEC-6.4.15)	300
1177	ELEC-6.4.16	1	No	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. -Upto 500 KVA. (SOR-2014-15-ELEC-6.4.16)	3000
1178	ELEC-6.4.17	1	No	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. - 630 / 1000 KVA. (SOR-2014-15-ELEC-6.4.17)	4000
1179	ELEC-6.4.18	1	No	Replacing H.T bushing for distribution Transformer by new one. (SOR-2014-15-ELEC-6.4.18)	350
1180	ELEC-6.4.19	1	No	Replacing H.T bushing metal parts for distribution Transformer by new one. (SOR-2014-15-ELEC-6.4.19)	380

1	2	3		4	5
1181	ELEC-6.4.20	1	No	Replacing L.T bushing for distribution Transformer by new one for the following capacities. - Upto 315 KVA. (SOR-2014-15-ELEC-6.4.20)	165
1182	ELEC-6.4.21	1	No	Replacing L.T bushing for distribution Transformer by new one for the following capacities.- 500 / 1000 KVA. (SOR-2014-15-ELEC-6.4.21)	175
1183	ELEC-6.4.22	1	No	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. 100 KVA. (SOR-2014-15-ELEC-6.4.22)	300
1184	ELEC-6.4.23	1	No	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. 250 / 315 KVA. (SOR-2014-15-ELEC-6.4.23)	500
1185	ELEC-6.4.24	1	No	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. 500 KVA. (SOR-2014-15-ELEC-6.4.24)	1300
1186	ELEC-6.4.25	1	No	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. 1000 KVA. (SOR-2014-15-ELEC-6.4.25)	2000
1187	ELEC-6.4.26	1	No	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -Upto 315 KVA. (SOR-2014-15-ELEC-6.4.26)	3000
1188	ELEC-6.4.27	1	No	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -500 / 1000KVA. (SOR-2014-15-ELEC-6.4.27)	4200
1189	ELEC-6.4.28	1	No	Loading and Unloadng of transformer from site to Workshop or vice verse. -Upto 500 KVA. (SOR-2014-15-ELEC-6.4.28)	4500
1190	ELEC-6.4.29	1	No	Loading and Unloadng of transformer from site to Workshop or vice verse. -630 / 1000 KVA. (SOR-2014-15-ELEC-6.4.29)	6800
1191	ELEC-6.4.30	1	Ltr	Transformer oild tested as per IS-335 - 1972 (per Ltr). (SOR-2014-15-ELEC-6.4.30)	90
1192	ELEC-6.4.31	1	Ltr	Filtration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at site. (per Ltr). (SOR-2014-15-ELEC-6.4.31)	8
1193	ELEC-6.4.32	1	Ltr	Filtration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at workshop (per Ltr). (SOR-2014-15-ELEC-6.4.32)	5
1194	ELEC-6.4.33	1	KVAR	Supply of MPP type heavy duty capacitor of operating voltage not less than 480V and losses not more than 0.35W per KVAR and inrush current withstand capability 300 times the rated current. Makes:L&T/Siemens/Schneider/Epcos. (SOR-2014-15-ELEC-6.4.33)	330

1	2	3	4	5
			Supply, transportation and delivery at site of 3 Phase, 50 Hz, oil immersed and naturally cooled, outdoor / Indoor type 63KVA / 100KVA / 160KVA / 250KVA / 315KVA / 500KVA copper wound transformer designed and manufactured as per IS 2026-1977 and 1st filling of oil as per IS 335 of 1993, connected delta on primary side and Star on secondary side with additional neutral brought out on load side, 1100V / (433V / 415V) with HV tapping + or - 2.5% continuously rated for full load and temperature rise not exceeding 50°C in oil and 55°C rise by the resistance of the winding after continuous run on full load rating complete with the following standard mountings. Makes: Kirloskar / Vijay Electricals / PETE / Esennar.	
			(Note:Other than these makes / brands mentioned rate may be allowed as approved by AP Electricity Board).	
			1. Rated KVA :KVA 2. Service: Outdoor / Indoor 3. Mounting : Plinth. 4. Copper wound : Double. 5. Type : Core. 6. Cooling : ONAN 7. Temp . Rise : 55°C. 8. Vector Group: Dyn 11 9. Primary Connection : Delta 10. Primary Volts : 11000 11. Primary Frequency : 50 12. Primary Phases : 3 13. Primary wires: 3 14. Secondary connection : Star 15. Secondary Volts : 415 / 433V 16. Secondary phases : 3 17. Secondary wires: 4 18. Taps on primary winding for primary voltage variation : +7.5% to - 7.5% in steps of 2.5%,	
			19. Terminal arrangement. a. HV: Bare Busings / Cable end box b. LV : Cable box 20. LV : One separate terminal for earthing. 20. No load losses (Watts): .....As per IS specification 21. Load losses (Watts): .....As per IS specification 22. Impedance(Z%) :As per IS specification	

1	2	3	4	5
			<p>21. Fittings & Accessories.</p> <p>a. Rating and terminal marking plate b. Earthing terminals c. Lifting Lugs d. Conservator with drain plug. e. Oil level Indicator f. Dehydrating silicagel breather g. Air release device h. Drain cum filter wall i. Explosion vent with diaphragm j. Radiators (Attachable) k. Seperate neutral bushing l. Uni directional flat rollers.</p>	
1195	ELEC-6.4.34		..... do..... 63 KVA Copper Wound Transformer	141075
1196	ELEC-6.4.35		..... do..... 100 KVA Copper Wound Transformer	153900
1197	ELEC-6.4.36		..... do..... 160 KVA Copper Wound Transformer	252225
1198	ELEC-6.4.37		..... do..... 250 KVA Copper Wound Transformer	277875
1199	ELEC-6.4.38		..... do..... 315 KVA Copper Wound Transformer	320625
1200	ELEC-6.4.39		..... do..... 500 KVA Copper Wound Transformer	470250
			Supply, transportation and delivery at site of 3 Phase, 50 Hz, Dry type, Indoor type 100KVA / 250KVA / 315KVA / 500KVA copper wound transformer designed and manufactured as per IS 2026-1977 and IS 11171-1985,connected delta on primary side and Star on secondary side with additional neutral brought out on load side, 1100V / (433V / 415V) with HV tapping + or - 2.5% temperature rise by the resistance 90°C. complete with the following standard mountings. Makes: Kirloskar / Vijay Electricals / PETE / Esennar.	
			(Note:Other than these makes / brands mentioned rate may be allowed as approved by AP Electricity Board).	

1	2	3	4	5	
			1. Rated KVA :KVA (Cast Resin) 2. Service: Indoor 3. Mounting : Floor. 4. Copper wound : Double. 5. Type of cooling : ANAN. 6. Insulation Class : Class F 7. Temperature rise by resistance : 90°C 8. Vector Group: Dyn 11 9. Primary Connection : Delta 10. Primary Volts : 11000 11. Primary Frequency : 50 12. Primary Phases : 3 13. Primary wires: 3 14. Secondary connection : Star 15. Secondary Volts : 433V / 415V 16. Secondary phases : 3 17. Secondary wires: 4 18. Taps on primary winding for primary voltage variation : +5.0% to - 10.0% in steps of 2.5% through links.		
			19. <u>Terminal arrangement.</u> a. HV: Cable end box b. LV : Cable end box 20. No load losses (Watts): As per IS specifications 21. Load losses (Watts): .....As per IS specifications 22. Impedance(Z%) :As per IS specifications		
			<u>21. Fittings & Accessories.</u> a. Rating and terminal marking plate b. Earthing terminals c. Lifting Lugs d. Winding temperature Indicator e. Seperate neutral bushing f. Uni directional flat rollers.		
1201	ELEC-6.4.40		..... do..... 100 KVA Copper Wound Transformer	342000
1202	ELEC-6.4.41		..... do..... 250 KVA Copper Wound Transformer	551475
1203	ELEC-6.4.42		..... do..... 315 KVA Copper Wound Transformer	628425
1204	ELEC-6.4.43		..... do..... 500 KVA Copper Wound Transformer	778050
			LIGHTENING PROTECTIVE SYSTEM	0	
1205	ELEC-6.5.1	1	No	Supply and erecting approved make 11KV, 5KA metal oxide lightning arrestors suitable for 11 KV supply with necessary materials on existing cross arm. (SOR-2014-15-ELEC-6.5.1)	1282.5
1206	ELEC-6.5.2	1	No	Supply and erecting porcelain disc type insulator suitable for 11KV line with suitable hardware on existing cross arms. (SOR-2014-15-ELEC-6.5.2)	513
1207	ELEC-6.5.3	1	No	Supply and erecting porcelain pin type insulator suitable for 11KV line with suitable hardware on existing cross arms. (SOR-2014-15-ELEC-6.5.3)	256.5

1	2	3	4	5
1208	ELEC-6.5.4	1 No	Supply and erecting porcelain post type insulator suitable for 11KV line with suitable hardware on existing cross arms. (SOR-2014-15-ELEC-6.5.4)	577.125
1209	ELEC-6.5.5	1 No	Supply and erecting porcelain pin/shackle type insulator suitable for L. T. (SOR-2014-15-ELEC-6.5.5)	76.95
1210	ELEC-6.5.6	1 No	Supply and fixing of lightning protective system conforming to IS : 2309 with all standard accessories such as metal globe finials on the top of the building with 25.4 mm dia 3.0mtrs. Length of 'B' class G.I pipe etc., complete without down conductors and earthing. (SOR-2014-15-ELEC-6.5.6)	513
1211	ELEC-6.5.7	1 No	Approved made 11KV, 400A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials. (SOR-2014-15-ELEC-6.5.7)	5985
1212	ELEC-6.5.8	1 No	Approved made 11KV, 200A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials. (SOR-2014-15-ELEC-6.5.8)	5215.5
1213	ELEC-6.5.9	1 No	Approved made 11KV, 200A A.B switch (tilting) with all standard accessories etc., complete with cost and conveyance of all materials. (SOR-2014-15-ELEC-6.5.9)	5044.5
1214	ELEC-6.5.10	1 No	11KV, H.G fuse set including all standard accessories etc., complete with cost and conveyance of all materials. (SOR-2014-15-ELEC-6.5.10)	3420
1215	ELEC-6.5.11	1 Km	Supply of 7/3.15 AAA C all Alluminium annealed conductor Rabit. (SOR-2014-15-ELEC-6.5.11)	21386.115
1216	ELEC-6.5.12	1 Km	Supply of 7/2.50 AAA C all Alluminium annealed conductor Weasel. (SOR-2014-15-ELEC-6.5.12)	13152.465
1217	ELEC-6.5.13	1 No	Supply of 9.1 Mtr PSCC Pole 280 Kg Working load. (SOR-2014-15-ELEC-6.5.13)	2675.295
1218	ELEC-6.5.14	1 No	Supply of 8.0 Mtr PSCC Pole 140 Kg Working load. (SOR-2014-15-ELEC-6.5.14)	1423.575
1219	ELEC-6.5.15	1 Kg	Supply of 175 x 85 mm / 150 x 75 mm RS Joist. (SOR-2014-15-ELEC-6.5.15)	42.75
1220	ELEC-6.5.16	1 No	Supply and installation of NIMBUS CPT-3/NLP 2200 / FOREND(ESE-EU) Advanced lighting protection with capturing head of 135 - 210mm diameter, 205 - 580mm height and 4.60 - 4.940 kgs , and having Rod length 760mm, weight 1.795 kgs with stainless steel rod, working on the principle of (ESE) Early Streamer Emission technology, having a coverage radius of 79mts when mounted on 10 - 15 mts height of existing lattice tower giving level 1 protection and anticipation emission time of 60 micro seconds/72 micro seconds. The NIMBUS is manufactured according to standard NFC 17 102 and UNE 21186-96 including functional integrity etc Complete. Make : NIMBUS / FOREND or equivalent. (SOR-2014-15-ELEC-6.5.16)	109440

1	2	3		4	5
1221	ELEC-6.5.17	1	No	Installation and commissioning of NIMBUS / FOREND or equivalent advanced lighting protection systems which includes 1. Laying of CC Bed 2. Installation of Lighting Rod 3. Laying of Down conductor 4. Installation of Counter 5. Installation of Earth Electrodes 6. Interconnection between the Electrodes 7. Termination of down conductor to earth bus etc complete. (SOR-2014-15-ELEC-6.5.17)	26676
1222	ELEC-6.5.18	1	Pt	Supply of electro-Mechanical counter of Makes: CIRPROTEC / INDALAC/INGESCO. (SOR-2014-15-ELEC-6.5.18)	13680
1223	ELEC-6.5.19	1	Pt	Providing earth electrode of low carbon steel rod of 17mm dia coated with 250 microns thick copper 3mtr long with clamps and 2 bags of LORESCO ZEROLITE back fill compound etc complete (As per drawings enclosed) (SOR-2014-15-ELEC-6.5.19)	8208
1224	ELEC-6.5.20	1	Mtr	Supply of down conductor of 1x70sqmm single core PVC insulated unarmoured copper conductor cable of ISI mark (Make: Polycab / Havells / RPG / RR Kabel) (SOR-2014-15-ELEC-6.5.20)	350.55
	7.1			NET WORKING	
1225	ELEC-7.1.1	100	Mtrs	Supply of 2 Pair, 0.5mm telephone copper wire of makes Finolex / Delton / Surabi / Polycab. (SOR-2014-15-ELEC-7.1.1)	833.25
1226	ELEC-7.1.2	100	Mtrs	Supply of 5 Pair telephone copper wire of makes Finolex / Delton / Surabi / Polycab. (SOR-2014-15-ELEC-7.1.2)	2310
1227	ELEC-7.1.3	100	Mtrs	Supply of LAN Cable cat - 6 UTP cable of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.3)	2128.5
1229	ELEC-7.1.4	1	No	Supply of Cat 6 RJ-45 information outlets including duel face plate of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.4)	280.5
1230	ELEC-7.1.5	1	No	Supply of 24 Port switches of makes D link / CISCO / Net Gear / HP. (SOR-2014-15-ELEC-7.1.5)	4290
1231	ELEC-7.1.6	1	No	Supply of 8 Port switches of makes D link / CISCO / Net Gear / HP. (SOR-2014-15-ELEC-7.1.6)	1018.875
1232	ELEC-7.1.7	1	No	Supply of 3200 access point of makes D link / CISCO / Net Gear / HP. (SOR-2014-15-ELEC-7.1.7)	10312.5
1233	ELEC-7.1.8	1	No	Supply of 7 feet length moulded patch cord of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.8)	181.5
1234	ELEC-7.1.9	1	No	Supply of 3 feet length moulded patch cord of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.9)	165
1235	ELEC-7.1.10	1	No	Supply of 24 port patch panels of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.10)	5362.5

1	2	3	4	5
1236	ELEC-7.1.11	1 No	Supply of 100 pair MDF loaded with 2/10 Modular of Krone make or its equivalent. (SOR-2014-15-ELEC-7.1.11)	3036
1237	ELEC-7.1.12	1 Mtr	Supply of 100 Pair raiser cable for telephone makes Finolex / Delton / Surabi / Polycab. (SOR-2014-15-ELEC-7.1.12)	319.275
1238	ELEC-7.1.13	1 Mtr	Supply of 10 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab. (SOR-2014-15-ELEC-7.1.13)	33
1239	ELEC-7.1.14	1 Mtr	Supply of 20 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab. (SOR-2014-15-ELEC-7.1.14)	62.7
1240	ELEC-7.1.15	1 Mtr	Supply of 50 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab. (SOR-2014-15-ELEC-7.1.15)	160.875
1241	ELEC-7.1.16	1 No	Supply of 10 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement. (SOR-2014-15-ELEC-7.1.16)	536.25
1242	ELEC-7.1.17	1 No	Supply of 20 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement. (SOR-2014-15-ELEC-7.1.17)	816.75
1243	ELEC-7.1.18	1 No	Supply of 50 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement. (SOR-2014-15-ELEC-7.1.18)	1707.75
1244	ELEC-7.1.19	1 No	Supply of 200 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement. (SOR-2014-15-ELEC-7.1.19)	6517.5
1245	ELEC-7.1.20	1 No	Supply of 6U floor mounting net work rack with power spike including all accessories of make HCL / Vall. (SOR-2014-15-ELEC-7.1.20)	3877.5
1246	ELEC-7.1.21	1 No	Supply of 9U floor mounting net work rack with power spike including all accessories of make HCL / Vall. (SOR-2014-15-ELEC-7.1.21)	4603.5
1247	ELEC-7.1.22	1 No	Supply of 12U floor mounting net work rack with power spike including all accessories of make HCL / Vall. (SOR-2014-15-ELEC-7.1.22)	5349.3
1248	ELEC-7.1.23	1 No	Supply of 15U floor mounting net work rack with power spike including all accessories of make HCL / Vall. (SOR-2014-15-ELEC-7.1.23)	6062.1
1249	ELEC-7.1.24	1 No	Supply of 17U floor mounting net work rack with power spike including all accessories of make HCL / Vall. (SOR-2014-15-ELEC-7.1.24)	8353.125
1250	ELEC-7.1.25	1 No	Supply of 42U floor mounting net work rack with power spike including all accessories of make HCL / Vall. (SOR-2014-15-ELEC-7.1.25)	11137.5
1251	ELEC-7.1.26	1 Mtr	Supply of 6 Core (Indoor / Out door), Single mode armourd, Optic fibre cable of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.26)	61.875
1252	ELEC-7.1.27	1 Mtr	Supply of 12 Core (Indoor / Out door), Single mode armourd, Optic fibre cable of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.27)	86.625

1	2	3	4	5
1253	ELEC-7.1.28	1 No	Supply of 6 port fibre distribution unit. (FDU / LIU) loaded with couplers etc complete of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.28)	6187.5
1254	ELEC-7.1.29	1 No	Supply of 12 port fibre distribution unit. (FDU / LIU) loaded with couplers etc complete of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.29)	7837.5
1255	ELEC-7.1.30	1 No	Supply of Subscriber connector (SC) to SC / LC patch card of 1 Mtr length of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.30)	1650
1256	ELEC-7.1.31	1 No	Supply of Pigtails for fibre core connectivity of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.31)	288.75
1257	ELEC-7.1.32	1 No	Supply of Cat 6 RJ-45 information outlets including Single face plate of makes D Link / AMP / Molex / Legrand / Krone. (SOR-2014-15-ELEC-7.1.32)	206.25
			RACEWAYS AND JUNCTION BOXES	
1258	ELEC-7.1.33	1 Mtr	Supply of 100mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete. (SOR-2014-15-ELEC-7.1.33)	379.5
1259	ELEC-7.1.34	1 Mtr	Supply of 150mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete. (SOR-2014-15-ELEC-7.1.34)	499.125
1260	ELEC-7.1.35	1 Mtr	Supply of 300mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete. (SOR-2014-15-ELEC-7.1.35)	853.875
1261	ELEC-7.1.36	1 Mtr	Supply of 100mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete. (SOR-2014-15-ELEC-7.1.36)	358.875
1262	ELEC-7.1.37	1 Mtr	Supply of 150mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete. (SOR-2014-15-ELEC-7.1.37)	462
1263	ELEC-7.1.38	1 Mtr	Supply of 300mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete. (SOR-2014-15-ELEC-7.1.38)	833.25
1264	ELEC-7.1.39	1 No	Supply of 172mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways. (SOR-2014-15-ELEC-7.1.39)	280.5
1265	ELEC-7.1.40	1 No	Supply of 222mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways. (SOR-2014-15-ELEC-7.1.40)	354.75
1266	ELEC-7.1.41	1 No	Supply of 372mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways. (SOR-2014-15-ELEC-7.1.41)	684.75
			MISSILLANEOUS ITEMS	
1267	ELEC-8.1.1	1 No	Supply of single fancy bracket with glass shade best Indian make. (SOR-2014-15-ELEC-8.1.1)	215
1268	ELEC-8.1.2	1 No	Supply of double fancy bracket with glass shade best Indian make. (SOR-2014-15-ELEC-8.1.2)	385
1269	ELEC-8.1.3	1 No	Supply of 10" ceiling fittings with glass doom best Indian make. (SOR-2014-15-ELEC-8.1.3)	193

1	2	3	4	5
1270	ELEC-8.1.4	1 No	Supply of Bulk head fitting with cast aluminium enamel painted body with water tight, clear glass with wire guard hinged with lock and key arrangements etc., complete of makes Bajaj / Crompton / Surya. (SOR-2014-15-ELEC-8.1.4)	396
1271	ELEC-8.1.5	100 Nos	TW Seperators / Gutties. (SOR-2014-15-ELEC-8.1.5)	165
1272	ELEC-8.1.6	100 Nos	Rawl Plugs. (SOR-2014-15-ELEC-8.1.6)	28
1273	ELEC-8.1.7	100 Nos	U Nails. (SOR-2014-15-ELEC-8.1.7)	44
1274	ELEC-8.1.8	144 Nos	Alluminium Link Clips. (SOR-2014-15-ELEC-8.1.8)	55
1275	ELEC-8.1.9	1 Set	50 mm G.I.Nut and Bolts. (SOR-2014-15-ELEC-8.1.9)	13
1276	ELEC-8.1.10	1 Set	63 to 100 mm G.I.Nut and Bolts. (SOR-2014-15-ELEC-8.1.10)	24
1277	ELEC-8.1.11	1 Doz	50 mm 0 Gauge Nails. (SOR-2014-15-ELEC-8.1.11)	44
1278	ELEC-8.1.12	1 Doz	63 to 100 mm 0 Gauge Nails. (SOR-2014-15-ELEC-8.1.12)	73
1279	ELEC-8.1.13	1 Kg	Hard Coke. (SOR-2014-15-ELEC-8.1.13)	9
1280	ELEC-8.1.14	1 Kg	Salt. (SOR-2014-15-ELEC-8.1.14)	4
1281	ELEC-8.1.15	100 Nos	PVC Cleats 2 Way. (SOR-2014-15-ELEC-8.1.15)	330
1282	ELEC-8.1.16	100 Nos	PVC Cleats 4 Way. (SOR-2014-15-ELEC-8.1.16)	440
1283	ELEC-8.1.17	1 Kg	Binding Wire. (SOR-2014-15-ELEC-8.1.17)	61
1284	ELEC-8.1.18	1 No	PVC / Cotton Insulation tape Role (10 Mtrs). (SOR-2014-15-ELEC-8.1.18)	17
1285	ELEC-8.1.19	1 No	C.I.Knob. (SOR-2014-15-ELEC-8.1.19)	13
1286	ELEC-8.1.20	1 Pair	Stay tight set (Jum bracket 300 mm). (SOR-2014-15-ELEC-8.1.20)	303
1287	ELEC-8.1.21	1 Set	Stay clamp with bolts and Nuts). (SOR-2014-15-ELEC-8.1.21)	194
1288	ELEC-8.1.22	1 No	L.T.Guy insulator. (SOR-2014-15-ELEC-8.1.22)	51
1289	ELEC-8.1.23	1 No	12 / 15 MS plain rod fan hook. (SOR-2014-15-ELEC-8.1.23)	22
1290	ELEC-8.1.24	1 Rm	19 / 20 mm Steel tube fan down rod. (SOR-2014-15-ELEC-8.1.24)	66
1291	ELEC-8.1.25	1 No	Consealed box PVC / MS with hook for fan. (SOR-2014-15-ELEC-8.1.25)	88
1292	ELEC-8.1.26	1 No	Coil Earthing. (SOR-2014-15-ELEC-8.1.26)	66
1293	ELEC-8.1.27	1 No	Cable root Indicators. (SOR-2014-15-ELEC-8.1.27)	83
1294	ELEC-8.1.28	1 Set	40 mm x 40 mm x 6 mm angle iron with I bolt. (SOR-2014-15-ELEC-8.1.28)	242
1295	ELEC-8.1.29	1 Kg	Mild Steel Items. (SOR-2014-15-ELEC-8.1.29)	61
1296	ELEC-8.1.30	1 No	Acrylic Cover of size 4" x 7" for night lamps. (SOR-2014-15-ELEC-8.1.30)	17
1297	ELEC-8.1.31	1 No	TW / PVC Round Blocks. (SOR-2014-15-ELEC-8.1.31)	7
1298	ELEC-8.1.32	1 No	G.I.Funnel with Mesh 1/2" x 4". (SOR-2014-15-ELEC-8.1.32)	83
1299	ELEC-8.1.33	1 Sqft	Asbestos Sheet. (SOR-2014-15-ELEC-8.1.33)	22
1300	ELEC-8.1.34	1 No	First Aid box 18" x 12" x 8". (SOR-2014-15-ELEC-8.1.34)	1100
1301	ELEC-8.1.35	1 No	11 KV/22 KV Hand gloves. (SOR-2014-15-ELEC-8.1.35)	154
1302	ELEC-8.1.36	1 Kg	Copper plate / Copper strip (Per K.G). (SOR-2014-15-ELEC-8.1.36)	605

1	2	3	4	5
1303	ELEC-8.1.37	1 Kg	No. 8/10 SWG copper wire (per K.G). (SOR-2014-15-ELEC-8.1.37)	605
1304	ELEC-8.1.38	1 Kg	PVC Insulated copper winding wire of fine quality (per K. G). (SOR-2014-15-ELEC-8.1.38)	726
1305	ELEC-8.1.39	1 Kg	No. 14 SWG copper wire (per K. G). (SOR-2014-15-ELEC-8.1.39)	605
1306	ELEC-8.1.40	1 Kg	Copper winding wire (per K. G). (SOR-2014-15-ELEC-8.1.40)	701
1307	ELEC-8.1.41	1 Kg	G.I. Strip / Plate / Wire (per K. G). (SOR-2014-15-ELEC-8.1.41)	68
1308	ELEC-8.1.42	1 Kg	Alluminum Bus bars/Strips/accessories. (SOR-2014-15-ELEC-8.1.42)	234
1309	ELEC-8.1.43	1 Kg	Alluminum winding wire. (SOR-2014-15-ELEC-8.1.43)	322
1310	ELEC-8.1.44	25 Nos	6.2 Volt series bulb (25 Nos.). (SOR-2014-15-ELEC-8.1.44)	91
1311	ELEC-8.1.45	25 Nos	6.2 Volt series bulb with navar plate(25 Nos.). (SOR-2014-15-ELEC-8.1.45)	97
1312	ELEC-8.1.46	1 No	Supply of Rotating machine. (SOR-2014-15-ELEC-8.1.46)	16500
1313	ELEC-8.1.47	1 Kg	Supply and fixing of 6mm thick MS Chekered plate. (SOR-2014-15-ELEC-8.1.47)	67
1314	ELEC-8.1.48	1 Kg	Supply and fixing of 6mm thick Alluminium Chekered plate. (SOR-2014-15-ELEC-8.1.48)	266
1315	ELEC-8.1.49	1 Kg	Copper old winding Wire scrap for 1 Kg. (SOR-2014-15-ELEC-8.1.49)	165
1316	ELEC-8.1.50	1 Kg	Cement. (SOR-2014-15-ELEC-8.1.50)	6.6
1317	ELEC-8.1.51	1 Sqin	Hylam Sheet. (SOR-2014-15-ELEC-8.1.51)	0.6
1318	ELEC-8.1.52	1 Cum	Earth work excacvation including all soils for trench, Pole Pit and Earth Pit. (SOR-2014-15-ELEC-8.1.52)	220
1319	ELEC-8.1.53	1 Cum	Cost of Sand. (SOR-2014-15-ELEC-8.1.53)	594
1320	ELEC-8.1.54	1000 Nos	Cost of Bricks. (SOR-2014-15-ELEC-8.1.54)	3819
1321	ELEC-8.1.55	1 Mtr	25mm Nominal Bore light grade G.I.Pipe. (SOR-2014-15-ELEC-8.1.55)	226
1322	ELEC-8.1.56	1 Mtr	25mm Nominal Bore Medium grade G.I.Pipe. (SOR-2014-15-ELEC-8.1.56)	242
1323	ELEC-8.1.57	1 Mtr	40mm Nominal Bore light grade G.I.Pipe. (SOR-2014-15-ELEC-8.1.57)	355
1324	ELEC-8.1.58	1 Mtr	40mm Nominal Bore Medium grade G.I.Pipe. (SOR-2014-15-ELEC-8.1.58)	381
1325	ELEC-8.1.59	1 No	Drilling of 16 Nos through holes of 12mm dia to G.I pipe. (SOR-2014-15-ELEC-8.1.59)	6
1326	ELEC-8.1.60	1 Set	G.I Nuts, Bolts an Washers each set. (SOR-2014-15-ELEC-8.1.60)	11
1327	ELEC-8.1.61	1 No	18" dia 2" thick hume pipe ring . (SOR-2014-15-ELEC-8.1.61)	220
1328	ELEC-8.1.62	1 No	18" dia 3" hume pipe ring . (SOR-2014-15-ELEC-8.1.62)	275
1329	ELEC-8.1.63	1 No	2" thick CC cover for hume pipe ring with handle. (SOR-2014-15-ELEC-8.1.63)	121
1330	ELEC-8.1.64	100 Nos	Supply of Saddle / Clamps suitable for fixing 2 Core 4 to 10 Sqmm Cable. (SOR-2014-15-ELEC-8.1.64)	249
1331	ELEC-8.1.65	100 Nos	Supply of Saddle / Clamps suitable for fixing 4 Core 4 & 6 Sqmm Cable. (SOR-2014-15-ELEC-8.1.65)	249

1	2	3	4	5	
1332	ELEC-8.1.66	100	Nos	Supply of Saddle / Clamps suitable for fixing 4 Core 10 & 16 Sqmm Cable. (SOR-2014-15-ELEC-8.1.66)	314
1333	ELEC-8.1.67	100	Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 25 & 35 Sqmm Cable. (SOR-2014-15-ELEC-8.1.67)	382
1334	ELEC-8.1.68	100	Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 50 Sqmm Cable. (SOR-2014-15-ELEC-8.1.68)	545
1335	ELEC-8.1.69	100	Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 70 & 95 Sqmm Cable. (SOR-2014-15-ELEC-8.1.69)	605
1336	ELEC-8.1.70	100	Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 120 to 185 Sqmm Cable. (SOR-2014-15-ELEC-8.1.70)	726
1337	ELEC-8.1.71	100	Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 240 & 300 Sqmm Cable. (SOR-2014-15-ELEC-8.1.71)	908
1338	ELEC-8.1.72	100	Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 400 Sqmm Cable. (SOR-2014-15-ELEC-8.1.72)	1210
1339	ELEC-8.1.73	100	Nos	Supply and fixing of Anchor fastner with fan hook / Providing MS Fan hook with grouting and cement plastering. (SOR-2014-15-ELEC-8.1.73)	88
				LABOUR RATES	0
1340	ELEC-8.1.74	1	No	Skilled Electrician. (SOR-2014-15-ELEC-8.1.74)	440
1341	ELEC-8.1.75	1	No	Semi Skilled Electrician / Lineman. (SOR-2014-15-ELEC-8.1.75)	375
1342	ELEC-8.1.76	1	No	Skilled Mason. (SOR-2014-15-ELEC-8.1.76)	385
1343	ELEC-8.1.77	1	No	Semi Skilled Mason. (SOR-2014-15-ELEC-8.1.77)	345
1344	ELEC-8.1.78	1	No	Skilled Welder. (SOR-2014-15-ELEC-8.1.78)	385
1345	ELEC-8.1.79	1	No	Semi Skilled Welder . (SOR-2014-15-ELEC-8.1.79)	0
1346	ELEC-8.1.80	1	No	Skilled Fitter. (SOR-2014-15-ELEC-8.1.80)	385
1347	ELEC-8.1.81	1	No	Semi Skilled Fitter. (SOR-2014-15-ELEC-8.1.81)	345
1348	ELEC-8.1.82	1	No	Helper (Electrical). (SOR-2014-15-ELEC-8.1.82)	345
1349	ELEC-8.1.83	1	No	Skilled Carpenter. (SOR-2014-15-ELEC-8.1.83)	385
1350	ELEC-8.1.84	1	No	Semi Skilled Carpenter. (SOR-2014-15-ELEC-8.1.84)	345
1351	ELEC-8.1.85	1	No	Man Mazdoor. (SOR-2014-15-ELEC-8.1.85)	295
1352	ELEC-8.1.86	1	No	DG Set operator/Air Compressor. (SOR-2014-15-ELEC-8.1.86)	385
1353	ELEC-8.1.87	1	No	2nd Class DG Set operator/Air Com. (SOR-2014-15-ELEC-8.1.87)	345
1354	ELEC-8.1.88	1	No	Plumber (Licensed)/Pipe Fitter. (SOR-2014-15-ELEC-8.1.88)	440
1355	ELEC-8.1.89	1	No	Painter Class -2 . (SOR-2014-15-ELEC-8.1.89)	345
1356	ELEC-8.1.90	1	No	Diploma Engineer / Surveyor. (SOR-2014-15-ELEC-8.1.90)	550
1357	ELEC-8.1.91	1	No	Graduate Engineer. (SOR-2014-15-ELEC-8.1.91)	735
1358	ELEC-8.1.92	1	No	ITI Certificate holder. (SOR-2014-15-ELEC-8.1.92)	440
1359	ELEC-8.1.93	1	No	Stenographer / Computer Operator. (SOR-2014-15-ELEC-8.1.93)	485
	9.1			WIRELESS FIRE ALARAM SYSTEM	

1	2	3		4	5
1360	ELEC-9.1.1	1	No	Supply and fixing of wireless smoke detection control panel of 28 wireless zones, 2 Hard wired Zones, Tamper Alert, Pass code protected, RF jamming recognition, diagnostic feature for RF signal strength between panel and each detector, vent reporting using PSTN telephone line, dialing upto 4 telephone numbers, event reporting as per users choice, LCD screen display, two way voice interaction, battery backup stand by time up to 12 hrs. (Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.1.1)	36056.205
1361	ELEC-9.1.2	1	No	Supply and fixing of Wireless Repeater.The wireless repeater extends the communication range of detection by relaying data between receiver and remote wireless transmitter. (Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.1.2)	8516.655
1362	ELEC-9.1.3	1	No	Supply and fixing of Wireless Siren Strobe external wireless siren - a fully supervised power code outdoor (IP55) wireless Siren and strobe light. Designed for external installation. Wire - Free connection between control panel and siren. Convenient rapid no- mess installation. Separate fire alarm signals, 98db Piezo siren and high power strobe light. Weather resistant, IP55, 2-way communication for local and remote diagnostics. Plug-in power supply, NIMH rechargeable back-up power battery, transmits status, tamper, low- battery, supervisory and AC loss messages to the control panel, Tri- State tamper switch identifies screw manipulation removal of cover or playing from the wall.(Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.1.3)	11923.83
1363	ELEC-9.1.4	1	No	Supply and fixing of wireless Fully Supervised Smoke Detector, Photoelectric detection technology for superior detection sensitivity , sound and transmitted for smoke, tamper and low battery, works on power code protocol, easy programming and enrolling to the control panel, long life 9 volt alkaline or lithium battery. (Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.1.4)	5961.915
9.2				ADDRESSABLE - FIRE ALARM SYSTEM	

1	2	3		4	5
1364	ELEC-9.2.1	1	No	Supply, Installation, testing and commissioning of wall mounting 10 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 10 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.1)	588881.25
1365	ELEC-9.2.2	1	No	Supply, Installation, testing and commissioning of wall mounting 10 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 10 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.2)	548268.75

1	2	3		4	5
1366	ELEC-9.2.3	1	No	Supply, Installation, testing and commissioning of wall mounting 8 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 8 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.3)	426431.25
1367	ELEC-9.2.4	1	No	Supply, Installation, testing and commissioning of wall mounting 8 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 8 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.4)	381757.5

1	2	3		4	5
1368	ELEC-9.2.5	1	No	Supply, Installation, testing and commissioning of wall mounting 6 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 6 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.5)	393941.25
1369	ELEC-9.2.6	1	No	Supply, Installation, testing and commissioning of wall mounting 6 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 6 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.6)	353328.75

1	2	3		4	5
1370	ELEC-9.2.7	1	No	Supply, Installation, testing and commissioning of wall mounting 4 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 4 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.7)	263981.25
1371	ELEC-9.2.8	1	No	Supply, Installation, testing and commissioning of wall mounting 4 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 4 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.8)	235552.5

1	2	3		4	5
1372	ELEC-9.2.9	1	No	Supply, Installation, testing and commissioning of wall mounting 2 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 2 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.9)	223368.75
1373	ELEC-9.2.10	1	No	Supply, Installation, testing and commissioning of wall mounting 2 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 2 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.10)	199001.25

1	2	3		4	5
1374	ELEC-9.2.11	1	No	Supply, Installation, testing and commissioning of wall mounting 1 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 1 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.11)	203062.5
1375	ELEC-9.2.12	1	No	Supply, Installation, testing and commissioning of wall mounting 1 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 1 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.12)	178695
1376	ELEC-9.2.13	1	No	Supply, Installation, testing and commissioning of intellegent analogue addressable Repeater panel including the cost of mounting accessories complete as per specification as required. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.13)	101531.25
1377	ELEC-9.2.14	1	No	Supply, Installation, testing and commissioning of intellegent analogue addressable Repeater panel including the cost of mounting accessories complete as per specification as required. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.14)	90972

1	2	3	4	5	
1378	ELEC-9.2.15	1	No	Supply and fixing of addressable wall mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required including testing and commissioning. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.15)	5483.115
1379	ELEC-9.2.16	1	No	Supply and fixing of addressable wall mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required including testing and commissioning. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.16)	4873.5
1380	ELEC-9.2.17	1	No	Supply and installation of addressable analogue manual call point with resetable flexible element to initiate alarm including the cost of mounting accessories etc. complete. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.17)	5320.665
1381	ELEC-9.2.18	1	No	Supply and installation of addressable analogue manual call point with resetable flexible element to initiate alarm including the cost of mounting accessories etc. complete. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.18)	4792.275
1382	ELEC-9.2.19	1	No	Supply and instllation of intallegent analogue addressable photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.19)	5442.075
1383	ELEC-9.2.20	1	No	Supply and instllation of intallegent analogue addressable photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.20)	4873.5
1384	ELEC-9.2.21	1	No	Supply and installation of intallegent analogue addressable rate of rise cum fixed temperature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.21)	4325.445
1385	ELEC-9.2.22	1	No	Supply and installation of intallegent analogue addressable rate of rise cum fixed temperature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.22)	3898.8
1386	ELEC-9.2.23	1	No	Supply and installation of intalligent analogue addressable multi criterion detectors below false ceiling/on ceiling including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.23)	5279.625

1	2	3	4	5	
1387	ELEC-9.2.24	1	No	Supply and installation of intelligent analogue addressable multi criterion detectors below false ceiling/on ceiling including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.24)	4752.09
1388	ELEC-9.2.25	1	No	Supply and Installation of Intelligent analogue addressable Control Modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.25)	4467.375
1389	ELEC-9.2.26	1	No	Supply and Installation of Intelligent analogue addressable Control Modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.26)	3980.025
1390	ELEC-9.2.27	1	No	Supply and Installation of Intelligent analogue addressable monitor modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.27)	4467.375
1391	ELEC-9.2.28	1	No	Supply and Installation of Intelligent analogue addressable monitor modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.28)	3980.025
1392	ELEC-9.2.29	1	No	Supply and Installation of Intelligent analogue addressable fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required. (Makes: Notifier / Edwards). (SOR-2014-15-ELEC-9.2.29)	3655.125
1393	ELEC-9.2.30	1	No	Supply and Installation of Intelligent analogue addressable fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required. (Makes: Siemens / Morley / Bosch). (SOR-2014-15-ELEC-9.2.30)	3249
	9.3			CONVENTIONAL - FIRE ALARM SYSTEM	
1394	ELEC-9.3.1	1	No	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 2 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.1)	6412.5
1395	ELEC-9.3.2	1	No	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 4 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.2)	7695
1396	ELEC-9.3.3	1	No	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 6 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.3)	10687.5

1	2	3	4	5	
1397	ELEC-9.3.4	1	No	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 8 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.4)	12397.5
1398	ELEC-9.3.5	1	No	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 10 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.5)	15817.5
1399	ELEC-9.3.6	1	No	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 12 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.6)	17527.5
1400	ELEC-9.3.7	1	No	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 14 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.7)	21375
1401	ELEC-9.3.8	1	No	Supply and installation of Repeater panel including the cost of mounting accessories complete as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.8)	10687.5
1402	ELEC-9.3.9	1	No	Supply and installation of duel tone electronic hooter of 85dB including the cost of mounting accessories complete as per specifications and as required.. (SOR-2014-15-ELEC-9.3.9)	577.125
1403	ELEC-9.3.10	1	No	Supply and installation of dust and vermin proof manual call point to initiate audio visual alarm including the cost of mounting accessories complete as per specifications and as required.. (SOR-2014-15-ELEC-9.3.10)	555.75
1404	ELEC-9.3.11	1	No	Supply and installation of response indicators for above false ceiling detectors.. (SOR-2014-15-ELEC-9.3.11)	128.25
1405	ELEC-9.3.12	1	No	Supply and installation of plug - in type multi criterion detectors including the cost of base plate. 75mm dia M.S. outlet box for fixing of the detector base. Mounting accessories etc., complete as per specifications as required. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.12)	1539
1406	ELEC-9.3.13	1	No	Supply and installation of plug -in type photo electric smoke detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base. Mounting accessories etc complete and as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.13)	1496.25

1	2	3		4	5
1407	ELEC-9.3.14	1	No	Supply and installation of plug -in type rate of rise cum fixed temperature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle). (SOR-2014-15-ELEC-9.3.14)	1453.5
	9.4			FIRE EXTINGUISHERS	
1408	ELEC-9.4.1	1	No	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, 10 kg capacity, ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-90 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, Insta Alert facility, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 5 years warranty (Cease Fire / Minimax make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.1)	7702.695
1409	ELEC-9.4.2	1	No	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, 10 kg capacity, ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-50 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 2 years warranty (Safex / Kenex / Bharat / Reliance make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.2)	5466.87
1410	ELEC-9.4.3	1	No	Supply and fixing of ISI make ABC Power MAP 5 Kg Fire extinguisher Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Minimax make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.3)	5267.655

1	2	3		4	5
1411	ELEC-9.4.4	1	No	Supply and fixing of ISI make ABC Power MAP 5 Kg Fire extinguisher Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty (Safex / Kenex / Bharat / Reliance make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.4)	3403.755
1412	ELEC-9.4.5	1	No	Supply and fixing of ISI make ABC Power MAP 2 Kg Fire extinguisher Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Minimax make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.5)	3541.41
1413	ELEC-9.4.6	1	No	Supply and fixing of ISI make ABC Power MAP 2 Kg Fire extinguisher Mono ammonium phosphate power 50, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty (Safex / Kenex / Bharat / Reliance make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.6)	2302.515

1	2	3		4	5
1414	ELEC-9.4.7	1	No	Supply and fixing of ISI make Ceiling Mounted ABC MAP 90, 5 Kg stored pressure type, pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyester powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, Insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Minimax make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.7)	5664.375
1415	ELEC-9.4.8	1	No	Supply and fixing of ISI make Ceiling Mounted ABC MAP 50, 5 Kg stored pressure type, pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyester powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, ISI & EN approved with 2 years warranty (Safex / Kenex / Bharat / Reliance make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.8)	4564.845
1416	ELEC-9.4.9	1	No	Supply and fixing of 2 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 3.6Kg empty weight 1.6 Kg, can weight 341mm, Diameter 108mm, discharge time minimum 6 secs, controllable discharge mechanism, range minimum 2 meters, applicable on class A,B,C and electrically started Fire, A rating 5A, B rating 34B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyester powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.(Makes: Ceasefire / Minimax) (SOR-2014-15-ELEC-9.4.9)	11858.85

1	2	3	4	5	
1417	ELEC-9.4.10	1	No	Supply and fixing of 4 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 6.9Kg empty weight 2.9 Kg, can weight 435mm, Diameter 140mm, discharge time minimum 9 secs, controllable discharge mechanism, range minimum 4 meters, applicable on class A,B,C and electrically started Fire, A rating 8A, B rating 55B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyster powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.(Makes: Ceasefire / Minimax) (SOR-2014-15-ELEC-9.4.10)	20874.825
1418	ELEC-9.4.11	1	No	Supply and fixing of Co2 type Fire Extinguishers 4.5 Kg capacity confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty (Cease Fire / Minimax make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.11)	8516.655
1419	ELEC-9.4.12	1	No	Supply and fixing of Co2 type Fire Extinguishers 4.5 Kg capacity confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty (Safex / Kenex / Bharat / Reliance make) Including transportation, all taxes and all labour charges etc complete. (SOR-2014-15-ELEC-9.4.12)	6384.285
1420	ELEC-9.4.13	1	No	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 2 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. (Makes: Minimax / Safex / Kenex / Reliance) (SOR-2014-15-ELEC-9.4.13)	1795.5
1421	ELEC-9.4.14	1	No	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 5 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. (Makes: Minimax / Safex / Kenex / Reliance) (SOR-2014-15-ELEC-9.4.14)	2650.5

1	2	3	4	5	
1422	ELEC-9.4.15	1	No	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 10 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. (Makes: Minimax / Safex / Kenex / Reliance) (SOR-2014-15-ELEC-9.4.15)	3505.5
1423	ELEC-9.4.16	1	No	Supply and fixing of Escape signage boards in Rigid Photo luminescent based glow in Dark rigid sheet with high intensity luminous properties with specification of Cease Fire or its equivalent make Model-1ES01 (SOR-2014-15-ELEC-9.4.16)	1111.5
1424	ELEC-9.4.17	1	No	Supply and fixing of Cease fire or its equivalent Escape gear Mild Steel box size 425mmx360mmx140mm Epoxy powder coated to protect it from Weathering , smoke hood tested to European Standard EN 403 1993-S known to reduce Carbon Monoxide, propend(acrolein), hydrogen chloride, hydrogen Cyanide and Solid and liquid toxic particles to manageable level for atleast 15 minutes shall with stand temperatures upto 80 degrees single use only Fire Blanket size 1.2m x1.8m used to cover any vessel containing used to Extinguish a clothing fire wrap blanket around the victim. (SOR-2014-15-ELEC-9.4.17)	12833.55
1425	ELEC-9.4.18	1	Set	Supply and fixing of 4Nos of 9 Ltrs capacity round bottom sand buckets along with bucket sand, Fire buckets with round bottom type enamel painted, white inside & red out side and letter FIRE in black out side & Handle with mounting bracket. (SOR-2014-15-ELEC-9.4.18)	1026
1426	ELEC-9.4.19	1	Set	Supply and fixing of Fire bucket stand fabricated by M.S. angles to install for two numbers of buckets as per local fire officers standards. (SOR-2014-15-ELEC-9.4.19)	855
	9.5			FIRE HYDRANT AND SPRINKLER SYSTEM	
1427	ELEC-9.5.1	1	Set	Supplying, installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following complete in all respect as required. (SOR-2014-15-ELEC-9.5.1)	302670
				a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of 1620 lpm at 56 Mtr. head conforming to IS 1520	
				b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class 'F' insulation, conforming to IS-325	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	

1	2	3	4	5	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar		
1428	ELEC-9.5.2	1	Set	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.2)	333450
				a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 70 Mtr. head conforming to IS 1520	
				b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class 'F' insulation, conforming to IS-325	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
				d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar	
1429	ELEC-9.5.3	1	Set	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.3)	325872
				a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of 2850 lpm at 70 Mtr. head conforming to IS 1520	
				b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class 'F' insulation, conforming to IS-325	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
				d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar	
1430	ELEC-9.5.4	1	Set	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.4)	400140

1	2	3	4	5
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of 1620 lpm at 56 Mtr head conforming to IS 1520	
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt	
1431	ELEC-9.5.5	1 Set	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.5)	579690
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 70 Mtr head conforming to IS 1520	
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt	

1	2	3	4	5
1432	ELEC-9.5.6	1 Set	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.6)	651510
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of 2850 lpm at 70 Mtr head conforming to IS 1520	
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick alluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt	
1433	ELEC-9.5.7	1 Set	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.7)	229781.25
			a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 171 Cum/hr (2850 LPM) at total head 70 M at operating speed 2900 rpm. Pump duty as per TAC	
			b) 55 KW / 75 HP, 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/- 5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar	

1	2	3	4	5	
1434	ELEC-9.5.8	1	Set	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.8)	475593.75
				a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 171 Cum/hr(2850 LPM) at a total head of 70 M when operated at 1800 rpm and pump duty as per TAC	
				b) Liquid cooled, 85 BHP at 1800 rpm, diesel engine (Radiator cooled) 12 Volts starting system with standard accessories	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
				d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt	
1435	ELEC-9.5.9	1	Set	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.9)	187031.25
				a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 137 Cum/hr (2280 LPM) at total head 70 mwc at operating speed 2900 rpm. Pump duty as per TAC	
				b) 45 KW / 60 HP, 3000 srpm, TEFC (IP55) Horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/- 5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 225 M frame	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
				d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar	
1436	ELEC-9.5.10	1	Set	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.10)	379406.25
				a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 137 Cum/hr(2280 LPM) at a total head of 70 M when operated at 2150 rpm and pump duty as per TAC	
				b) Liquid cooled, 68 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories	

1	2	3	4	5
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt	
1437	ELEC-9.5.11	1 Set	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.11)	137868.75
			a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 97 Cum/hr (1620 LPM) at total head 56 mwc at operating speed 2900 rpm. Pump duty as per TAC	
			b) 30 KW / 40 HP, 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/- 5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar	
1438	ELEC-9.5.12	1 Set	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.12)	331312.5
			a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 97 Cum/hr(1620 LPM) at a total head of 56 M when operated at 2150 rpm and pump duty as per TAC	
			b) Liquid cooled, 50 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt	
1439	ELEC-9.5.13	1 Set	Supplying , installation , testing and commissioning of electric driven pressurisation / Jockey pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.13)	47025

1	2	3	4	5
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 180 lpm at 56 Mtr head conforming to IS 1520	
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps : Kirloskar / Mather&Platt. Makes of Motors : Siemens/ ABB/ Kirloskar	
1440	ELEC-9.5.14	1	Set	66570.3
			Supplying , installation , testing and commissioning of electric driven pressurisation / Jockey pump suitable for automatic operation and consisting of following : complete in all respect as required (SOR-2014-15-ELEC-9.5.14)	
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 180 lpm at 70 Mtr head conforming to IS 1520	
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps : Kirloskar / Mather&Platt. Makes of Motors : Siemens/ ABB/ Kirloskar	
1441	ELEC-9.5.15	1	Set	53394.75
			Supplying , installation , testing and commissioning of electric driven Terrace / Booster pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.15)	
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 900 lpm at 45 Mtr head conforming to IS 1520	
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325	
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
			d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps : Kirloskar / Mather&Platt. Makes of Motors : Siemens / ABB / Kirloskar	

1	2	3	4	5	
1442	ELEC-9.5.16	1	Set	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.16)	41382
				a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 900 lpm at 45 Mtr head conforming to IS 1520	
				b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 9.3 KW / 12.5HP, 2 pole, TEFC, 415 V, 3ph motor	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
				d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar	
1443	ELEC-9.5.17	1	Set	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.17)	39539.475
				a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 750 lpm at 35 Mtr head conforming to IS 1520	
				b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 7.5 KW / 10 HP, 2 pole, TEFC, 415 V, 3ph motor	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
				d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar	
1444	ELEC-9.5.18	1	Set	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required. (SOR-2014-15-ELEC-9.5.18)	36373.41
				a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 450 lpm at 35 Mtr head conforming to IS 1520	
				b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 5 KW / 7.5 HP, 2 pole, TEFC, 415 V, 3ph motor	
				c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	
				d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar	

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			Providing , laying, testing & Commissioning of following classes MS pipes conforming to IS 3589 and 1239 including fittings like elbows, tees, flanges, tapers, nuts, bolts, gaskets etc., complete. Makes: Jindal / Hissar / Tata pipes	
1445	ELEC-9.5.19	1	Mtr (a) 250 mm dia	2774.475
1446	ELEC-9.5.20	1	Mtr (b) 200 mm dia 'C' Class	2744.55
1447	ELEC-9.5.21	1	Mtr (c) 200 mm dia 'B' Class	2394
1448	ELEC-9.5.22	1	Mtr (d) 150 mm dia 'C' Class	2052
1449	ELEC-9.5.23	1	Mtr (e) 150 mm dia 'B' Class	1650.15
1450	ELEC-9.5.24	1	Mtr (f) 100 mm dia 'C' Class	1295.325
1451	ELEC-9.5.25	1	Mtr (g) 100 mm dia 'B' Class	1090.125
1452	ELEC-9.5.26	1	Mtr (h) 80 mm dia 'C' Class	855
1453	ELEC-9.5.27	1	Mtr (i) 80 mm dia 'B' Class	765.225
1454	ELEC-9.5.28	1	Mtr (j) 65 mm dia 'C' Class	641.25
1455	ELEC-9.5.29	1	Mtr (k) 65 mm dia 'B' Class	577.125
1456	ELEC-9.5.30	1	Mtr (l) 50 mm dia 'C' Class	513
1457	ELEC-9.5.31	1	Mtr (m) 50 mm dia 'B' Class	453.15
1458	ELEC-9.5.32	1	Mtr (n) 40 mm dia	437.76
1459	ELEC-9.5.33	1	Mtr (o) 32 mm dia 'C' Class	342
1460	ELEC-9.5.34	1	Mtr (p) 32 mm dia 'B' Class	282.15
1461	ELEC-9.5.35	1	Mtr (q) 25 mm dia 'C' Class	256.5
1462	ELEC-9.5.36	1	Mtr (r) 25 mm dia 'B' Class	230.85
1463	ELEC-9.5.37	1	No Supplying and fixing single headed Internal / External hydrant valve with instantaneous Gun metal couplings of 63mm dia with Cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gun Metal cap and chain as required. Makes: Audco / Kirloskar / BDK /H Shankar/ Leader/ Zolotto / Intervalve. (SOR-2014-15-ELEC-9.5.37)	6946.875
			Supplying, fixing, testing and commissioning of butterfly valve PN 1.6, with Bronze / Gun metal seat duly ISI marked complete with Nuts, Bolts, Washers, gaskets, conforming to IS 13095 of following sizes as required. Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervalve.	
1464	ELEC-9.5.38	1	No (a) 250 mm . dia	10708.875
1465	ELEC-9.5.39	1	No (b) 200 mm . dia	4531.5
1466	ELEC-9.5.40	1	No (c) 150 mm dia	3719.25
1467	ELEC-9.5.41	1	No (d) 100 mm dia	2907
1468	ELEC-9.5.42	1	No (e) 80 mm dia	2650.5
			Providing, installation, testing and commissioning of dual plate non - return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervalve.	
1469	ELEC-9.5.43	1	No (a) 200 mm dia	4275
1470	ELEC-9.5.44	1	No (b) 150 mm dia	3420
1471	ELEC-9.5.45	1	No (c) 100 mm dia	3184.875
1472	ELEC-9.5.46	1	No (d) 80 mm dia	2992.5
1473	ELEC-9.5.47	1	No (e) 50 mm dia	1473.165

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			Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation, CED and taxes etc., complete. Operation done with worm actuator ISI marked Rate at Ex-Factory Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervolve.	
1474	ELEC-9.5.48	1 No	(a) 250 mm . dia	14540.985
1475	ELEC-9.5.49	1 No	(b) 200 mm . dia	10130.895
1476	ELEC-9.5.50	1 No	(c) 150 mm dia	6524.505
1477	ELEC-9.5.51	1 No	(d) 100 mm dia	4350.24
1478	ELEC-9.5.52	1 No	(e) 80 mm dia	3259.26
1479	ELEC-9.5.53	1 No	(f) 50 mm dia	2622.285
			Providing, installation, testing and commissioning of gun metal valves of following sizes as required. Make: Newage/ Winco/ Padmini	
1480	ELEC-9.5.54	1 No	(a) 50 mm dia	1496.25
1481	ELEC-9.5.55	1 No	(b) 40 mm dia	1197
1482	ELEC-9.5.56	1 No	(c) 32 mm dia	1068.75
1483	ELEC-9.5.57	1 No	Supplying and fixing 63mm dia, 15 mtr long RRL hose pipe with 63mm dia Male and Female Gun metal / SS couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Make: Newage/ Winco/ Padmini. (SOR-2014-15-ELEC-9.5.57)	5249.7
1484	ELEC-9.5.58	1 No	Supplying and fixing 63mm dia, 15 mtr long CP hose pipe with 63mm dia Male and Female Gun metal / SS couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Make: Newage/ Winco/ Padmini. (SOR-2014-15-ELEC-9.5.58)	4711.05
1485	ELEC-9.5.59	1 No	Supplying and fixing First -Aid Hose Reel with MS construction spray painted in Post office Red, Conforming to Is 884 with upto date amendments, complete with the following as required. (SOR-2014-15-ELEC-9.5.59)	6412.5
			a) 36.6 Mtr Long 20mm (Nominal internal) dia water hose Thermoplastic / Textile reinforced / Rubber braided / Polypropylene Type - 2 as per IS:12585 Make: Eversafe/ Reliance/ Newage/ SRI	
			b) 20mm (Nominal internal) dia gun metal globe valve and nozzle. Make: Newage/ Winco/ Padmini	
			c) Drum and brackets for fixing the equipments on wall.	
			d) Connections from riser with 25mm dia stop valve (gun metal) & MS pipe.	

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1486	ELEC-9.5.60	1	No	Supplying and fixing of hose cabinet of size 750mm X 600mm x 250mm made of No 16 gauge SWG CRCA sheet with 6mm thick glazed glass door including necessary locking arrangement suitable to accommodate 2 Nos 15 mtr long Hose pipe, 1 No branch pipe, mounted on wall OR raised brick platform and duly painted with Post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required. (SOR-2014-15-ELEC-9.5.60)	2778.75
1487	ELEC-9.5.61	1	No	Supply and fixing 63mm dia Gun metal branch pipe with 20mm (Nominal internal diameter) size Gun metal / SS nozzle conforming to IS 903, suitable for instantaneous connection to interconnect hose pipe coupling as required. Make: Newage/ Winco/ Padmini (SOR-2014-15-ELEC-9.5.61)	2163.15
1488	ELEC-9.5.62	1	No	Supply and fixing 4 way fire brigade connection of cast iron body with 4 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 150mm dia MS pipe connection, conforming to IS 904 as required. (SOR-2014-15-ELEC-9.5.62)	7780.5
1489	ELEC-9.5.63	1	No	Supply and fixing 2 way fire brigade connection of cast iron body with 2 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 100mm dia MS pipe connection, conforming to IS 904 as required. (SOR-2014-15-ELEC-9.5.63)	5899.5
1490	ELEC-9.5.64	1	No	Supply and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25mm dia Gun metal wheel valve, with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required. (SOR-2014-15-ELEC-9.5.64)	13680
1491	ELEC-9.5.65	1	No	Providing fixing, testing and commissioning of 15mm size quartzoid bulb type sprinklers of rating 68° C. pendent / side wall with required accessories. Makes: HD / TYCO / VIKING / NEWAGE/ SHARP. (SOR-2014-15-ELEC-9.5.65)	418.95
1492	ELEC-9.5.66	1	No	Providing and fixing of Pressure Switch in the MS pipe Line including connection etc as required. Make : Danfoss / Indfoss / Approved. (SOR-2014-15-ELEC-9.5.66)	2137.5
1493	ELEC-9.5.67	1	No	Providing and fixing Flow Switches in 100mm dia MS pipe. Makes : System Sensor / Switzer / Approved. (SOR-2014-15-ELEC-9.5.67)	4595.625
1494	ELEC-9.5.68	1	No	Providing and fixing Flow Switches in 150 mm dia MS pipe. Makes : System Sensor / Switzer / Approved. (SOR-2014-15-ELEC-9.5.68)	6412.5

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1495	ELEC-9.5.69	1	No	Supply, installation, testing and commissioning of Bourden type, stainless steel dial type pressure gauge with isolation valve and pipe having calibration of 0-16 kg/cm ² . MAKE: HGURU / FIEBIG and Approved. (SOR-2014-15-ELEC-9.5.69)	577.125
1496	ELEC-9.5.70	1	No	Supply, installation, testing and commissioning of 25mm dia Gate valve Makes : Zoloto / Leader / Approved. (SOR-2014-15-ELEC-9.5.70)	1004.625
1497	ELEC-9.5.71	1	No	Supply, installation, testing and commissioning of 25mm dia Ball valve Makes : Zoloto / Leader / Approved. (SOR-2014-15-ELEC-9.5.71)	555.75
1498	ELEC-9.5.72	1	No	Supply, installation, testing and commissioning of 25 / 20mm dia Air Release Valve. (SOR-2014-15-ELEC-9.5.72)	1068.75
1499	ELEC-9.5.73	1	No	Providing, fixing, testing, commissioning of installation control valve of Cast iron body and brass / Bronze working parts comprising of water, motor alarm, bronze seat clapper, and clapper arm, hydraulically driven mechanical gong bell to sound continuous alarm when the Wet riser / Sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass , test control box, ball valves, Ms pipe of required size, flanges, orifice plate, gasket etc of size 150mm dia as required. Makes : HD / TYCO / NEWAGE. (SOR-2014-15-ELEC-9.5.73)	8122.5
				Supplying, installing, testing and commissioning approved make CI body Foot Valve with brass strainer with necessary flanges, nuts and bolts etc., complete on to the suction line.Rate as per the lowest quotation of Bharat Fire Safety Engineers. Makes: Normex & approved makes	
1500	ELEC-9.5.74	1	No	a) 200mm nominal dia	21195.45
1501	ELEC-9.5.75	1	No	b) 150mm nominal dia	11354.4
1502	ELEC-9.5.76	1	No	c) 100mm nominal dia	6369.75
1503	ELEC-9.5.77	1	No	d) 80mm nominal dia	4360.5
1504	ELEC-9.5.78	AS per Civil SSR		Supply and laying of 300mm dia NP2 RCC Hume pipe with Collars for Road crossings. (SOR-2014-15-ELEC-9.5.78)	
				Supplying and wrapping the anticorrosive material for buried pipes with coating of Primer and wrapping with 4 mm thick polymer corrosion resistant tape as per IS : 10221 with 15 mm overlap as per specificatios.	
1505	ELEC-9.5.79	1	Mtr	a) 150mm nominal dia	38.475
1506	ELEC-9.5.80	1	Mtr	b) 100mm nominal dia	34.2
1507	ELEC-9.5.81	1	Mtr	c) 80mm nominal dia	25.65

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1508	ELEC-9.5.82	1 Kg	Supply, fabricating , installing structural steel supports for fixing all sizes of MS pipes from ceiling / wall with MS Channels, Angles, Flats, Rods, as required at site with anchor fasteners, Clamps, threaded rods, nuts, bolts, washers etc complete with painting. (SOR-2014-15-ELEC-9.5.82)	51.3
1509	ELEC-9.5.83	1 Mtr	Supply of 4 Core x 1.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells. (SOR-2014-15-ELEC-9.5.83)	94.05
1510	ELEC-9.5.84	1 Mtr	Supply of 4 Core x 2.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells. (SOR-2014-15-ELEC-9.5.84)	128.25
1511	ELEC-9.5.85	1 Mtr	Supply of 8 Core x 2.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells. (SOR-2014-15-ELEC-9.5.85)	215.46
1512	ELEC-9.5.86	1 Mtr	Supply of 10 Core x 1.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells. (SOR-2014-15-ELEC-9.5.86)	182.97
	10.1		GENERATORS SPECIFICATION	
			Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.	
			A. Alternator : Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP23.	

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				<p>B. Diesel Engine : Kirloskar / Cummins / Mahindra & Mahindra Diesel Engine start, developing suitable ----- BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - -KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc.</p> <p>01. Exhaust pipe of required size and length with insulation or clading.</p> <p>02. Diesel tank suitable for 8 to 12 Hours running capacity.</p> <p>03. Residential Silencer.</p> <p>04. SMF Batteries with leads as per the Manufacturer standards</p>	
1513	ELEC-10.1.1	1	No	15KVA, 3 Phase, 415, 50Hz, 19BHP, water cooled multi cylinder diesel generator set with alternator of 15 KVA out put continous rating at 0.8 p.f, Batteries. (SOR-2014-15-ELEC-10.1.1)	366581.25
1514	ELEC-10.1.2	1	No	30KVA, 3 Phase, 415, 50Hz, 40 to 42 BHP, water cooled multi cylinder diesel generator set with alternator of 30KVA out put continous rating at 0.8 p.f, Batteries. (SOR-2014-15-ELEC-10.1.2)	471318.75
1515	ELEC-10.1.3	1	No	40KVA, 3 Phase, 415, 50Hz, 56BHP, water cooled multi cylinder diesel generator set with alternator of 40 KVA out put continous rating at 0.8 p.f, and Batteries. (SOR-2014-15-ELEC-10.1.3)	586530
				Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.	
				<p>A. Alternator : Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP21.</p>	

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				<p>B.Diesel Engine : Kirloskar / Cummins / Mahindra & Mahindra Diesel Engine start, developing suitable ----- BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - -KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc.</p> <p>01. Exhaust pipe of required size and length with insulation or clading.</p> <p>02. Diesel tank suitable for 8 to 12 Hours running capacity.</p> <p>03. Residential Silencer.</p> <p>04. SMF Batteries with leads as per the Manufacturer standards</p>	
				<p>C. AMF Control Panel:- AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following.</p> <p>01. Voltmeter with selector switch.</p> <p>02. 4 Pole MCCB incomer of -----A rating of Schenieder / L&T make for EB and DG .</p> <p>03. Ammeter with selector switch with CTs.</p> <p>04. PF Meter and frequency Meter.</p> <p>05. Indicator lamps (set Run, Load ON) with fuses.</p> <p>06. KWH Meter of required rating.</p> <p>07. Set of control fuses and current transformer.</p> <p>08. Input Terminal board and output Terminal Board.</p> <p>09. Battery charger with transformer rectifier unit.</p> <p>10. Alternator supply air break contactor of L&T make.</p> <p>11. Main supply air break contactor of L&T make.</p> <p>12. Audio Visual annunciation .</p> <p>13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.</p> <p>14. Control cable up to 15 Mtrs 2.5Sqmm 6 Core</p>	
1516	ELEC-10.1.4	1	No	63.00KVA, 3 Phase, 415, 50Hz, 78 to 83BHP, water cooled multi cylinder diesel generator set with alternator of 63KVA out put continous rating at 0.8 p.f, and Batteries. (SOR-2014-15-ELEC-10.1.4)	636693.75
1517	ELEC-10.1.5	1	No	125KVA, 3 Phase, 415, 50Hz, 154BHP, water cooled multi cylinder diesel generator set with alternator of 125 KVA out put continous rating at 0.8 p.f, and Batteries. (SOR-2014-15-ELEC-10.1.5)	864084.375

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			<p>Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.</p>	
			<p>A. Alternator : Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 or latest version with regulation of +5% from no load to full load. degree of protections shall be IP23.</p>	
			<p>B.Diesel Engine : Kirloskar / Cummins / Catterpillar Diesel Engine start, developing suitable ----- BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - - KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc.</p> <p>01. Exhaust pipe of required size and length with insulation or clading.</p> <p>02. Diesel tank suitable for 8 to 12 Hours running capacity.</p> <p>03. Residential Silencer.</p> <p>04. SMF Batteries with leads as per the Manufacturer standards</p>	

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			<p>C. AMF Control Panel:- AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following.</p> <p>01. Voltmeter with selector switch. 02. 4 Pole MCCB incomer of -----A rating of Schenieder / L&T make for EB and DG . 03. Ammeter with selector switch with CTs. 04. PF Meter and frequency Meter. 05. Indicator lamps (set Run, Load ON) with fuses. 06. KWH Meter of required rating. 07. Set of control fuses and current transformer. 08. Input Terminal board and output Terminal Board. 09. Battery charger with transformer rectifier unit. 10. Alternator supply air break contactor of L&T make. 11. Main supply air break contactor of L&T make. 12. Audio Visual annunciation . 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons. 14. Control cable up to 15 Mtrs 2.5Sqmm 6 Core 14. Control cable up to 15 Mtrs 2.5Sqmm 6 Core</p>		
1518	ELEC-10.1.6	1	No	160KVA, 3 Phase, 415, 50Hz, 200BHP, water cooled multi cylinder diesel generator set with alternator of 160 KVA out put continous rating at 0.8 p.f, and Batteries. (SOR-2014-15-ELEC-10.1.6)	1182431.25
1519	ELEC-10.1.7	1	No	250KVA, 3 Phase, 415, 50Hz, 310BHP, water cooled multi cylinder diesel generator set with alternator of 250 KVA out put continous rating at 0.8 p.f, and Batteries. (SOR-2014-15-ELEC-10.1.7)	1819125
1520	ELEC-10.1.8	1	No	320KVA, 3 Phase, 415, 50Hz, 380BHP, water cooled multi cylinder diesel generator set with alternator of 45 KVA out put continous rating at 0.8 p.f, and Batteries. (SOR-2014-15-ELEC-10.1.8)	2364862.5
	11.1			UPS SYSTEMS	
1521	ELEC-11.1.1	1	No	Supply and installation of 800VA, 12VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha. (SOR-2014-15-ELEC-11.1.1)	7837.5
1522	ELEC-11.1.2	1	No	Supply and installation of 1400VA, 24VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha. (SOR-2014-15-ELEC-11.1.2)	11137.5

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1523	ELEC-11.1.3			Supply and installation of 2000VA, 36VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha. (SOR-2014-15-ELEC-11.1.3)	15840
1524	ELEC-11.1.4	1	No	Supply and installation of 2.0KVA true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power. (SOR-2014-15-ELEC-11.1.4)	24255
1525	ELEC-11.1.5	1	No	Supply and installation of 3.0KVA, 72VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power. (SOR-2014-15-ELEC-11.1.5)	32593.275
1526	ELEC-11.1.6	1	No	Supply and installation of 5.0KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power. (SOR-2014-15-ELEC-11.1.6)	56306.25
1527	ELEC-11.1.7	1	No	Supply and installation of 7.5KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power. (SOR-2014-15-ELEC-11.1.7)	77962.5
1528	ELEC-11.1.8	1	No	Supply and installation of 10KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power. (SOR-2014-15-ELEC-11.1.8)	90956.25
1529	ELEC-11.1.9	1	No	Supply and providing of UPS cum battery rack up to 4 batteries. (SOR-2014-15-ELEC-11.1.9)	1282.5
1530	ELEC-11.1.10	1	No	Supply and providing of UPS cum battery rack 5 to 10 batteries. (SOR-2014-15-ELEC-11.1.10)	2458.125
1531	ELEC-11.1.11	1	No	Supply and providing of UPS cum battery rack upto 11 to 20 batteries. (SOR-2014-15-ELEC-11.1.11)	4424.625
1532	ELEC-11.1.12	1	No	Supply and fixing of 12V 26 AH SMF battery including wire leads make Quanta / Racket / Exide. (SOR-2014-15-ELEC-11.1.12)	3291.75
1533	ELEC-11.1.13	1	No	Supply and fixing of 12V 42 AH SMF battery including wire leads make Quanta / Racket / Exide. (SOR-2014-15-ELEC-11.1.13)	5511.33
1534	ELEC-11.1.14	1	No	Supply and fixing of 12V 65 AH SMF battery including wire leads make Quanta / Racket / Exide. (SOR-2014-15-ELEC-11.1.14)	6814.35

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1535	ELEC-11.1.15	1	No	Supply and fixing of 12V 100 AH SMF battery including wire leads make Quanta / Racket / Exide. (SOR-2014-15-ELEC-11.1.15)	8464.5
1536	ELEC-11.1.16	1	No	Supply and fixing of 12V 120 AH SMF battery including wire leads make Quanta / Racket / Exide. (SOR-2014-15-ELEC-11.1.16)	8977.5
1537	ELEC-11.1.17	1	No	Supply and fixing of 12V, 120 AH MF battery including wire leads make Amar Raja(Power Zone) or Equivalent model of Exide / Panasonic / Gotech. (SOR-2014-15-ELEC-11.1.17)	8520.075
1538	ELEC-11.1.18	1	No	Supply and fixing of 12V, 150 AH MF battery including wire leads make Amar Raja(Power Zone) or Equivalent model of Exide / Panasonic / Gotech. (SOR-2014-15-ELEC-11.1.18)	10901.25