



Government of Andhra Pradesh

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

**FOR THE YEAR 2009-10 as part of
implementation of GST Act**

BOARD OF CHIEF ENGINEERS

PART-I

(WATER RESOURCES DEPARTMENT WORK ITEMS)

MASTER INDEX

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STATEMENT OF RATES FOR MATERIALS FOR THE YEAR 2009-10			
Sl No.	DESCRIPTION OF MATERIAL	UNIT	Basic rate for SoR 2009-10 excluding subsumed taxes
1	2	3	4
1	Acetylene gas	cum	199
2	Asphalt 80/100 Grade	Kg	25
3	Binding wire	Kg	41
4	Burnt stone slab 10 cm thick	sqm	166
5	Cement 43 Gr (including loading charges) Note: AS per monthly Rate as fixed by Sub-Committee	tonne	3295
6	Chequered plate	Kg	29
7	Coarse aggregate 10-4.75 mm(including Seigniorage charges)	cum	716
8	Coarse aggregate 20-10 mm(including Seigniorage charges)	cum	981
9	Coarse aggregate 40-20 mm(including Seigniorage charges)	cum	933
10	Coarse aggregate 80-40 mm(including Seigniorage charges)	cum	534
11	Coir brush	Each	17
12	Copper sheet 16 SWG	kg	323
13	Coursed rubble stone 30 x 30 x 45 cm(including Seigniorage charges)	Each	12
14	Coursed rubble stone 30 x 30 x 60 cm(including Seigniorage charges)	Each	13
15	Curing Compound	Ltr	69
16	D – cord	Rm	7
17	Delay - noiseless trunk	Each	16
18	Detonating fuse coil	Rm	5
19	Detonating shock tube / Cord relays	Rm	38
20	Detonator delay type	Each	13

21	Detonator electric	Each	8
22	Detonator ordinary	Each	4
23	Empty cement bag	Each	3
24	Explosive ANFO	kg	19
25	Explosive ANFO high strength booster	kg	42
26	Explosive small dia (Kelvex-220 or equivalent)	kg	37
27	Fine aggregate/ sand(un- screened) (including Seigniorage charges)	cum	115
28	Fine aggregate /Sand (Screened) (including Seigniorage charges)	cum	240
29	Geo-textile (filter fabric) 160 gsm	sqm	61
30	Geo-textile (filter fabric) 200 gsm	sqm	73
31	Geo-textile (filter fabric) 250 gsm	sqm	89
32	G I Pipe 100 mm dia B Class	Rm	414
33	G I Pipe 15 mm dia A class	Rm	56
34	G I pipe 25 mm dia A class	Rm	83
35	G I pipe 40 mm dia B class	Rm	141
36	G I pipe 50 mm dia A class	Rm	157
37	G I Pipe 80 mm dia B Class	Rm	216
38	G.I Bolts / Nuts and Washers	kg	60
39	G.I sheet (plain)	tonne	34814
40	Hariyala turfing sods	sqm	18
41	Hectometer stone one line dressed	Each	154
42	Hemp yarn	kg	44

43	Honne wood planks	cum	30651
44	Hume pipe with collar 150 mm dia	Rm	166
45	Hume pipe with collar 300 mm dia	Rm	332
46	J- Bolts 30 cm long	Each	16
47	Jungle wood planks	cum	14222
48	Khandki stone 15 to 20 cm height	Each	6
49	Khandki stone 20 to 25 cm height	Each	8
50	Khandki stone 25 to 30 cm height	Each	10
51	Kilometer stone one line dressed	Each	288
52	LDPE sheet (Geo membrane) 500 micron thick	sqm	50
53	LDPE sheet (Geo membrane) 750 micron thick	sqm	75
54	LDPE sheet (Geo membrane) 1000 micron thick	sqm	99
55	M S Bolts / Nuts / Washers	kg	37
56	Murrum(including loading charges and Seigniorage charges)	cum	65
57	Oxalic acid	Ltr	41
58	Oxygen gas	cum	29
59	PVC sealing strip	Rm	27
60	PVC water stopper 310 mm wide	Rm	351
61	PVC pipe of 100 mm dia	Rm	130

62	Reinforcement steel (HYSD/TMT)(Including Loading charges) Note: As per Monthly rate fixed by Sub-Committee	tonne	25696
63	Resin bond Cement capsule	Each	41
64	Rough stone 20 x 20 x 75 cm (including Seigniorage Charges)	Each	10
65	Shahabad stone slab (including loading charges and Seigniorage charges)	sqm	154
66	Stone chips (at dump yard/Spoil)(including loading charges and Seigniorage charges)	cum	144
67	Stone chips (at quarry) (including loading charges and Seigniorage charges)	cum	240
68	Structural steel angle / channel / beam / bars (Including Loading charges) Note: As per Monthly rate fixed by Sub-Committee	tonne	26111
69	Structural steel plate / flats(Including Loading charges) Note: As per Monthly rate fixed by Sub-Committee	tonne	28597
70	Super Plasticizer (Conplast RP-264 or equivalent)	kg	42
71	Synthetic Enamel paint 1st quality	Ltr	115
72	Synthetic adhesive (Resin + Hardener)	Kg	119
73	Tar felt joint filler board 12 mm thick	sqm	238
74	Tar felt joint filler board 20 mm thick	sqm	383
75	Through stones 20 x 20 x 30 to 45 cm (including loading charges and Seigniorage charges)	Each	15
76	Through stones 25 x 25 x 45 to 60 cm long (including loading charges and Seigniorage charges)	Each	25
77	Through stones 30 x 30 x 65 to 75 cm long (including loading charges and Seigniorage charges)	Each	35

78	Un-coursed rubble stones (at dump yard /Spoil) (including loading charges and Seigniorage charges)	cum	130
79	Un-coursed rubble stones (at quarry)(including loading charges and Seigniorage charges)	cum	220
80	Water proofing compound	kg	38
81	Welding electrodes 4 mm dia	Each	8
82	Wire brush	Each	26
83	Wire mesh 20 gauge	sqm	129
84	Zinc chromate red oxide primer paint	Ltr	61
85	inorganic zinc silicate	Ltr	307
86	solvent less coal tar epoxy paint	Ltr	127
87	Zinc phosphate primer	Ltr	107
88	Allkyd based iron oxide paint	Ltr	84
89	Cost of hdpe/light black MS casing pipe(150 mm dia)	Rm	398
ADDITIONAL MATERIALS FOR GATES & HOISTS			
1	Alloy steel (IS : 1570-carbon steel) shafts	Kg	99
2	Alloy steel (IS : 1570-stainless steel) pins	Kg	195
3	Bolt / Nut / Washer (hot dipped galvanized)	Kg	70
4	Bolt / Nut / Washer (stainless steel)	Kg	157
5	Bronze/Aluminum alloy(IS:305)bearings/bushes	Kg	414
6	Cast iron blocks	Kg	41
7	Cast steel drums / gears	Kg	83
8	Cast steel pinions	Kg	120

9	Cast steel wheels / pulleys / hubs / rollers /Retainers	Kg	83
10	Chemical for de-greasing/ de-rusting/phosphate Coating	Ltr	80
11	Coal tar epoxy paint	Ltr	105
12	Forged steel hooks / shackles	Kg	133
13	MS pipe 200 / 300 mm dia	Kg	87
14	MS pipe 32 mm dia	Rm	99
15	MS pipe 25 mm dia	Rm	83
16	Rubber bottom seal (IS : 11855) (100mmX14 mm)	Rm	383
17	Rubber side seal (music note type Teflon claded) (IS : 11855)(36ØX113mmX14mm)	Rm	728
18	Rubber side seal (music note type uncladed) (IS : 11855)(36ØX113mmX14mm)	Rm	575
19	Rubber side seal Z-type (IS : 11855)(36ØX120mmX19mm)	Rm	1264
20	Rubber corner seal (Teflon claded) (IS : 11855) (36Ø)	Each	1494
21	Rubber corner seal (un claded) (IS : 11855) (36Ø)	Each	1341
22	Stainless steel plates / flats	Kg	124
23	Welding electrode 4 mm dia x 450 mm (radiographic low hydrogen)	Each	7
24	Welding electrode 4 mm dia x 450 mm (stainless steel)	Each	11
25	Wire rope 6x37 constn (IS : 2266)	Kg	83
26	Zinc	Kg	91
27	Zinc rich (zinc content : 90 %) epoxy primer	Ltr	268

Capital cost of Machinery/Equipment

SI No	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	Basic rate for SoR 2009-10 excluding subsumed taxes
1	Agitator car / Transit mixer 2 cum (excluding tyres)	Each	12,56,705
	tyres and tubes 6 sets	Each	45977
2	Air compressor 5 cmm electric	Each	3,21,839
3	Air compressor 7 cmm diesel	Each	4,75,096
4	Air compressor 7 cmm electric	Each	4,59,770
5	Air compressor 8.5 cmm diesel	Each	5,51,724
6	Air compressor 8.5 cmm electric	Each	5,21,073
7	Air compressor 15 cmm electric	Each	6,89,655
8	Angle Dozer 90 hp	Each	28,35,249
9	Batching plant 0.5 cum with accessories(6 Cum/hr)	Each	7,08,812
10	Batching plant 2 x 1.00 cum with accessories(15 Cum/hr)	Each	18,77,395
11	Batching plant 2 x 1.50 cum with accessories(50 Cum/hr)	Each	23,75,479
12	Bending machine	Each	1,45,060
13	Clamp shell and hoisting ropes	Each	16,578
14	Concrete bucket 1.5 cum	Each	30,651
15	Concrete hand mixer 45/30 ltr	Each	7,663
16	Concrete mixer 300/200 ltr(diesel)	Each	84,291
17	Concrete mixer 300/200 ltr (electric)	Each	76,628
18	Concrete mixer 600/400 ltr(diesel)	Each	1,41,762
19	Concrete mixer 600/400 ltr (electric)	Each	1,18,774
20	Concrete paver 100 Sqm / hr	Each	12,64,368

21	Convey mucker (excluding tyres)	Each	21,76,245
	tyres and tubes 6 sets		45977
22	Core drilling machine	Each	5,90,038
23	Diesel generating set 30 KVA	Each	2,52,874
24	Diesel generating set 50 KVA	Each	3,29,502
25	Diesel Loco 45 hp	Each	9,19,540
26	Dewatering pump 5 hp diesel	Each	22,222
27	Dewatering pump 5 hp electric	Each	11,494
28	Dewatering pump 10 hp diesel	Each	34,483
29	Dewatering pump 10 hp electric	Each	17,625
	Dewatering pump 20 hp diesel	Each	91,954
31	Dewatering pump 20 hp electric	Each	32,950
32	Drifter	Each	4,80,460
33	Drilling jumbo (excluding tyres)	Each	7,01,149
	tyres and tubes 6 sets		45977
34	Dumper 4.5 cum (excluding tyres)	Each	6,43,678
	tyres and tubes 6 sets		45977
35	Geophysical Ele.resistivity meter	Each	2,44,444
36	Grouting pump	Each	53,640
37	Guniting / sand blasting equipment	Each	1,56,664
38	Ice plant with accessories 30 t / day	Each	14,66,667
39	Jack hammer	Each	29,885
40	Needle vibrator 40 mm petrol	Each	10,345
41	Needle vibrator 40 mm electric	Each	11,877
42	Needle vibrator 60 mm petrol	Each	10,728
43	Needle vibrator 60 mm electric	Each	13,793
44	Planing machine 4 m stroke	Each	4,36,837
45	Plate shearing machine up to 12 mm	Each	2,32,924
46	Pneumatic placer 0.5 cum	Each	3,06,513
47	Pneumatic tamper	Each	37,165

48	Pug cutting machine	Each	10,776
49	Pusher leg	Each	24,867
50	Road roller diesel 10 t	Each	4,59,770
51	Shovel 0.50 cum 75 hp	Each	17,62,452
52	Shovel 0.85 cum 110 hp	Each	29,88,506
53	Stationery derrick crane 5 t	Each	3,44,828
54	Tipper 5 cum (excluding tyres)	Each	8,73,563
	tyres and tubes 6 sets		45,977
55	Tipping tub 1.5 cum	Each	84,291
56	Tower crane 5 tonne	Each	42,14,559
57	Transformer 250 KVA	Each	2,40,385
58	Truck 10 t (excluding tyres)	Each	6,43,678
	tyres and tubes 6 sets		45977
59	Truck mounted derrick crane 5 t (excluding tyres)	Each	11,03,448
	tyres and tubes 6 sets		53,333
60	Upright drilling machine	Each	30,651
61	Ventilation fan 20 hp	Each	1,07,759
62	Vibratory pad foot roller 8 t	Each	13,79,310
63	Wagon drill	Each	3,44,828
64	Water tanker 8000 ltr (excluding tyres)	Each	7,46,667
	tyres and tubes 6 sets		45977
65	Welding set	Each	30,172
66	Winch 35 hp electric	Each	1,96,169
ACCESSORIES TO MACHINERY / EQUIPMENT			
1	Casing shoe bit	Each	7,212
2	Diamond core bit BX size	Each	8,654
3	Diamond core bit NX size	Each	13,462
4	Double tube core barrel	Each	9,615

5	Extension drill rod with coupling sleeve	Rm	1,243
6	Jack hammer drill rod 1.5 m	Each	2,487
7	Jack hammer drill rod 2.5 m	Each	4,145
8	Nozzle for Guniting / sand blasting gun	Each	414
9	Paving Cylinder	Each	19,231
10	Rails 30R (30 kg / m)	tonne	31,731
11	Reamer shell	Each	3,365
12	T.C. Cross bit 50 mm dia	Each	4,327
13	T.C. Cross bit 75 mm dia	Each	7,212
14	T.C. Cross bit 100 mm dia	Each	9,135
15	Tyres and Tubes for truck	Set	9579
16	Wire rope 16 mm dia	Rm	144
17	Excavation of drain with Excavator	cum	20

OTHER COSTS ON MATERIAL / MACHINERY / EQUIPMENT

1	Air hose 25 mm dia	Rm	83
2	Air hose 50 mm dia	Rm	166
3	Demand charges (HT-I : General-11 KV category)on power supply(as per APEPDCL tariff)	KVA /month	195
4	Diesel	Ltr	36
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	4
6	Excise duty on Gates / Hoist supplies	%	0%
7	Insurance charges on machinery	% / annum	1%
8	Interest on capital cost	% / annum	12%
9	Lubricants	Ltr	151
10	Petrol	Ltr	50
11	Rivets	Kg	58

12	Road tax on transport vehicles	Rs./annum	13,000
13	Shalimatic sealing compound	Kg	53
14	Shutter oil	Ltr	39
15	Structural steel fabrication	Kg	12
16	Sundries (Lump sum for un quantified inputs)	LS	30
17	Water hose (pressure) 20 mm dia	Rm	124
18	Steel wedges	LS	8
19	Elbows / Nipple / Plugs etc.,	LS	8
20	Soldering materials	LS	8
21	Steam circulation arrangement	LS	8
22	Fuel charges (gas for heating)	LS	8
23	Vulcanizing materials	LS	10
24	Other accessories / controls / junctions	LS	10
25	Miscellaneous fittings / switches etc	LS	10
26	Anchors / supports for cables / lights	LS	10
27	Civil works for foundations / pedestals / duct etc	LS	10
28	Gas cutting set (2 No's 15 m hose and nozzle unit)	Each	7,875
29	Grease	Kg	112
30	Welding holder set (cable / holder / gloves / mask etc)	Each	3,647
31	Use rate of ropes	LS	100
MATERIALS FOR GATES AND HOISTS			
1	Worm reducers	Each	1,14,943
2	Electric motor 20 hp(Double Shaft)	Each	61,303
3	Electric motor 17.5 hp(Double Shaft)	Each	42,146
4	Electric motor 12.5 hp(Double Shaft)	Each	34,483
5	Electric motor 5 hp(Double Shaft)	Each	19,157
6	Electric motor 3 hp (Double Shaft)	Each	13,027
7	Electric motor 2 hp (Double Shaft)	Each	6,513

8	Floating shaft 300 mm dia	Kg	92
9	Manual operating system	Each	17,778
10	Gate position indicator	Each	88,123
11	Ele-magnetic brake	Each	16,092
12	Electric cable / switch / control panel etc	LS	20,723
13	Wire rope sockets	Each	2,072

Materials other than covered under irrigation

Sl. No.	Description	Unit	Basic rate for the year 2009-10
M-002	Quarried stone 150 - 200 mm size for Hand Broken	Cum	114
M-003	Boulder with minimum size of 300 mm for Pitching (Including Seigniorage)	Cum	133
M-004	Coarse sand for filling (Including Seigniorage)	Cum	96
M-005	Coarse sand for mortar(Including Seigniorage)	Cum	115
M-006	Fine Sand (Including Seigniorage charges)	Cum	Rate as per item no.28 of material of WRD
M-007	Murum (Including Seigniorage charges)	Cum	Rate as per item no.56 of Material rates of WRD.
M-008	Gravel/Quarry spall	Cum	65
M-009	Granular Material or hard Murum for GSB works	Cum	65
M-010	Granular Material or hard Murum for GSB works	Cum	65
M-011	Fly ash conforming to IS: 3812 (Part II & I)	Cum	34

M-012	Filter media/Filter Material as per Table 300-3 (MoRT&H Specification)	Cum	288
M-013	Close graded Granular sub-base Material 53 mm to 9.5 mm	Cum	577
M-014	Close graded Granular sub-base Material 37.5 mm to 9.5 mm	Cum	596
M-015	Close graded Granular sub-base Material 26.5 mm to 9.5 mm	Cum	615
M-016	Close graded Granular sub-base Material 9.5 mm to 4.75 mm	Cum	519
M-017	Close graded Granular sub-base Material 9.5 mm to 2.36 mm	Cum	510
M-018	Close graded Granular sub-base Material 4.75 mm to 2.36 mm	Cum	470
M-019	Close graded Granular sub-base Material 4.75mm to 75 micron mm	cum	433
M-020	Close graded Granular sub-base Material 2.36 mm	Cum	433
M-021	Stone crusher dust finer than 3mm with not more than 10% passing 0.075 sieve.	Cum	240
M-022	Coarse graded Granular sub-base Material 2.36 mm & below	Cum	394
M-023	Coarse graded Granular sub-base Material 4.75mm to 75 micron mm	cum	423
M-024	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm	Cum	423
M-025	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm	Cum	495
M-026	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm	Cum	538

M-027	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm	Cum	587
M-028	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm	Cum	596
M-029	Coarse graded Granular sub-base Material 53 mm to 26 .5mm	Cum	731
M-030	Aggregates below 5.6 mm	Cum	481
M-031	Aggregates 22.4 mm to 2.36 mm	Cum	769
M-032	Aggregates 22.4 mm to 5.6 mm	Cum	865
M-033	Aggregates 45 mm to 2.8 mm	Cum	601
M-034	Aggregates 45 mm to 22.4 mm	Cum	933
M-035	Aggregates 53 mm to 2.8 mm	Cum	769
M-036	Aggregates 53 mm to 22.4 mm	Cum	731
M-037	Aggregates 63 mm to 2.8 mm	Cum	596
M-038	Aggregates 63 mm to 45 mm	Cum	567
M-039	Aggregates 90 mm to 45 mm	Cum	534
M-040	Aggregates 10 mm to 5 mm	Cum	716
M-041	Aggregates 11.2 mm to 0.09 mm	Cum	601
M-042	Aggregates 13.2 mm to 0.09 mm	Cum	673
M-043	Aggregates 13.2 mm to 5.6 mm	Cum	769
M-044	Aggregates 13.2 mm to 10 mm	Cum	856
M-045	Aggregates 20 mm to 10 mm	Cum	981
M-046	Aggregates 25 mm to 10 mm	Cum	942
M-047	Aggregates 19 mm to 6 mm	Cum	865

M-048	Aggregates 37.5 mm to 19 mm	Cum	918
M-049	Aggregates 37.5 mm to 25 mm	Cum	904
M-050	Aggregates 6 mm nominal size	Cum	625
M-051	Aggregates 10 mm nominal size	Cum	784
M-052	Aggregates 13.2/12.5 mm nominal size	Cum	938
M-053	Aggregates 20 mm nominal size	Cum	1125
M-054	Aggregates 25 mm nominal size	Cum	1106
M-055	Aggregates 40 mm nominal size	Cum	712
M-056	AC pipe 100 mm dia	Metre	Rate as per PH item
M-057	Acrylic polymer bonding coat	Litre	290
M-058	Aluminum Paint	Litre	195
M-059	Aluminum alloy plate 2mm Thick	Sqm	216
M-060	Aluminum alloy/Galvanized steel	Tonne	39788
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	580
M-062	Aluminum studs 100 x 100 mm fitted with lens	No's	2487
M-063	Barbed wire	Kg	49
M-064	Bearing (Cost of parts)	No's	356
M-065	Bearing (Cast steel rocker bearing assembly of 250 tonne)	No's	497
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	0.41

M-067	Bearing (Forged steel roller bearing of 250 tonne)	No's	As per Market Competitive rates.
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	4
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	18634
M-075	Bitumen (80-100 grade) (excluding taxes)	Tonne	17971
M-076	Bitumen (Cutback)	Tonne	As per rates fixed by R&B Dept based on refinery rates
M-077	Bitumen (emulsion)(excluding taxes)	Tonne	19891
M-078	Bitumen (modified graded)	Tonne	As per rates fixed by R&B Dept based on refinery rates
M-079	Brick	Each	As per Building SSR
M-080	C.I. shoes for the pile	Kg	33

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	94
M-084	Compressible Fibre Board(20mm thick)	Sqm	356
M-085	Connectors/ Staples	Each	46
M-086	Copper Plate(12m long x 250mmwide)	Kg	284
M-087	Corrosion resistant Structural steel	Tonne	41446
M-088	Corrugated sheet, 3 mm thick, "Tie" beam section railing	Kg	124
M-089	Credit for excavated rock found suitable for use	Cum	96
M-090	Curing compound	Liter	Rate as per item No. 15 of WRD
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	Cum	25
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	192
M-096	Epoxy mortar	Kg	61
M-097	Epoxy primer	Kg	352
M-098	Epoxy resin-hardener mix for prime coat	Kg	368

M-099	Flag of red color cloth 600 x 600 mm	Each	19
M-100	Flowering Plants	Each	24
M-101	Galvanized MS flat clamp	No's	124
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	108
M-103	Galvanized structural steel plate 200 mm wide, 6 mm thick, 24 m long	Kg	580
M-104	Gelatin 80%	Kg	383
M-105	Geo grids	Sqm	As per local competitive quotations
M-106	(a)Geo membrane 500 micron thick	Sqm	rate covered from sl.no.52 to 54 of material items of Irrigation
	(b) Geo membrane 750 micron thick	Sqm	
	(c) Geo membrane 1000 micron thick	Sqm	
M-107	Geo nets	Sqm	As per local competitive quotations
M-108	(a)Geo textile 160 gsm	Sqm	rate covered from sl.no.29 to 31 of material items of Irrigation
	(b) Geo textile 200 gsm	Sqm	
	(c) Geo textile 250 gsm	Sqm	
M-109	Geo textile filter fabric	Sqm	As per local competitive quotations
M-110	GI bolt 10 mm Dia	No's	12
M-111	Grouting pump with agitator	Hour	Rate covered in Item No.36 of hire charges of machinery of Water Resources work items
M-112	Grass (Doob)	Kg	3
M-113	Grass (Fine)	Kg	4
M-114	HDPE pipes 75mm dia	Metre	Rate as per PH items

M-115	HDPE pipes 90mm dia	Metre	Rate as per PH items
M-116	Hedge plants	Each	Rate as per local competitive quotations
M-117	Helical pipes 600mm diameter	Metre	Rate as per local competitive quotations
M-118	Hot applied thermoplastic compound	Litre	Rate as per local competitive quotations
M-119	HTS strand	Tonne	Rate as per local competitive quotations
M-120	Joint Sealant Compound	Kg	Rate as per local competitive quotations
M-121	Jute netting, open weave, 2.5 cm square opening for seeding and Mulching	Sqm	53
M-122	LDO for steam curing	Litre	34
M-123	M.S. Clamps	Kg	115
M-124	M.S. Clamps	Kg	497
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	25696
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	10
M-130	Nuts and bolts	Kg	50
M-131	Paint	Litre	138
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	100
M-137	R.C.C Pipes 200 mm dia, 2.5 m long for drainage	Metre	300
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	183
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	40
M-145	Pre-packed cement based polymer concrete of strength 45 Mpa at 28 days	Kg	Rate as per local competitive quotations
M-146	Sealant Primer	Kg	69

M-147	Quick setting compound	Kg	245
M-148	Random Rubble Stone	Cum	190
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	Rate as per local competitive quotations
M-157	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Aluminum strips)	Metre	
M-158	Rivets	Each	2
M-159	Sand bags (Cost of sand and Empty cement bag)	Per bag	13
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	41
M-162	Seeds(Grass)	Kg	12
M-163	Cost of Selected earth (Including Seignorage Charges)	Cum	60

M-164	Separation Membrane of impermeable plastic sheeting 125 micron thick	Sqm	Rate as per local competitive quotations
M-165	Sheathing duct	Metre	
M-166	Shrubs	Each	10
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	1538
M-169	Square Rubble Coursed Stone(Including Loading Charges but including Seigniorage charges)	Cum	1600
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	700
M-173	Steel helmet and cushion block on top of pile head during driving.	Kg	1500
M-174	Steel pipe 25 mm external dia as per IS:1239	Metre	166
M-175	Steel pipe 50 mm external dia as per IS:1239	Metre	332
M-176	Steel wire rope 20 mm	Kg	108
M-177	Steel wire rope 40 mm	Kg	124
M-178	Strip seal expansion joint	Metre	Rate as per local competitive quotations
M-179	Structural Steel(HYSD/TMT bars)	Tonne	25696
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	Rates covered from sl.no.75 to 77 of material items of irrigation
	(a) 20X20x30 to 45 cm long	Each	
	Through and bond stone		
	(b) 25X25x45 to 60 cm long		
	Through and bond stone	Each	
	(c) 30X30x65 to 75 cm long		
M-183	Tie rods 20mm diameter	No's	23
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	
M-188	Un slaked lime	Tonne	1731
M-189	Water	KiloLitre	48
M-190	Water based cement paint	Litre	69
M-191	Welded steel wire fabric	Kg	87
M-192	Wire mesh 50mm x 50mm size of 3mm wire	Kg	145
M-193	Wooden ballies 2" Dia for bracing	Each	As per Building SSR
M-194	Wooden ballies 8" Dia and 9 m long	Each	
M-195	Wooden packing	Cum	746
M-196	Wooden staff for fastening of flag 25 mm dia, one m long	Each	43
Item 8.3	Printing new letter and figures of any shade (ii) English Roman	per cm height per letter	1
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

Conveyance Charges of Material

**LEAD/LIFT/LOADING & UNLOADING CHARGES
FOR THE YEAR : 2009-10**

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	27.70	16.20	35.20
3	Total lead upto 150 m	55.40	32.30	70.50

B.(Lead) Conveyance charges for machinery per kilometer for transporting materials by tippers and trucks including 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	17.70	15.80	9.90	23.20	10.40	26.30
2	Lead upto 2 km	24.80	22.10	13.80	32.50	14.50	36.80
3	Lead upto 3 km	33.00	33.00	20.70	48.60	19.30	49.10

4	Lead upto 4 km	40.10	40.10	25.10	59.00	23.50	59.60
5	Lead upto 5 km	47.20	47.20	29.50	69.40	27.60	70.20
6	for Every km beyond 5 km upto 30 km	7.10	7.10	4.40	10.40	4.10	10.50
7	for Every km beyond 30 km	5.90	5.90	3.70	8.70	3.50	8.80

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	9.60	18.50	30.50	36.50	25.40
2	Unloading	4.80	9.25	30.50	36.50	25.40

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	57.10	66.30	83.10	89.20	112.20
2	Unloading	20.50	33.15	83.10	89.20	112.20

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	28.00	55.70
2	Unloading	8.90	8.90

F.LIFT CHARGES FOR MATERIALS BY HEAD LOAD

SI 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	3.20	2.30	4.30

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	443.80	544.50	139.50	1127.80
2	Air compressor 5 cmm (electric)	Hour	50.20	129.90	83.90	264.00
3	Air compressor 7 cmm (diesel)	Hour	122.80	445.50	107.30	675.60
4	Air compressor 7 cmm (electric)	Hour	71.70	173.20	83.90	328.80
5	Air compressor 8.5 cmm (diesel	Hour	142.60	556.90	107.30	806.80
6	Air compressor 8.5 cmm (electric)	Hour	81.30	216.50	83.90	381.70
7	Air compressor 15 cmm (electric)	Hour	72.30	481.20	89.40	642.90
8	Angle Dozer 90 hp	Hour	901.40	380.90	111.80	1394.10
9	Batching plant 0.5 cum(6 cum/hr)	Hour	69.90	57.70	161.00	288.60
10	Batching plant 2 x 1.00 cum(15 cum/hr)	Hour	185.20	173.20	161.00	519.40
11	Batching plant 2 x 1.50 cum(50 cum/hr)	Hour	234.40	211.70	161.00	607.10
12	Bending machine 3000 x 12 mm	Hour	12.00	57.70	67.10	136.80
13	Clamp shell and hoisting ropes	Hour	3.00	0.00	0.00	3.00
14	Concrete bucket 1.5 cum	Hour	8.80	0.00	0.00	8.80
15	Concrete hand mixer 45 / 30 ltr	Hour	2.80	0.00	0.00	2.80
16	Concrete mixer 300 / 200 (diesel)	Hour	30.50	49.50	111.80	191.80
17	Concrete mixer 300 / 200 ltr (electric)	Hour	27.70	19.20	111.80	158.70
18	Concrete mixer 600 / 400 (diesel)	Hour	51.30	99.00	111.80	262.10
19	Concrete mixer 600 / 400 ltr (electric	Hour	43.00	38.50	111.80	193.30
20	Concrete paver 100 sqm / hr	Hour	196.30	0.00	214.70	411.00
21	Convey mucker	Hour	468.90	134.00	89.40	692.30
22	Core drilling machine	Hour	174.40	148.50	134.20	457.10
23	Diesel generating set 30 KVA	Hour	34.30	396.00	67.10	497.40
24	Diesel generating set 50 KVA	Hour	44.70	594.00	67.10	705.80
25	Diesel Loco 45 hp	Hour	168.70	334.10	83.90	586.70
26	Dewatering pump 5 hp (diesel)	Hour	5.70	49.50	55.90	111.10
27	Dewatering pump 5 hp (electric)	Hour	1.40	19.20	41.90	62.50
28	Dewatering pump 10 hp (diesel)	Hour	8.90	99.00	55.90	163.80
29	Dewatering pump 10 hp (electric	Hour	2.20	38.50	41.90	82.60
30	Dewatering pump 20 hp (diesel)	Hour	23.80	198.00	55.90	277.70
31	Dewatering pump 20 hp (electric	Hour	4.10	77.00	41.90	123.00

32	Drifter	Hour	149.80	0.00	167.70	317.50
33	Drilling jumbo	Hour	201.00	26.70	89.40	317.10
34	Dumper 4.5 cum	Hour	269.50	249.50	111.60	630.60
35	Geophysical Electric resistivity meter	Hour	51.70	0.00	0.00	51.70
36	Grouting pump	Hour	13.40	19.20	134.20	166.80
37	Guniting / sand blast equipment	Hour	62.40	0.00	111.80	174.20
38	Ice plant & accessories 30 t / day	Hour	113.30	548.50	67.10	728.90
39	Jack hammer	Hour	9.30	0.00	167.70	177.00
40	Needle vibrator 40 mm (petrol)	Hour	4.00	13.80	80.50	98.30
41	Needle vibrator 40 mm (electric)	Hour	4.60	3.80	80.50	88.90
42	Needle vibrator 60 mm (petrol)	Hour	4.10	20.60	80.50	105.20
43	Needle vibrator 60 mm (electric)	Hour	5.30	5.80	80.50	91.60
44	Planing machine 4 m stroke	Hour	67.80	57.70	107.30	232.80
45	Plate shearing machine upto 12 mm	Hour	23.60	77.00	67.10	167.70
46	Pneumatic placer 0.5 cum	Hour	91.60	0.00	43.70	135.30
47	Pneumatic tamper	Hour	9.30	0.00	134.20	143.50
48	Pug cutting machine	Hour	4.40	1.90	0.00	6.30
49	Pusher leg	Hour	6.20	0.00	0.00	6.20
50	Road roller diesel 10 t	Hour	108.70	445.50	105.10	659.30
51	Shovel 0.50 cum 75 hp	Hour	479.50	297.00	111.80	888.30
52	Shovel 0.85 cum 110 hp	Hour	813.10	544.50	111.80	1469.40
53	Stationery derrick crane	Hour	46.70	0.00	0.00	46.70
54	Tipper 5 cum	Hour	243.30	187.10	87.20	517.60
55	Tipping tub 1.5 cum	Hour	22.90	0.00	0.00	22.90
56	Tower crane 5 tonne	Hour	503.60	100.10	89.40	693.10
57	Transformer 250 KVA	Hour	2958.10	0.00	0.00	2958.10
58	Truck 10 t	Hour	192.40	187.10	82.10	461.60
59	Truck mounted derrick crane 5 t	Hour	294.10	187.10	82.10	563.30
60	Upright drilling machine/Grinder	Hour	12.50	19.20	87.40	119.10
61	Ventilation fan 20 hp	Hour	4.90	77.00	14.50	96.40
62	Vibratory pad foot roller 8 t	Hour	635.30	643.50	131.40	1410.20
63	Wagon drill	Hour	101.90	0.00	134.20	236.10
64	Water tanker 8000 ltr	Hour	215.20	187.10	82.10	484.40
65	Welding set	Hour	10.20	46.20	0.00	56.40
66	Winch 35 hp (electric)	Hour	68.80	94.30	134.20	297.30

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 2009-10		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	106		
	100 mm dia	Meter	126		
	150 mm dia	Meter	148		
	200 mm dia	Meter	177		
	225 mm dia	Meter	193		
	250 mm dia	Meter	205		
	300 mm dia	Meter	297	698	701
	350 mm dia	Meter	369	838	854
	400 mm dia	Meter	424	928	947
	450 mm dia	Meter	521	1065	1074
	500 mm dia	Meter	568	1204	1315
	600 mm dia	Meter	847	1731	2024
	700 mm dia	Meter	1079	2134	2695
	800 mm dia	Meter	1315	2815	3495
	900 mm dia	Meter	1652	3519	4359
	1000 mm dia	Meter	2020	4398	5973
	1100 mm dia	Meter	2389	5160	6901
	1200 mm dia	Meter	2847	6067	8055
	1400 mm dia	Meter	3891	7804	11066
	1600 mm dia	Meter	4469	10073	13076
	1800 mm dia	Meter	5892	13304	17459

The above rates of RCC Plain ended pipes are based on the following raw materials
 Cost Cement. Rs.3295/- per MT (excluding all taxes and freight).
 Steel (M.S. Rods) - Rs.25696/- 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 2009-10		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	32.00		
	100 mm dia	Each	35.00		
	150 mm dia	Each	36.00		
	200 mm dia	Each	50.00		
	225 mm dia	Each	53.00		
	250 mm dia	Each	58.00		
	300 mm dia	Each	76.00	105.00	105.00
	350 mm dia	Each	94.00	134.00	134.00
	400 mm dia	Each	103.00	152.00	152.00
	450 mm dia	Each	164.00	204.00	204.00
	500 mm dia	Each	186.00	243.00	243.00
	600 mm dia	Each	250.00	318.00	318.00
	700 mm dia	Each	324.00	422.00	422.00
	800 mm dia	Each	452.00	542.00	542.00
	900 mm dia	Each	545.00	632.00	632.00
	1000 mm dia	Each	638.00	789.00	789.00
	1100 mm dia	Each	776.00	996.00	996.00
	1200 mm dia	Each	938.00	1248.00	1248.00
	1400 mm dia	Each	1213.00	1580.00	1580.00
	1600 mm dia	Each	1547.00	2017.00	2017.00
	1800 mm dia	Each	1558.00	2589.00	2589.00

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

Cost Cement. Rs.3295/- per MT (excluding all taxes and freight).

Steel (M.S. Rods) - Rs.25696/- 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 2009-10		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	134		
	100 mm dia	Meter	153		
	150 mm dia	Meter	180		
	200 mm dia	Meter	222		
	225 mm dia	Meter	242		
	250 mm dia	Meter	257		
	300 mm dia	Meter	362	902	945
	350 mm dia	Meter	467	1128	1146
	400 mm dia	Meter	513	1250	1270
	450 mm dia	Meter	640	1379	1389
	500 mm dia	Meter	737	1572	1700
	600 mm dia	Meter	1038	2201	2205
	700 mm dia	Meter	1341	2799	2838
	800 mm dia	Meter	1718	3699	3683
	900 mm dia	Meter	2167	4635	4642
	1000 mm dia	Meter	2641	5219	5441
	1100 mm dia	Meter	3087	6133	6261
	1200 mm dia	Meter	3483	7226	7316
	1400 mm dia	Meter	4994	9561	10338
	1600 mm dia	Meter	6176	12359	12215
	1800 mm dia	Meter	6860	16334	16316

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

Cost Cement. Rs.3295/- per MT (excluding all taxes and freight).

Steel (M.S. Rods) - Rs.25696/- 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 2009-10		
			P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Meter	182	203	229
	100 mm dia	Meter	204	241	279
	150 mm dia	Meter	282	359	439
	200 mm dia	Meter	328	467	615
	225 mm dia	Meter	369	530	682
	250 mm dia	Meter	403	563	708
	300 mm dia	Meter	541	809	997
	350 mm dia	Meter	673	1132	1451
	400 mm dia	Meter	798	1504	1922
	450 mm dia	Meter	846	1780	2354
	500 mm dia	Meter	1135	1916	2661
	600 mm dia	Meter	1553	2860	3666
	700 mm dia	Meter	2067	3729	4637
	800 mm dia	Meter	2584	4389	5581
	900 mm dia	Meter	3110	5136	
	1000 mm dia	Meter	3936	5842	
	1100 mm dia	Meter	4723		
	1200 mm dia	Meter	5535		

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

Cost Cement. Rs.3295/- per MT (excluding all taxes and freight).

Steel (M.S. Rods) - Rs.25696/- 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 2009-10			
				Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Meter		116	125	156
	100 mm dia	Rate/Meter		153	192	237
	125 mm dia	Rate/Meter		199	248	312
	150 mm dia	Rate/Meter		283	352	439
	200 mm dia	Rate/Meter		473	596	758
	250 mm dia	Rate/Meter		597	765	961
	300 mm dia	Rate/Meter		841	1082	1378
	350 mm dia	Rate/Meter		1028	1335	1673
	400 mm dia	Rate/Meter		1340	1740	2159
	450 mm dia	Rate/Meter		1567	2072	2598
	500 mm dia	Rate/Meter		1952	2542	3195
	600 mm dia	Rate/Meter		2768	3602	4591
	<p>1. The above rates of AC Pipes are based on the Cement cost of RS 3295/- per MT (excluding all taxes and freight).</p> <p>2. The above rates of AC pipes are based on the Fiber cost of Rs 31719/- per M.T (Excluding all taxes & Frieght)</p>					

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 2009-10			
0				Class - 15	Class - 20	Class – 25
	80 mm dia	Rate/Each		64	67	77
	100 mm dia	Rate/Each		84	86	103
	125 mm dia	Rate/Each		105	113	136
	150 mm dia	Rate/Each		119	149	185
	200 mm dia	Rate/Each		221	232	297
	250 mm dia	Rate/Each		256	320	409
	300 mm dia	Rate/Each		333	430	552
	350 mm dia	Rate/Each		435	563	722
	400 mm dia	Rate/Each		671	877	1133
	450 mm dia	Rate/Each		805	1061	1372
	500 mm dia	Rate/Each		960	1286	1650
	600 mm dia	Rate/Each		1144	1418	1814

1. The above rates of AC Coupling are based on the Cement cost of RS 3295/- per MT (Excluding all taxes and freight).
2. The above rates of AC Coupling are based on the Fiber cost of Rs 31719/- per M.T (Excluding all taxes & Frieght)

11. S o R FOR PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES FOR THE YEAR 2009-10

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 2009-10					
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
			6	8	10	12	14	16
			Kg/cm2	Kg/cm2	Kg/cm2	Kg/cm2	Kg/cm2	Kg/cm2
	350 MM DIA	Metre	2386	2386	2404	2409	2446	2532
	400 MM DIA	Metre	2568	2587	2604	2627	2663	2699
	450 MM DIA	Metre	2712	2719	2734	2776	2831	2886
	500 MM DIA	Metre	2932	2937	2941	2991	3035	3119
	600 MM DIA	Metre	3366	3369	3390	3467	3558	3649
	700 MM DIA	Metre	4131	4120	4160	4223	4351	4415
	800 MM DIA	Metre	4847	4853	4948	5028	5202	5309
	900 MM DIA	Metre	5606	5598	5690	5873	6063	6323
	1000 MM DIA	Metre	6566	6563	6711	6912	7197	7490
	1100 MM DIA	Metre	7432	7476	7628	7987	8213	8522
	1200 MM DIA	Metre	8209	8277	8484	8871	9480	9544
	1300 MM DIA	Metre	11196	11688	12149	12600	13389	14281
	1400 MM DIA	Metre	12850	13355	14050	14743	15532	16149
	1500 MM DIA	Metre	14578	15176	15784	16756	17607	18306
	1600 MM DIA	Metre	16289	16970	17661	19379	19766	20567

Note: a) The above rate of PSC pipes are based on the HT wire cost of Rs.36679/-MT (Excluding taxes).
and cement price of Rs3295/- per MT (Excluding all taxes and freight)

12. S o R FOR PRE-STRESSED (CYLINDER) CONCRETE PIPES FOR THE YEAR 2009-10

Sl 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 2009-10							
			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	4,423	4,423	4,423	4,423	4,432	4,477	4,540	4,595	4,649
	450 MM DIA	Meter	4,769	4,769	4,769	4,787	4,832	4,896	4,958	5,032	5,085
	500 MM DIA	Meter	5,225	5,225	5,233	5,286	5,352	5,415	5,478	5,577	5,650
	600 MM DIA	Meter	6,187	6,223	6,305	6,386	6,467	6,549	6,666	6,784	6,902
	700 MM DIA	Meter	7,129	7,220	7,328	7,436	7,544	7,653	7,780	7,952	8,078
	800 MM DIA	Meter	8,387	8,504	8,659	8,803	8,948	9,084	9,255	9,436	9,653
	900 MM DIA	Meter	9,972	10,125	10,316	10,506	10,686	10,858	11,103	11,346	11,582
	1000 MM DIA	Meter	11,528	11,736	11,961	12,197	12,423	12,631	12,911	13,210	13,508
	1100 MM DIA	Meter	11,711	11,944	12,194	12,435	12,685	12,909	13,195	13,499	14,160
	1200 MM DIA	Meter	13,241	13,508	13,803	14,098	14,403	14,671	15,002	15,662	16,137
	1300 MM DIA	Meter	14,708	15,039	15,379	15,727	16,076	16,388	17,175	17,610	18,146
	1400 MM DIA	Meter	16,094	16,478	16,881	17,283	17,685	18,472	18,963	19,480	20,615
	1500 MM DIA	Meter	17,271	17,687	18,102	18,516	19,387	19,855	20,571	21,658	19,461
	1600 MM DIA	Meter	19,483	19,942	20,410	21,293	21,832	22,370	23,704	24,295	24,869
	1700 MM DIA	Meter	20,948	21,477	22,052	23,058	23,667	24,798	25,822	26,466	27,075
	1800 MM DIA	Meter	22,946	23,498	24,588	25,264	25,923	27,153	28,234	28,998	29,753
	1900 MM DIA	Meter	26,696	27,328	28,541	29,330	30,628	31,441	32,667	33,525	34,328
	2000 MM DIA	Meter	28,492	29,702	30,522	31,370	32,854	33,745	35,132	36,111	36,986

Note: The rates of PCCP pipes which were incorporated in the SSR are based on the following raw materials cost.

HT Wire: - Rs.36679/- (Excluding all taxes & freight)

HR Coil (Hot Rolled): - Rs.28390/- (Excluding all taxes & freight)

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

13. S o R FOR BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES FOR THE YEAR 2009-10

Description											
2											
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/cm²	14 Kg/cm²	16 Kg/cm²	18 Kg/cm²	20 Kg/cm²	22 Kg/cm²	24 Kg/cm²	26 Kg/cm²	28 Kg/cm²	30 Kg/cm²
250 MM DIA	Meter	2,429	2,429	2,429	2,429	2,429	2,429	2,428	2,440	2,441	2,591
300 MM DIA	Meter	2,718	2,718	2,718	2,718	2,718	2,727	2,776	2,866	2,895	3,075
350 MM DIA	Meter	3,317	3,317	3,317	3,323	3,319	3,314	3,370	3,466	3,542	3,732
400 MM DIA	Meter	3,626	3,626	3,630	3,630	3,623	3,765	3,888	4,010	4,147	4,762
450 MM DIA	Meter	3,977	3,984	3,980	3,968	4,125	4,272	4,412	4,568	4,726	5,226
500 MM DIA	Meter	4,455	4,439	4,432	4,592	4,796	4,969	5,179	5,330	5,745	6,133
600 MM DIA	Meter	5,834	5,831	5,811	6,093	6,362	6,598	6,863	7,138	7,554	8,044
700 MM DIA	Meter	7,006	7,017	7,413	7,800	8,161	8,574	9,155	9,376	9,810	10,610
800 MM DIA	Meter	7,866	8,310	8,811	9,288	9,743	10,501	10,982	11,818	12,366	13,356
900 MM DIA	Meter	9,705	9,862	10,496	11,107	11,698	12,076	13,480	14,178	14,835	16,125
1000 MM DIA	Meter	10,807	11,601	12,249	12,953	13,724	15,102	16,324	17,591	18,181	19,851
1100 MM DIA	Meter	15,613	15,866	15,669	17,089	18,753	19,993	21,883	23,180	24,600	27,280
1200 MM DIA	Meter	17,263	17,577	17,863	19,624	21,502	23,445	25,248	25,773	28,905	32,555

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 2009-10

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	4834.00
	600 mm dia	Meter	8.00	5761.00
	700 mm dia	Meter	8.00	6734.00
	700 mm dia	Meter	10.00	8776.00
	800 mm dia	Meter	8.00	7758.00
	800 mm dia	Meter	10.00	9032.00
	900 mm dia		8.00	8632.00
	900 mm dia	Meter	10.00	10066.00
	900 mm dia	Meter	12.00	11501.00
	1000 mm dia	Meter	8.00	9756.00

	1000 mm dia	Meter	10.00	11342.00
	1000 mm dia	Meter	12.00	12848.00
	1100 mm dia	Meter	8.00	11980.00
	1100 mm dia	Meter	10.00	13727.00
	1100 mm dia	Meter	12.00	15476.00
	1200 mm dia	Meter	8.00	13804.00
	1200 mm dia	Meter	10.00	15703.00
	1200 mm dia	Meter	12.00	17612.00
	1200 mm dia	Meter	14.00	19529.00
	1300 mm dia	Meter	8.00	15128.00
	1300 mm dia	Meter	10.00	17184.00
	1300 mm dia	Meter	12.00	19249.00
	1300 mm dia	Meter	14.00	21321.00
	1300 MM DIA	Meter	16.00	23402.00
	1400 MM DIA	Meter	8.00	16002.00
	1400 MM DIA	Meter	10.00	18215.00
	1400 MM DIA	Meter	12.00	20437.00
	1400 MM DIA	Meter	14.00	22668.00
	1400 MM DIA	Meter	16.00	24903.00
	1500 MM DIA	Meter	8.00	17126.00
	1500 MM DIA	Meter	10.00	19501.00
	1500 MM DIA	Meter	12.00	21875.00
	1500 MM DIA	Meter	14.00	24263.00
	1500 MM DIA	Meter	16.00	26655.00
	1500 MM DIA	Meter	18.00	29050.00

	1600 MM DIA	Meter	8.00	18014.00
	1600 MM DIA	Meter	10.00	20527.00
	1600 MM DIA	Meter	12.00	23063.00
	1600 MM DIA	Meter	14.00	25608.00
	1600 MM DIA	Meter	16.00	28156.00
	1600 MM DIA	Meter	18.00	30709.00
	1700 MM DIA	Meter	8.00	19123.00
	1700 MM DIA	Meter	10.00	21807.00
	1700 MM DIA	Meter	12.00	24500.00
	1700 MM DIA	Meter	14.00	27199.00
	1700 MM DIA	Meter	16.00	29903.00
	1700 MM DIA	Meter	18.00	32617.00
	1800 MM DIA	Meter	8.00	20247.00
	1800 MM DIA	Meter	10.00	23088.00
	1800 MM DIA	Meter	12.00	25938.00
	1800 MM DIA	Meter	14.00	28797.00
	1800 MM DIA	Meter	16.00	31654.00
	1800 MM DIA	Meter	18.00	34526.00
	1800 MM DIA	Meter	20.00	37401.00
	1900 MM DIA	Meter	10.00	24119.00
	1900 MM DIA	Meter	12.00	27123.00
	1900 MM DIA	Meter	14.00	30136.00
	1900 MM DIA	Meter	16.00	33156.00
	1900 MM DIA	Meter	18.00	36184.00
	1900 MM DIA	Meter	20.00	39214.00
	2000 MM DIA	Meter	10.00	25150.00
	2000 MM DIA	Meter	12.00	28313.00

	2000 MM DIA	Meter	14.00	31481.00
	2000 MM DIA	Meter	16.00	34657.00
	2000 MM DIA	Meter	18.00	37843.00
	2000 MM DIA	Meter	20.00	41027.00
	2000 MM DIA	Meter	22.00	44185.00
	2100 MM DIA	Meter	10.00	26431.00
	2100 MM DIA	Meter	12.00	29751.00
	2100 MM DIA	Meter	14.00	33076.00
	2100 MM DIA	Meter	16.00	36409.00
	2100 MM DIA	Meter	18.00	39749.00
	2100 MM DIA	Meter	20.00	43092.00
	2100 MM DIA	Meter	22.00	46447.00
	2200 MM DIA	Meter	10.00	27461.00
	2200 MM DIA	Meter	12.00	30939.00
	2200 MM DIA	Meter	14.00	34420.00
	2200 MM DIA	Meter	16.00	37910.00
	2200 MM DIA	Meter	18.00	41405.00
	2200 MM DIA	Meter	20.00	44908.00
	2200 MM DIA	Meter	22.00	48420.00
	2300 MM DIA	Meter	10.00	28742.00
	2300 MM DIA	Meter	12.00	32377.00
	2300 MM DIA	Meter	16.00	39662.00
	2300 MM DIA	Meter	18.00	43313.00
	2300 MM DIA	Meter	20.00	46973.00
	2300 MM DIA	Meter	22.00	50637.00
	2400MM DIA	Meter	10.00	29771.00
	2400 MM DIA	Meter	12.00	33562.00

	2400 MM DIA	Meter	14.00	37359.00
	2400 MM DIA	Meter	16.00	41164.00
	2400 MM DIA	Meter	18.00	44972.00
	2400 MM DIA	Meter	20.00	48788.00
	2400 MM DIA	Meter	22.00	52529.00
	2500 MM DIA	Meter	10.00	31054.00
	2500 MM DIA	Meter	14.00	38954.00
	2500 MM DIA	Meter	16.00	42915.00
	2500 MM DIA	Meter	18.00	46880.00
	2500 MM DIA	Meter	20.00	50854.00
	2500 MM DIA	Meter	22.00	54831.00
	2600 MM DIA	Meter	12.00	36185.00
	2600 MM DIA	Meter	14.00	40299.00
	2600 MM DIA	Meter	16.00	44417.00
	2600 MM DIA	Meter	18.00	48538.00
	2600 MM DIA	Meter	20.00	52669.00
	2600 MM DIA	Meter	22.00	56804.00

The above rates of MS Spiral pipes are based on the following raw materials cost.
MS Plates = Rs 27603/- Per MT.

BUILDINGS ITEMS

GOVERNMENT OF ANDHRA PRADESH
ROADS AND BUILDINGS DEPARTMENT
Buildings SoR 2009-10 (Civil & WS Items)

Sl. No	Item Code	Description of item	Unit	BASIC RATE for SOR 2009-10 excluding subsumed taxes
1	2	3	4	5
	A.	BRICKS & BUILDING BLOCKS <i>(Ex-quarry price - including material VAT, loading excluding cost of conveyance, unloading & stacking)</i>		
		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	2839
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	3832
		FLY-ASH CEMENT/LIME SOLID BLOCKS <i>(ex-quarry price - excluding cost of conveyance, loading & unloading)</i>		
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	12
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	11
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	7
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	7
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	3
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	7
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	6
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	11

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	8
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	6
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	5
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	2
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	6
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	5
17	BMT-A.17	Supply of well burnt cinder aggregates as per IS: 2686-1977	1 Cum	410
		AUTOCLAVED CONCRETE BLOCKS		
		(landing cost - including cost of conveyance, loading & unloading)		
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	54
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	75
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	99
		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	62
23	BMT-B.02	Kadapa slab 50 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	71
24	BMT-B.03	Shahabad /Tandur Rough Stone slabs of minimum of 25 mm thick	10 Sqm	622
25	BMT-B.04	Shahabad / Tandur Rough Stone slabs of minimum 40 mm thick	10 Sqm	802
26	BMT-B.05	Polished Shahabad/ Tandur stone slabs of 15 to 18 mm thick	10 Sqm	1070
27	BMT-B.06	Polished black Kadapa slabs minimum of 15 mm thick (0.457x0.457M)	10 Sqm	892
28	BMT-B.07	Polished Bethamcherla pure (marble type) white stone minimum 25 mm thick (0.254Mx0.254M)	10 Sqm	2497

29	BMT-B.08	Polished Bethamcherla coloured stone minimum 25 mm thick (0.254M x0.254M)	10 Sqm	1784
		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	1906
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	1658
32	BMT-B.11	High Polished Granite 16 to 18 mm thick up to 2.43 M black	1 Sqm	1409
		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	472
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	381
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	647
36	BMT-B.15	Polished Marble Tiles of 8 - 10 mm thickness of all sizes and varieties	1 sqm	308
37	BMT-B.16	Granite stone tiles 8 mm thick (mirror polished of all shades)	1 sqm	647
	C.	WALL & FLOOR TILES		
		(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	310
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	373
41	BMT-C.03	Supply of decorated white background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	380
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	424
43	BMT-C.05	Supply of decorated coloured background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	402
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	232
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	275
46	BMT-C.08	Supply of precast terrazzo tiles 20 mm thick of medium shades	1 sqm	197
47	BMT-C.09	Supply of precast terrazzo tiles 20 mm thick of dark shades	1 Sqm	191
48	BMT-C.10	Supply of coloured precast terrazzo tiles of 20 mm thick	1 Sqm	207
49	BMT-C.11	Supply of white/ plain precast terrazzo tiles of 20 mm thick	1 Sqm	161
50	BMT-C.12	Supply of grey precast terrazzo tiles of 20 mm thick	1 Sqm	93

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	849
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	749
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	699
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	599
55	BMT-C.17	Supply of vitrified polished floor tiles of size not less than 400 x 400 x7mm thickness normal colours	1 Sqm	449
56	BMT-C.18	Supply of glass mosaic tiles 1st quality of size 20x20x4 mm thick	1 Sqm	948
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	103
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	82
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	117
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	123
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	118
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	125
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	123

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	133
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	128
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	141
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	204
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	237
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	195
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	233
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	233
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	283
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	240
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	291
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	196

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	874
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	290
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	332
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	373
80	BMT-C.42	Supply of plain exterior wall tiles of thickness 20 mm of any size for wall claddings	1 Sqm	298
81	BMT-C.43	Supply of exterior design wall tiles of thickness 20 mm of any size for wall claddings	1 Sqm	381
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	429
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	460
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	619
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	644
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	808
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	828
	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	190
137	BMT-D.02	Chequered Terrazzo tiles of 22 mm thick (Dark shade) 0.254 M x 0.406 M	1 sqm	173
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	173
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	184

140	BMT-D.05	Chequered Terrazzo tiles of 30 mm thick (medium shade) 0.305 M x 0.305 M	1 sqm	162
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	506
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	455
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	401
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	442
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	502
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	241
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	261
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	402
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	425
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	474
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	307

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	337
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	368
	E.	TIMBER & ROOFING MATERIALS (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	45373
169	BMT-E.02	Medium Teak Wood scantlings: 2.0 to 3.0 M	1 cum	48301
170	BMT-E.03	Medium Teak Wood scantlings: above 3.0 M	1 cum	51228
171	BMT-E.04	Medium Teak Wood Plancks: any thickness	1 cum	84892
172	BMT-E.05	Best Teak Wood scantlings: up to 2.0 M	1 cum	64401
173	BMT-E.06	Best Teak Wood scantlings: 2.0 to 3.0 M	1 cum	67328
174	BMT-E.07	Best Teak Wood scantlings: above 3.0 M	1 cum	70255
175	BMT-E.08	Best Teak Wood Plancks: any thickness	1 cum	96601
176	BMT-E.09	Burma Teak Wood scantlings: up to 2.0 M	1 cum	102456
177	BMT-E.10	Burma Teak Wood scantlings: 2.0 to 3.0 M	1 cum	105383
178	BMT-E.11	Burma Teak Wood scantlings: above 3.0 M	1 cum	108311
179	BMT-E.12	Burma Teak Wood Plancks: any thickness	1 cum	120021
180	BMT-E.13	Assam Teak Wood scantlings: any length	1 cum	29273
181	BMT-E.14	Assam Teak Wood Plancks: any thickness	1 cum	42446
182	BMT-E.15	Sal Wood scantlings: any length	1 cum	32201
183	BMT-E.16	Sal Wood Plancks: any thickness	1 cum	40982
184	BMT-E.17	A.C sheet Corrugated 6 mm thick	1 sqm	156
185	BMT-E.18	A.C sheet plain 4 m thick	1 sqm	112
186	BMT-E.19	A.C sheet plain 6 m thick	1 sqm	116
187	BMT-E.20	Plain or Corrugated Galvanized iron sheets as per IS 277 (0.1 mm to 0.8 mm thickness)	1 kg	41
	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	193
191	BMT-F.02	Country Nails	1 Kg	37
192	BMT-F.03	Wire Nails	1 Kg	37
193	BMT-F.04	Mild Steel Tubes & pipes of all diameters as per IS-1161	1 Kg	37
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	174
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	49
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	49
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	86
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	86
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	86
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	119
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	119
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	119
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	135
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	135
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	135
207	BMT-F.18	Galvanized Iron fly proof wire mesh of not less than 20 gauge	1 Sqm	128

208	BMT-F.19	Stainless steel fly proof wire mesh of not less than 20 gauge	1 Sqm	312
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	282
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	224
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	191
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	141
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	340
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	282
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	232
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	182
217	BMT-F.28	Rabbit wire mesh (chicken mesh) of not less than 30 gauge	1 Sqm	10
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	1658
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	1451
	G.	FIXTURES FOR DOORS & WINDOWS		
232	BMT-G.01	Brass Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	63

233	BMT-G.02	Brass Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	93
234	BMT-G.03	Brass Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	124
235	BMT-G.04	Brass Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	154
236	BMT-G.05	Brass Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	191
237	BMT-G.06	Aluminium Tower Bolt-10 mm Bolt (IS:204) 75 mm Long	Each	39
238	BMT-G.07	Aluminium Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	47
239	BMT-G.08	Aluminium Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	57
240	BMT-G.09	Aluminium Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	71
241	BMT-G.10	Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	85
242	BMT-G.11	Aluminium Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	99
243	BMT-G.12	Aluminium Tower Bolt-10 mm Bolt (IS:204) 350 mm Long	Each	269
244	BMT-G.13	Aluminium Tower Bolt-10 mm Bolt (IS:204) 450 mm Long	Each	340
245	BMT-G.14	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	15
246	BMT-G.15	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	22
247	BMT-G.16	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	31
248	BMT-G.17	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	42
249	BMT-G.18	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	52
250	BMT-G.19	Brass Butt hinges (IS:205)- 75 mm Long	Each	27
251	BMT-G.20	Brass Butt hinges (IS:205)- 100 mm Long	Each	86
252	BMT-G.21	Brass Butt hinges (IS:205)- 125 mm Long	Each	104
253	BMT-G.22	Brass Butt hinges (IS:205)- 150 mm Long	Each	138
254	BMT-G.23	Aluminium Butt hinges (IS:205)- 75 mm Long	Each	56
255	BMT-G.24	Aluminium Butt hinges (IS:205)- 100 mm Long	Each	67
256	BMT-G.25	Aluminium Butt hinges (IS:205)- 125 mm Long	Each	80
257	BMT-G.26	Aluminium Butt hinges (IS:205)- 150 mm Long	Each	83
258	BMT-G.27	MS-Powder Coated Butt hinges (IS:205)- 75 mm Long	Each	7
259	BMT-G.28	MS-Powder Coated Butt hinges (IS:205)- 100 mm Long	Each	13
260	BMT-G.29	MS-Powder Coated Butt hinges (IS:205)- 125 mm Long	Each	19

261	BMT-G.30	MS-Powder Coated Butt hinges (IS:205)- 150 mm Long	Each	26
262	BMT-G.31	Aluminium Door Handles (IS:208) 75 mm Long	Each	37
263	BMT-G.32	Aluminium Door Handles (IS:208) 100 mm Long	Each	42
264	BMT-G.33	Aluminium Door Handles (IS:208) 125 mm Long	Each	63
265	BMT-G.34	Aluminium Door Handles (IS:208) 150 mm Long	Each	70
266	BMT-G.35	MS-Powder Coated Door Handles (IS:208) 125 mm Long	Each	19
267	BMT-G.36	MS-Powder Coated Door Handles (IS:208) 150 mm Long	Each	28
268	BMT-G.37	Brass Aldrop (IS:2681) 300 mm long	Each	560
269	BMT-G.38	Brass Aldrop (IS:2681) 350 mm long	Each	1077
270	BMT-G.39	Brass Aldrop (IS:2681) 450 mm long	Each	1533
271	BMT-G.40	Aluminium Aldrop (IS:2681) 200 mm long	Each	166
272	BMT-G.41	Aluminium Aldrop (IS:2681) 250 mm long	Each	197
273	BMT-G.42	Aluminium Aldrop (IS:2681) 300 mm long	Each	214
274	BMT-G.43	MS-Powder Coated Aldrop (IS:2681) 200 mm long	Each	66
275	BMT-G.44	MS-Powder Coated Aldrop (IS:2681) 250 mm long	Each	86
276	BMT-G.45	MS-Powder Coated Aldrop (IS:2681) 300 mm long	Each	103
277	BMT-G.46	Brass Door Stoppers	Each	112
278	BMT-G.47	Brass Windows Stay	Each	128
279	BMT-G.48	Aluminium Flat Latches: 200 mm long	Each	80
280	BMT-G.49	Aluminium Flat Latches: 250 mm long	Each	90
281	BMT-G.50	Aluminium Flat Latches: 300 mm long	Each	95
282	BMT-G.51	MS-Powder Coated Flat Latches: 250 mm long	Each	32
283	BMT-G.52	MS-Powder Coated Flat Latches: 300 mm long	Each	41
284	BMT-G.53	MS-Powder Coated - Door Stoppers	Each	28
285	BMT-G.54	Supply & fixing drapery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	RM	73
286	BMT-G.55	Supply & fixing drapery bracket - brass powder coated	pair	256
287	BMT-G.56	Deluxe window stay Aluminium	Each	73
288	BMT-G.57	Heavy duty Aluminium Door stopper	Each	31
289	BMT-	Brass fancy handles 150 mm	Each	191

	G.58			
290	BMT-G.59	Brass fancy handles 200 mm	Each	259
291	BMT-G.60	Brass fancy handles 250 mm	Each	466
292	BMT-G.61	Brass fancy handles 300 mm	Each	595
293	BMT-G.62	Brass fancy handles 450 mm	Each	930
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	635
295	BMT-G.64	Double action Stainless steel cover plate and cast body iron floor spring (IS 6315- Table-1)	Each	803
296	BMT-G.65	Double action Brass cover plate and cast brass body floor spring (IS 6315- Table-1)	Each	2008
297	BMT-G.66	Heavy duty mortise lock 6/7 levers (IS:2209) with PC or CP handles complete set	Each	393
298	BMT-G.67	Heavy duty mortise lock 6/7 levers (IS:2209) with brass heavy handles	Each	1369
299	BMT-G.68	Brass latch heavy 300 mm	Each	327
300	BMT-G.69	Brass latch heavy 350 mm	Each	375
301	BMT-G.70	Brass latch heavy 450 mm	Each	496
302	BMT-G.71	Friction stay hinges for windows	Each	61
303	BMT-G.72	Keyless lockset for toilet doors with CP or PC knob handles (complete set)	Each	177
304	BMT-G.73	Keyless lock set for toilet doors with brass knob handles	Each	468
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	589
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	680
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	713
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	1906

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	1492
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	6631
	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	20
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	143
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.	236
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	394

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	332
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	55
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	58
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	73
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	65
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	65
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	70
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	55
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	46

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	65
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	76
326	BMT-H.16	Waterproof Cement Mortar Plasticizer : Roofplast MP/ Morflow SN 1 or Zoriplast MP (Dosage : 100 ml per bag of 50 Kgs Cement) or Equivalent.	Litre	30
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	106
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	9
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	29
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	32
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	20
332	BMT-H.22	Surface treatment water Based high power curing compounds: Curaid SN1 or Roofexure WB/Zoricure WB (Coverage : 5-6 Sq. Mtrs / Ltr / Coat) or Equivalent.	Litre	59
333	BMT-H.23	Concrete wax based pigmented curing compound : Curaid SN2 or Roofexure WX/ Zoricure SB or Equivalent. (Coverage : 4-5 Sq. Mtrs / Ltr / Coat)	Litre	63
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	64
335	BMT-H.25	Cleaning and acid etching agents: Tilex Kleen AC/ Uniklen SN1 or Zorikleen AC or Equivalent.	Litre	41
336	BMT-H.26	Ready to use universal degreasing and cleaning agents:Tilex Kleen DA/ Uniklen SN2 or Zorikleen DA or Equivalent.	Litre	55
337	BMT-H.27	Liquid Cleaning Agent: Tilex Kleen LC/ Uniklen SN3 or Zorikleen LC or Equivalent.	Litre	121
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	11
339	BMT-H.29	Non-shrink Free flow grout: Rapidstrong Grout GP3/Expacrete SN70 or Zorigrout GP 3	Kg	12
340	BMT-H.30	Non-shrink Free flow grout: Rapidstrong Grout GP4/ Expacrete SN90 or Zorigrout GP 4	Kg	17

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	24
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	600
343	BMT-H.33	Epoxy Resin Grouts:Rapidstrong Grout EP3/ Expacrete SNE 3 or Zorigrout EP 3 or Equivalent.	Kg	2184
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	150
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	1417
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	23
347	BMT-H.37	Non oxidizing, heavy duty metallic Floor Hardeners:Rapidstrong FM/ Flortop SNS or Zorifloor NH or Equivalent.	Kg	14
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	491
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	467
350	BMT-H.40	Essenputty SNE or Epoxy putty - Roofcrete Putty EP/ Zoriputty EP or Equivalent	Kg	225
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	1105
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	792
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	3345
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	2593
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	1282
356	BMT-H.46	Epoxy based repair mortar / concrete : Roofcrete EP/ Flortop SNFM or Zorcrete EP or Equivalent.	Litre	970

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	545
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	1119
359	BMT-H.49	Epoxy Primer for floor coatings and protective coatings - Procoat SNP or Roofbond EFC Primer/ Zoriprime EFC or Equivalent.	Pack	525
360	BMT-H.50	Epoxy primer for Hibond floor & protective coatings : Procoat SNP2 or Roofbond EFC2 Primer/ Zoriprime EFC 2	Pack	910
361	BMT-H.51	Cementitious Micro concrete Repair products: Repcrete SNC or Roofcrete MC/Zoricrete MC or Equivalent.	Kg	12
362	BMT-H.52	Repair Products:Repcrete SNE1 or Epoxy mortar - Roofcrete EP/Zoricrete EPM or Equivalent	Kg	1126
363	BMT-H.53	Under water epoxy resin system for repair products : Repcrete SNW or Roofcrete EUW/Zoricrete EUW or Equivalent.	Kg	751
364	BMT-H.54	Under water epoxy resin system mortar – Repcrete SNW Mortar or Roofcrete EUW/Zoricrete EMU	Kg	232
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	29
366	BMT-H.56	High durable cementitious acrylic based two pack Waterproofing systems : Aqua coat SNF or Roofbond RFX/Zoricoat RX or Equivalent. (12 – 14 m2 in two coats to achieve 1mm thickness)	Kg	1799
367	BMT-H.57	Water Repellents: Aquarepel SN1 or Water based silicon water repellent, Nano technology - Rain care WR/ Zoripel WB or Equivalent	Litre	61
368	BMT-H.58	Tile Adhesives: Tilegrip SNU or Tilex/ Zorimix or Equivalent. (At 3mm thickness 7-9 Sqm / 25 Kgs)	Kg	17
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	235
370	BMT-H.60	Epoxy based Bonding adhesive: Conbond SNE or Roofbond EP/Zoribond EP or Equivalent. (Coverage : 20 – 25 SFT / Kg /Coat)	Pack	627
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	172
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	37
373	BMT-H.63	Concrete Plasticizers: HI-PLAST 02 or Roofbond High plast – 2 (Dosage : 200 ml per bag of 50 Kgs Cement)	Litre	47
374	BMT-H.64	Concrete Plasticizers: HI-PLAST PA or Roofbond AC	Litre	62
375	BMT-	Super Plasticizers: HI-PLAST SP or Roofbond SP 30	Litre	47

	H.65			
376	BMT-H.66	Super Plasticizers: HI-PLAST SP AR or Roofbond SP 40	Litre	47
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	60
378	BMT-H.68	Retarding Plasticizers: HI-PLAST RT or Roofbond RT 30	Litre	37
379	BMT-H.69	Air Entraining Agents: HI-PLAST A.E or Roofbond AEA	Litre	37
380	BMT-H.70	Retarding Super Plasticizers: HI-PLAST SP RT or Roofbond SR 30	Litre	47
381	BMT-H.71	HI-PLAST RSP or Roofbond SR 40 or Equivalent.	Litre	62
382	BMT-H.72	Mortar Plasticizers: HI-PLAST MP or Roofbond MP (Dosage : 100 ml Per Bag of 50 Kgs Cement)	Litre	17
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	54
384	BMT-H.74	HI-PROOF (P) or Conproof P/Roofbond - P or Equivalent (Dosage : 1 Kg Per Bag of 50 Kgs Cement).	Kg	7
385	BMT-H.75	or Roofbond 750 or Equivalent	Litre	9
386	BMT-H.76	Block Admixtures: HI-ADMIX or Roofbond BA or Equivalent (Dosage : 20 ml Per bag of 50 Kgs Cement)	Litre	18
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	18
388	BMT-H.78	Surface Treatments curing compounds: HI-CURE 01 or Roofex WB /Roofcoat/ Zoricoat	Litre	47
389	BMT-H.79	Surface Treatments Polyurethane curing compounds: HI-CURE 02 or Roofex WXB/ Roofcare PU/ Zoricoat PU	Litre	50
390	BMT-H.80	Surface Treatments Crystalline Repair Products: HI-CRM or Roofex GP2 or Zoripex Equivalent	Kg	11
391	BMT-H.81	Polyurethane Sealant - Roofseal PU/ Zoriseal PUHI-CRM EX or Roofex EC or Equivalent	Kg	1334
392	BMT-H.82	Polyurethane Sealant - Roofseal PS/ Zoriseal PS/HI-CRM EXW or Roofex EW or Equivalent.	Kg	666
393	BMT-H.83	Structural graded polymer modified reinstatement concrete / mortar – Roofcrete AR/ Zoricrete CMG or Equivalent	Kg	187
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	1469
395	BMT-H.85	Water Repellents: Solvent based silicon water repellent compound - Roofcare WR/Zoripel SB or Equivalent. (Direct application)	Litre	45

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	15
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	202
398	BMT-H.88	HI-FIX Epoxy tile mortar - Tilex EH/ Zorimix EH or Equivalent	Kg	555
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	311
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	257
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	279
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	805
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	22
404	BMT-H.94	Bitumen solution primer of approved quality: Rainseal BT primer/ Zoriprime BT or Equivalent.	1 Kg	37
405	BMT-H.95	Tarfelt Rainseal Felt/ Zorifelt BT Type : 2 Grade : 1 or Equivalent	1 sqm	61
	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	277
467	BMT-I.02	Plain Float Glass 5 mm thick	1 sqm	354
468	BMT-I.03	Plain Float Glass 6 mm thick	1 Sqm	381
469	BMT-I.04	Plain Float Glass 8 mm thick	1 Sqm	591
470	BMT-I.05	Plain Float Glass 10 mm thick	1 Sqm	696
471	BMT-I.06	Plain Float Glass 12 mm thick	1 Sqm	868
472	BMT-I.07	Tinted - Bronze/ Green Glass 4 mm thick	1 sqm	375
473	BMT-I.08	Tinted - Bronze/ Green Glass 5 mm thick	1 sqm	472
474	BMT-I.09	Tinted - Bronze/ Green Glass 6 mm thick	1 Sqm	529
475	BMT-I.10	Tinted - Bronze/ Green Glass 8 mm thick	1 Sqm	846
476	BMT-I.11	Tinted - Bronze/ Green Glass 10 mm thick	1 Sqm	1081

477	BMT-I.12	Tinted - Bronze/ Green Glass 12 mm thick	1 Sqm	1295
478	BMT-I.13	Pin headed Glass 4 mm thick	1 sqm	182
479	BMT-I.14	Pin headed Glass 5 mm thick	1 sqm	312
480	BMT-I.15	Frosted / Ground Glass 4 mm thick	1 sqm	402
481	BMT-I.16	Frosted / Ground Glass 5 mm thick	1 sqm	505
482	BMT-I.17	Toughened Plain Glass 5 mm (including Glass)	1 sqm	797
483	BMT-I.18	Toughened Plain Glass 6 mm (including Glass)	1 sqm	918
484	BMT-I.19	Toughened Plain Glass 8 mm (including Glass)	1 sqm	1331
485	BMT-I.20	Toughened Plain Glass 10 mm (including Glass)	1 sqm	1568
486	BMT-I.21	Toughened Plain Glass 12 mm (including Glass)	1 sqm	1809
	J.	PAINTS & POLISHES		
		(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	77
488	BMT-J.02	Supply of water based Cement Primer of Exterior Grade- 2	1 Kg	46
489	BMT-J.03	Supply of Red Oxide Primer Paint for iron works of Grade -1	1 Litre	69
490	BMT-J.04	Supply of Zinc Chromate Yellow Oxide Primer paint for iron works	1 Litre	100
491	BMT-J.05	Supply of Wood Primer	1 Litre	77
492	BMT-J.06	Supply of Metal paste (Putty) for steel works	1 Kg	77
493		Supply of Putty for wood work	1 Kg	77
494	BMT-J.08	Supply of White Lead	1 Kg	55
495	BMT-J.09	Supply of Synthetic clear Varnish	1 Litre	77
496	BMT-J.10	Supply of Spirit	1 Litre	54
497	BMT-J.11	Supply of Linseed Oil	1 Litre	31
498	BMT-J.12	Supply of thinner for melamine polish/ french polish	1 Litre	70
499	BMT-J.13	Supply of thinner for Poly-urethane polish	1 Litre	146
500	BMT-J.14	Supply of French Polish	1 Litre	101
501	BMT-J.15	Supply of ready made Wax Polish	1 Kg	307
502	BMT-J.16	Supply of Melamine Polish	1 Litre	169
503	BMT-J.17	Supply of Interior Grade Poly-Urethane Polish	1 Litre	345

504	BMT-J.18	Supply of Exterior Grade Poly-Urethane Polish	1 Litre	421
505	BMT-J.19	Supply of wood adhesive compound	1 Kg	120
506	BMT-J.20	Supply of Dry Powder Distemper	1 Kg	23
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	46
508	BMT-J.22	Supply of synthetic polymer plastic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	138
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	230
510	BMT-J.24	Supply of Water proof Cement paint	1 Kg	27
511	BMT-J.25	Supply of acrylic exterior emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	104
512	BMT-J.26	Supply of water proof Cement paint pack	25 Kg	628
513	BMT-J.27	Supply of paint grade white lime for wash	25 Kg	268
514	BMT-J.28	Supply of anti-corrosive grade - 1 bitumen paint of black colour	1 Litre	276
515	BMT-J.29	Supply of grade-1 aluminium paint	1 Litre	138
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	130
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	100
518	BMT-J.32	Supplying and finishing Synthetic plaster comprising of Acrylic emulsion binder with sieved fillers, application performance additives like thickeners, anti cracking and biocides - interior grade		46
519	BMT-J.33	Supplying and finishing Synthetic plaster comprising of Acrylic emulsion binder with sieved fillers, application performance additives like thickeners, anti cracking and biocides - interior water resistant grade		46
520	BMT-J.34	Supplying and finishing Synthetic ready mix plaster comprising of Acrylic emulsion binder with bigger size sieved fillers, application performance additives like thickeners, surface levelling for heavy undulations - interior grade		54
521	BMT-J.35	Supplying and finishing Synthetic ready mix plaster comprising of Acrylic emulsion binder with bigger size sieved fillers, application performance additives like thickeners, surface levelling for medium undulations - interior grade		54

522	BMT-J.36	Supply & Application of Two Coats of Altek/sai coat/ Neon Super Fine, One Coat of Altek/ sai coat/ Neon Water Based Cement Primer & Two Coats of Altek Flora/ sai coat/ Neon/Indocem/ PMCC/ ESSAR super track for internal walls (Emulsion Paint)		73
523	BMT-J.37	Supply & Application of Two Coats of Altek/sai coat/ Neon/Indocem/ PMCC/ ESSAR Super Fine, One Coat of Altek/sai coat/ Neon Water Based Cement Primer & Two Coats of Delight for internal walls (Acrylic Washable Distemper)		69
524	BMT-J.38	Supply & Application One Coat of Altek/ sai coat/ Neon/Indocem/ PMCC/ ESSAR Water Based Cement Primer & Two Coats of Altek Harmony/sai coat/ Neon Espro with fungicides for exterior walls(Emulsion Paint Exterior Grade).		74
525	BMT-J.39	Supply & Application of One Coat of Altek/sai coat/ Neon/Indocem/ PMCC/ ESSAR Water Based Cement Primer & Two Coats of Altek Alltime/sai coat/ Neon weather flex for exterior walls (Acrylic Emulsion Paint Exterior grade)		101
526	BMT-J.40	Supply of wall putty of White Cement or Polymer or Cement based	20 Kg	460
527	BMT-J.41	Altek / PMCC or Equivalent top coat high UV resistant exterior paint	25 Kg	1075
528	BMT-J.42	PMCC / Deco orient base or Equivalent exterior Texture.	25 Kg	414
529	BMT-J.43	PMCC or Equivalent Gold line Exterior Texture	25 Kg	1005
530	BMT-J.44	NCL Skim coat 1127/ or PMCC or equivalent white cement based, polymer modified dry mix putty, specially made to work on levelled, cement sponge finished interior and exterior surfaces Supply and application of Two Coats of Cement based putty 1127, inclusive of all taxes for finished item of work	1 Sqm	54
	BMT-J.45	Supply & application of One coat of Altek / PMCC Water base Cement Primer & two coats of top coat high UV resistant & water resistant exterior paint, inclusive of all taxes for finished item of work	1 Sqm	50
531	BMT-J.46	Supply & application of One Coat Water based Cement Primer, One coat of Deco / PMCC Orient Base Exterior Texture & two coats of Altek Harmony (Emulsion paint exterior grade) inclusive of all taxes for finished item of work	1 Sqm	178
532	BMT-J.47	Supply & application of One coat of Water based Cement Primer, One coat of Gold line Exterior Roller Finish, inclusive of all taxes for finished item of work	1 Sqm	187
	K.	PARTICLE BOARDS <i>(Landing cost - including material VAT, loading, cost of conveyance, unloading & stacking)</i>		
539	BMT-K.01	Plain Particle Board: Interior Grade - 6 mm thick	1 Sqm	163
540	BMT-K.02	Plain Particle Board: Interior Grade - 8 mm thick	1 Sqm	174

541	BMT-K.03	Plain Particle Board: Interior Grade - 10 mm thick	1 Sqm	192
542	BMT-K.04	Plain Particle Board: Interior Grade - 12 mm thick	1 Sqm	204
543	BMT-K.05	Plain Particle Board: Interior Grade - 18 mm thick	1 Sqm	251
544	BMT-K.06	Plain Particle Board: Interior Grade - 21.4 mm thick	1 Sqm	297
545	BMT-K.07	Plain Particle Board: Interior Grade - 25 mm thick	1 Sqm	314
546	BMT-K.08	Plain Particle Board: Interior Grade - 35 mm thick	1 Sqm	546
547	BMT-K.09	Plain Particle Board: Exterior Grade- 8 mm thick	1 Sqm	204
548	BMT-K.10	Plain Particle Board: Exterior Grade-12 mm thick	1 Sqm	227
549	BMT-K.11	Plain Particle Board: Exterior Grade-18 mm thick	1 Sqm	297
550	BMT-K.12	Plain Particle Board: Exterior Grade-21.4 mm thick	1 Sqm	348
551	BMT-K.13	Plain Particle Board: Exterior Grade-25 mm thick	1 Sqm	395
552	BMT-K.14	Plain Particle Board: Exterior Grade-35 mm thick	1 Sqm	645
553	BMT-K.15	Melamine faced Single Deco PPB- 8 mm thick	1 Sqm	422
554	BMT-K.16	Melamine faced Single Deco PPB- 12 mm thick	1 Sqm	478
555	BMT-K.17	Melamine faced Single Deco PPB- 18 mm thick	1 Sqm	555
556	BMT-K.18	Melamine faced Single Deco PPB- 25 mm thick	1 Sqm	628
557	BMT-K.19	Melamine faced Single Deco PPB- 35 mm thick	1 Sqm	1045
558	BMT-K.20	Melamine faced Twin Deco PPB- 8 mm thick	1 Sqm	485
559	BMT-K.21	Melamine faced Twin Deco PPB- 12 mm thick	1 Sqm	555
560	BMT-K.22	Melamine faced Twin Deco PPB-18 mm thick	1 Sqm	642
561	BMT-K.23	Melamine faced Twin Deco PPB-25 mm thick	1 Sqm	710
562	BMT-K.24	Melamine faced Twin Deco PPB-35 mm thick	1 Sqm	1336
563	BMT-K.25	Natural Colour-Insulating Board - 12 mm thick	1 Sqm	157
564	BMT-K.26	Natural Colour-Insulating Board - 18 mm thick	1 Sqm	232
565	BMT-K.27	Natural Colour-Insulating Board - 25 mm thick	1 Sqm	296
566	BMT-K.28	White Insulating Board - 12 mm thick	1 Sqm	192
567	BMT-K.29	White Insulating Board - 18 mm thick	1 Sqm	274
568	BMT-K.30	White Insulating Board - 25 mm thick	1 Sqm	244

569	BMT-K.31	Extra for veneered particle Board with commercial veneering on both sides.	1 Sqm	93
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	197
571	BMT-K.33	Extra for veneered particle Board with Teak veneering on both sides	1 Sqm	#REF!
572	BMT-K.34	Medium Fibre Board: Interior Grade - 6 mm thick	1 Sqm	256
574	BMT-K.35	Medium Fibre Board: Interior Grade - 8 mm thick	1 Sqm	291
575	BMT-K.36	Medium Fibre Board: Interior Grade - 12 mm thick	1 Sqm	308
576	BMT-K.37	Medium Fibre Board: Interior Grade - 15 mm thick	1 Sqm	494
577	BMT-K.38	Medium Fibre Board: Interior Grade - 18 mm thick	1 Sqm	552
578	BMT-K.39	Medium Fibre Board: Interior Grade - 25 mm thick	1 Sqm	785
579	BMT-K.40	Medium Fibre Board: Interior Grade - 30 mm thick	1 Sqm	948
580	BMT-K.41	Medium Fibre Board: Interior Grade - 35 mm thick	1 Sqm	1034
581	BMT-K.42	Medium Fibre Board: Exterior Grade - 6 mm thick	1 Sqm.	349
582	BMT-K.43	Medium Fibre Board: Exterior Grade - 8 mm thick	1 Sqm.	406
583	BMT-K.44	Medium Fibre Board: Exterior Grade - 12 mm thick	1 Sqm.	538
584	BMT-K.45	Medium Fibre Board: Exterior Grade - 15 mm thick	1 Sqm.	676
585	BMT-K.46	Medium Fibre Board: Exterior Grade - 18 mm thick	1 Sqm.	756
586	BMT-K.47	Medium Fibre Board: Exterior Grade - 25 mm thick	1 Sqm.	1009
587	BMT-K.48	Medium Fibre Board: Exterior Grade - 30 mm thick	1 Sqm.	1256
588	BMT-K.49	Medium Fibre Board: Exterior Grade - 35 mm thick	1 Sqm.	1484
589	BMT-K.50	MDF Board: Plain-Interior - 9 mm thick	1 Sqm	235
590	BMT-K.51	MDF Board: Plain-Interior - 12 mm thick	1 Sqm	268
591	BMT-K.52	MDF Board: Plain-Interior - 18 mm thick	1 Sqm	331
592	BMT-K.53	MDF Board: Plain-Interior - 25 mm thick	1 Sqm	398
593	BMT-K.54	MDF Board: Plain-Interior - 30 mm thick	1 Sqm	605
594	BMT-K.55	MDF Board: Plain-Interior - 35 mm thick	1 Sqm	716
595	BMT-K.56	MDF Board: Plain-Exterior - 9 mm thick	1 Sqm	308
596	BMT-K.57	MDF Board: Plain-Exterior - 12 mm thick	1 Sqm	331
597	BMT-	MDF Board: Plain-Exterior - 18 mm thick	1 Sqm	435

	K.58			
598	BMT-K.59	MDF Board: Plain-Exterior - 25 mm thick	1 Sqm	545
599	BMT-K.60	MDF Board: Plain-Exterior - 30 mm thick	1 Sqm	716
600	BMT-K.61	MDF Board: Plain-Exterior - 35 mm thick	1 Sqm	826
601	BMT-K.62	MDF Board: Interior-One Side Laminated -9 mm thick	1 Sqm	369
602	BMT-K.63	MDF Board: Interior-One Side Laminated -12 mm thick	1 Sqm	417
603	BMT-K.64	MDF Board: Interior-One Side Laminated -18 mm thick	1 Sqm	484
604	BMT-K.65	MDF Board: Interior-One Side Laminated -25 mm thick	1 Sqm	545
605	BMT-K.66	MDF Board: Interior-One Side Laminated -30 mm thick	1 Sqm	788
606	BMT-K.67	MDF Board: Interior-One Side Laminated -35 mm thick	1 Sqm	840
607	BMT-K.68	MDF Board: Exterior-One Side Laminated -9 mm thick	1 Sqm	424
608	BMT-K.69	MDF Board: Exterior-One Side Laminated -12 mm thick	1 Sqm	475
609	BMT-K.70	MDF Board: Exterior-One Side Laminated -18 mm thick	1 Sqm	540
610	BMT-K.71	MDF Board: Exterior-One Side Laminated -25 mm thick	1 Sqm	630
611	BMT-K.72	MDF Board: Exterior-One Side Laminated -30 mm thick	1 Sqm	840
612	BMT-K.73	MDF Board: Exterior-One Side Laminated -35 mm thick	1 Sqm	892
613	BMT-K.74	MDF Board: Interior-Both Side Laminated -9 mm thick	1 Sqm	421
614	BMT-K.75	MDF Board: Interior-Both Side Laminated -12 mm thick	1 Sqm	475
615	BMT-K.76	MDF Board: Interior-Both Side Laminated -18 mm thick	1 Sqm	545
616	BMT-K.77	MDF Board: Interior-Both Side Laminated -25 mm thick	1 Sqm	684
617	BMT-K.78	MDF Board: Interior-Both Side Laminated -30 mm thick	1 Sqm	840
618	BMT-K.79	MDF Board: Interior-Both Side Laminated -35 mm thick	1 Sqm	892
619	BMT-K.80	MDF Board: exterior-Both Side Laminated -9 mm thick	1 Sqm	475
620	BMT-K.81	MDF Board: exterior-Both Side Laminated -12 mm thick	1 Sqm	539
621	BMT-K.82	MDF Board: exterior-Both Side Laminated -18 mm thick	1 Sqm	636
622	BMT-K.83	MDF Board: exterior-Both Side Laminated -25 mm thick	1 Sqm	697
623	BMT-K.84	MDF Board: exterior-Both Side Laminated -30 mm thick	1 Sqm	882
624	BMT-K.85	MDF Board: exterior-Both Side Laminated -35 mm thick	1 Sqm	945
625	BMT-K.86	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276-6 mm thick	1 sqm	141

626	BMT-K.87	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 8 mm thick	1 sqm	189
627	BMT-K.88	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 10 mm thick	1 sqm	232
628	BMT-K.89	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 12 mm thick	1 sqm	277
629	BMT-K.90	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 16 mm thick	1 sqm	366
630	BMT-K.91	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 20 mm thick	1 sqm	457
631	BMT-K.92	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 25 mm thick	1 sqm	572
632	BMT-K.93	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 30 mm thick	1 sqm	684
633	BMT-K.94	CEMENT BONDED PARTICLE BOARD CONFORMING TO IS 14276- 40 mm thick	1 sqm	911
634	BMT-K.95	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 6 mm thick	1 sqm	440
635	BMT-K.96	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 8 mm thick	1 sqm	478
636	BMT-K.97	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 10 mm thick	1 sqm	512
637	BMT-K.98	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 12 mm thick	1 sqm	560
638	BMT-K.99	PRE LAMINATED CEMENT BONDED PARTICLE BOARD- 16 mm thick	1 sqm	622
639	BMT-K.100	Cement Bonded Particle DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 6mm thick	1 sqm	163
640	BMT-K.101	Cement Bonded Particle DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 8mm thick	1 sqm	215
641	BMT-K.102	Cement Bonded Particle DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 10mm thick	1 sqm	268
642	BMT-K.103	Cement Bonded Particle DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 12mm thick	1 sqm	321
643	BMT-K.104	Cement Bonded Particle DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 16mm thick	1 sqm	421
644	BMT-K.105	Cement Bonded Board conforming to IS:14862-2000 - 4mm Thick	1 Sqm	99
645	BMT-K.106	Cement Bonded Board conforming to IS:14862-2000 - 6mm Thick	1 Sqm	142
646	BMT-K.107	Cement Bonded Board conforming to IS:14862-2000 - 8mm Thick	1 Sqm	182
647	BMT-K.108	Cement Bonded Board conforming to IS:14862-2000 - 10mm Thick	1 Sqm	211
648	BMT-K.109	Cement Bonded Board conforming to IS:14862-2000 - 12mm Thick	1 Sqm	262

649	BMT-K.110	Cement Bonded Board conforming to IS:14862-2000 - 14mm Thick	1 Sqm	293
650	BMT-K.111	Cement Bonded Board conforming to IS:14862-2000 - 16mm Thick	1 Sqm	334
651	BMT-K.112	Cement Bonded Board conforming to IS:14862-2000 - 18mm Thick	1 Sqm	378
652	BMT-K.113	Cement Bonded Board conforming to IS:14862-2000 - 20mm Thick	1 Sqm	400
653	BMT-K.114	Laminate Sheets - Glossy Finish: 1.00 mm thick	1 Sqm	234
654	BMT-K.115	Laminate Sheets - Glossy Finish: 1.50 mm thick	1 Sqm	336
	BMT-K.116	Laminate Sheets - Glossy Finish: 1.80 mm thick	1 Sqm	368
655	BMT-K.117	Laminate Sheets - Mat Finish: 1.00 mm thick	1 Sqm	250
656	BMT-K.118	Laminate Sheets - Mat Finish: 1.50 mm thick	1 Sqm	346
657	BMT-K.119	Laminate Sheets - Mat Finish: 1.80 mm thick	1 Sqm	374
658	BMT-K.120	Teak Veneer Lamination - 4 mm thick - Pencil Grains	1 Sqm	262
659	BMT-K.121	Teak Veneer Lamination - 4 mm thick - Natural Grains	1 Sqm	482
	L.	PLYWOOD (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	230
664	BMT-L.02	5 Ply - 6 mm thick Plywood(IS:303) MR Grade	1 Sqm	254
665	BMT-L.03	5 Ply - 8 mm thick Plywood(IS:303) MR Grade	1 Sqm	298
666	BMT-L.04	5 Ply - 9 mm thick Plywood(IS:303) MR Grade	1 Sqm	298
667	BMT-L.05	9 Ply - 12 mm thick Plywood(IS:303) MR Grade	1 Sqm	375
668	BMT-L.06	9 Ply - 15 mm thick Plywood(IS:303) MR Grade	1 Sqm	553
669	BMT-L.07	9 Ply - 18 mm thick Plywood(IS:303) MR Grade	1 Sqm	541
670	BMT-L.08	3 Ply - 4 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	264
671	BMT-L.09	5 Ply - 6 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	309
672	BMT-L.10	5 Ply - 8 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	385
673	BMT-L.11	5 Ply - 9 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	364
674	BMT-L.12	9 Ply - 12 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	475
	BMT-L.13	9 Ply - 15 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	682
675	BMT-L.14	9 Ply - 19 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	685

676	BMT-L.15	3 Ply-4 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	342
677	BMT-L.16	5 Ply - 6 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	444
678	BMT-L.17	5 Ply - 9 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	569
679	BMT-L.18	9 Ply - 13 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	726
680	BMT-L.19	5 Ply - 9 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	743
681	BMT-L.20	9 Ply - 12 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	866
	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	182
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	178
684	BMT-M.03	Gypsum Board Plain sheet 12.5 mm thick as per IS 2095 -1993	1 Sqm	166
685	BMT-M.04	G.I. Ceiling Angle - 25 mm x 10 mm x 0.55 mm	1 RM	54
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	61
687	BMT-M.06	G.I. Intermediate Section 45 mm x 15 mm x 15 mm x 0.9 mm	1 RM	61
688	BMT-M.07	G.I. Perimeter Channel - 20 mm x 27 mm x 30 mm (web) of 0.55 mm thick	1 RM	54
689	BMT-M.08	G.I.-Precoated Fine line Grid 25 mm x 25 mm x 0.7 mm	1 RM	30
690	BMT-M.09	G.I.-Precoated Fine line Grid 15 mm x 25 mm x 0.7 mm	1 RM	27
691	BMT-M.10	GI - Precoated - T-Sec- 24 mm x 38 mm x 0.7 mm thick	1 RM	39
692	BMT-M.11	Hot dipped GI Angle - Precoated - Grid: 19 mm x 19 mm	1 RM	29
693	BMT-M.12	Polyester painted GI - T Section - 24 x 32 mm	1 RM	36
694	BMT-M.13	Polyester painted GI - T Section - 24 x 25 mm	1 RM	32
695	BMT-M.14	Polyester painted GI - T Section - 24 mm x 27 mm	1 RM	33
696	BMT-M.15	Aluminium Angle : 24 mm x 24 mm	1 RM	19
697	BMT-M.16	Anodised Aluminium T Section : 24 x 24.5 x 2.4 mm	1 RM	25
698	BMT-M.17	Connecting Clips	1 Each	2
699	BMT-M.18	Rawl Plug	1 Each	1
700	BMT-M.19	6 mm Nylon Rawl Plug	1 Each	2
701	BMT-M.20	Soffit Cleats	1 Each	1
702	BMT-	Drywall Screws - 25 mm	1 Each	1

	M.21			
703	BMT-M.22	Jointing Compound	1 Kgs	21
704	BMT-M.23	Jointing Paper Tape	1 RM	4
705	BMT-M.24	Drywall Top Coat	1 Litre	104
706	BMT-M.25	Universal Holding Clips	1 Each	2
707	BMT-M.26	4 mm Dia GI Connecting Rod	1 RM	8
708	BMT-M.27	2 mm Dia GI Connecting Rod	1 RM	7
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	319
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	373
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	402
712	BMT-M.31	12 mm - Mineral Fiber sheet 600 x 600 (Square / Tegular) Edge tiles	1 Sqm	323
713	BMT-M.32	15 mm - Mineral Fiber sheet 600 x 600 (Square / Tegular) Edge tiles	1 Sqm	381
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/	1 Sqm	0
		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		
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	319
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	345

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	372
718	BMT-M.37	Supply of Thermocole 12 mm thick sheets	1 Sqm	19
719	BMT-M.38	Supply of Thermocole 19 mm thick sheets	1 Sqm	33
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	821
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	1216
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	5208
725	BMT-M.42	Calcium Silicate Boards - 6mm thick	1 Sqm	155
726	BMT-M.43	Calcium Silicate Boards - 8mm thick	1 Sqm	207
727	BMT-M.44	Calcium Silicate Boards - 10mm thick	1 Sqm	258
728	BMT-M.45	Calcium Silicate Boards - 12mm thick	1 Sqm	310
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	1005

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	1125
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	1244
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	596
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	657
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	716
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/m3 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	3341
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	348
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	291
738	BMT-	Designer ceiling Cement Boards -thickness 3.2 mm	1 Sqm	178

	M.55			
739	BMT-M.56	High pressure steam cured Cement Boards 4 mm thick	1 Sqm.	86
740	BMT-M.57	High pressure steam cured Cement Boards 6 mm thick	1 Sqm.	130
741	BMT-M.58	High pressure steam cured Cement Boards 8 mm thick	1 Sqm.	169
742	BMT-M.59	High pressure steam cured Cement Boards 10 mm thick	1 Sqm.	189
743	BMT-M.60	High pressure steam cured Cement Boards 12 mm thick	1 Sqm.	245
744	BMT-M.61	High pressure steam cured Cement Boards 14 mm thick	1 Sqm.	245
745	BMT-M.62	High pressure steam cured Cement Boards 16 mm thick	1 Sqm.	287
746	BMT-M.63	High pressure steam cured Cement Boards 18 mm thick	1 Sqm.	307
747	BMT-M.64	High pressure steam cured Cement Boards 20 mm thick	1 Sqm.	349
748	BMT-M.65	High pressure steam cured designer Cement Boards 4 mm thick	1 Sqm.	143
749	BMT-M.66	High pressure steam cured designer Cement Boards 6 mm thick	1 Sqm.	215
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.	622
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.	663

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.	912
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	1115
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.	1427

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	572
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 tapping 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	796
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 50mm x 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 tapping 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	1160

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	1658
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	1243
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	2176

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	2400
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	1533

763	BMT-M.80	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 strip 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	1 sqm	1456
764	BMT-M.81	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	1 sqm	1067
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	292
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	326
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	360
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	369
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	377
770	BMT-M.87	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Speckle Model	1 Sqm	394
771	BMT-M.88	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Textura Model	1 Sqm	428

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 \pm 0.3mm with tongue and groove system, provided with necessary arrangements for electrical connections, complete, for finished item of work.	1 Sqm.	1187
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 \pm 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.	1132
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 \pm 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.	1972
775	BMT-M.92	Supply and fixing of partitions made of seccolor pre-painted steel (base steel as per IS 513 of 0.6mm 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 panelled 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 phosphating. 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.93	Fixed Partition: Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm.	1 sqm	2977

777	BMT-M.94	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	3395
778	BMT-M.95	Supply & fixing of 50mm thick Aerocon/ V-panels sandwich Panels 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.	1078
779	BMT-M.96	Supply & fixing of 75mm thick Aerocon/ V-Panel sandwich Panels having Tongue & 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.	1368
780	BMT-M.97	Aerocon/ V- Panels - 50mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	746
781	BMT-M.98	Aerocon/ V- Panels - 75mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	974
	N.	DOORS		
		(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	251

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.	1828
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	2238

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	2031
808	BMT-N.05	<p>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 19gauge. 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.</p>	1 Rm	282
809	BMT-N.06	<p>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</p>	1 sqm	2404

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	2052
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 with 15mm 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 strip 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	1824
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	313

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	356
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	402
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	905
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	936
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	1008
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	461
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	519
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	569
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	677
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	608
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	677
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	758
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	812
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	866

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.	913
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.	1393
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	1361
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	1344

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	1416
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	1514
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	1621

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) foam of 40kg/m ³ . 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	2120
835	BMT-N.32	Cup Board shutters using Cement Bonded Particle Board (Bison Panel or Equivalent) & Shutter using Pre-Laminated Cement Bonded Particle Board as per IS 14276 (Bison Lam or Equivalent): Supply and fixing of cup board shutters using 20mm thick Cement Bonded Particle Board (Bison Panel or Equivalent) for making frame of size 100mm x 35mm using two sandwiched 16mm boards, one plain board and one Pre-Laminated cement bonded particle board with plain 35mm wood lipping. The Shutters are made of 16m thick Pre-Laminated Cement Bonded Particle Board (Bison Lam or Equivalent) of approved shade inclusive of hardware like M.S. powder coated Piano hinges of size ¾" x ¾" , Aluminium powder coated handles of size 4" (101.6mm), Aluminium tower bolt 4" (101.6mm) Gore locks, screws, wood lipping and Fevicol etc., complete finish item of work.	1 Sqm	3029
836	BMT-N.33	Door Shutter with Cement Bonded Particle Board (Bison Lam or Equivalent): Supply and fixing of door shutter made out of PVC Hollow extruded section having dimensions of 47mm x 26mm with wall thickness of 1.5mm with necessary tapering to house Bison Lam thickness of 12mm. All the four corners are jointed with PVC 'L' brackets of size 4" x 8" (101.6 x 203.2mm) and the PVC lipping is filled with well-seasoned country wood to hold hinges. The hardware consists of 250mm long Aldrop – 2 Nos.250mm Handle- 1 No. (all are of Aluminium). The cost is inclusive of all incidental, labour transportation charges.	1 Sqm	1326

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	1160
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 alround 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	1368
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.	1673
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.	157
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	713

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	1078
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 ± 0.3mm. 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.	3357
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.	2586
845	BMT-N.42	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 2060 (H)Colour Golden Brown SINTEX FRONTURA DOOR SHUTTER (35MM THICK)	1 Sqm.	2818

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 SINTEX ENDURA DOOR SHUTTER (26MM THICK)	1 Sqm.	2155
847	BMT-N.44	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 58 X 24 mm 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 on to the door shutter. PVC DOOR SHUTTER (Nandi or Equivalent)	1 Sqm.	1301
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.	1488
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	178

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	155
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	847
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	847
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	847
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	730
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	730
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	730
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	169
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	169

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	192
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	192
861	BMT-N.58	Providing and fixing door frames fabricated from sections made of galvanized steel powder coated (base steel as per IS 513, galvanised 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	1 RM	463
862	BMT-N.59	Supply and fixing of ELIXIR OR EQUIVALENT DOOR FRAMES factory made Internal door frames without threshold, fabricated from pre-painted cold roll formed section 100mm 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 is to be filled with polyurethane (P.U. Foam) of 40 Kg/Cum; and the sections are 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 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 b) 2.5 mm x 300 mm long 'T' hinges / 2.5mm x 50 mm x 100mm two way butt 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	1 RM	319

		either side		
863	BMT-N.60	<p>Supply of (UPVC) Un-Plasticized Poly Vinyl Chloride Doors with single/ double shutters and door frame made of hallow extruded (UPVC) Plasticize poly Vinyl Chloride Profiles with multi chambered Constructions, the nominal thickness of outer wall is 2.5mm duly reinforced with seasoned wood plank at the door hinges and the door frame shall be welded through fusion welding using UPVC reinforced profiles of 60 mm x 110 mm x 2.5 mm for casement shutter frames and the mullion sections are of 60 mm x 70 mm x 2.5 mm structurally reinforced with galvanized, hot dip galvanized fixed with ethylene propylene di-monomer (EPDM) weathering seal resistant to tear & decay and accessories for doors are Dr. Hahn hinges to adjust sash in 3 axes, handle with mazak alloy casting 1 No. per sash, ferco locking system and key made of mild steel zinc plated along with powder coated handles and mortise lock of standard make installation with anchor fasteners, silicon rubber sealant, easy glazing/ deglazing 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 for Swing Door or Pivot Door excluding cost of Glass panes and or Particle board sheets: DOUBLE DOOR (Elgi/Sintex/NCL/Fenesta etc)</p>	1 sqm	6192

864	BMT-N.61	Supply of (UPVC) Un-Plasticized Poly Vinyl Chloride Doors with single/ double shutters and door frame made of hollow extruded (UPVC) Plasticize poly Vinyl Chloride Profiles with multi chambered Constructions, the nominal thickness of outer wall is 2.5mm duly reinforced with seasoned wood plank at the door hinges and the door frame shall be welded through fusion welding using UPVC reinforced profiles of 60 mm x 110 mm x 2.5 mm for casement shutter frames and the mullion sections are of 60 mm x 70 mm x 2.5 mm structurally reinforced with galvanized, hot dip galvanized fixed with ethylene propylene di-monomer (EPDM) weathering seal resistant to tear & decay and accessories for doors are Dr. Hahn hinges to adjust sash in 3 axes, handle with mazak alloy casting 1 No. per sash, ferco locking system and key made of mild steel zinc plated along with powder coated handles and mortise lock of standard make installation with anchor fasteners, silicon rubber sealant, easy glazing/ deglazing 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 for Swing Door or Pivot Door excluding cost of Glass panes and or Particle board sheets: SINGLE DOOR -(Elgi/Sintex/NCL/Fenesta etc)	1 sqm	5952
865	BMT-N.62	Sintex Door shutter, with shutter frame and infill panel made from PVC material confirming to IS: 10151-1982, The shutter frame made out of PVC Extruded sections having overall dimension of 47mm x 33mm with wall thickness of 1.2mm + 0.3mm with usual process variation corresponding to the Sintex code number DWUF 306. The shutter frame is given 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 200mmX 20mm with wall thickness of 1mm + 0.2mm with usual process variation corresponding to the Sintex code number SPUF 101. The shutter frames shall be mitre cut and joined at the corner. Polymeric “ L ” type corners shall be provided at the corners to take up hardware & fixtures and shall be fixed with 10-20mm counter sunk fully threaded parallel shank steel screws. All the hardware locations shall be reinforced with special polymeric Bars as shown in the drawings. Stickers showing locations of different Hardware shall be pasted on the shutter. The infill panels shall be joined by tongue and groove method, WOODEN AND BP GREY COLOUR.	1 sqm	767

866	BMT-N.63	Door shutter made out of PVC material confirming to IS: 10151-1982. The Infill Panel is made out of seamless one piece multi chamber PVC extruded sections having overall dimensions of 610mm x 20mm with wall thickness of 1mm + 0.2mm with usual process variation corresponding to the Sintex code number SPUF 128. The top and bottom edges of the shutter to be covered with end cap of the size 20mm x 11mm with usual process variation corresponding to Sintex Code Number DWUF 327. The door shutter to be reinforced with special polymeric reinforcements as shown in the drawing to take up necessary hardware's and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places, . WOODEN AND BP GREY COLOUR.	1 Sqm	912
	P.	WINDOWS (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 foam 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	3150
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	3181

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	3503
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	3150
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	2829
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.	2493
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.	2221
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	3685

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	3685
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	3906
914	BMT-P.11	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	1 Sqm	3685
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	3906
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	3481
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	3481
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	3481
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	3481
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	4037
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	4037
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	4037
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	2764
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	2764
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	2764

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	3393
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	3613
929	BMT-P.25	Double shutter Window with vertical member 4'0" 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	3613
930	BMT-P.26	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x 1219.2mm). 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	3188
931	BMT-P.27	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x 1219.2mm). 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	3188

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	4504
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	4724
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	4724
936	BMT-P.31	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x 1219.2mm). 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	4300
937	BMT-P.32	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x 1219.2mm). 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	4300

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	3906
939	BMT-P.34	WINDOWS Single shutter 2'0x4'0(609.6x1219.2 mm) Outer frame section size of 46x52 mm shutter frame section size of 46x46mm	1 Sqm	3759
940	BMT-P.35	WINDOWS Double shutter 3'- 0" X 4' – 0" (914.4MM X 1219.2MM) outer frame section size of 46x52 mm shutter frame section size of 46x46 mm	1 Sqm	3759
941	BMT-P.36	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 46x46 mm mullion section size of 46 x 70 mm	1 Sqm	3984
942	BMT-P.37	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	1 Sqm	3877
943	BMT-P.38	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 70mm	1 Sqm	3759
944	BMT-P.39	WINDOWS Double shutter 4'-6" x 4'-6" (1371.6 x 1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46mm Mullion section size of 46 x 70 mm	1 Sqm	3551
945	BMT-P.40	WINDOWS Centre fixed both side openable shutter 5'-0" x 4'-0"(1524x1219.2mm) outer frame section size of 46x52 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 25mm	1 Sqm	3551
946	BMT-P.41	WINDOWS Centre fixed both side openable shutter 6'-0" x 4'-0" (1828.8 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 fixed beading section size of 18 x 25mm	1 Sqm	3551
947	BMT-P.42	WINDOWS Centre fixed both side openable shutter 6'-0" x 4'-6" (1828.8 x 1371.6 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 fixed beading section size of 18	1 Sqm	3551

		x 25mm		
948	BMT-P.43	Ventilators : Top hung 2' – 0" x 2' -0" (609.6 x 609.6mm) outer frame section size of 46 mm x 52mm shutter frame section size of 46mm x 46mm	1 Sqm	4138
949	BMT-P.44	Ventilators : Top hung 4'-0" x 2'-0" (1219.2 x 609.6mm) outer frame section size of 46 x 52 m shutter frame section size of 46x46mm mullion section size of 46 70 mm	1 Sqm	4138
950	BMT-P.45	Ventilators : Top hung 4'-0" x 3'=0" (1219.2 x 914.4mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm mullion section size of 46 x 70mm	1 Sqm	4138
951	BMT-P.46	Ventilators : Fixed louvers 2'-0" x 2'-0"(609.6x 609.6mm)(Box section) outer frame section size of 33x57mm	1 Sqm	2832
952	BMT-P.47	Ventilators : Fixed louvers 4'-0" x 2'-0" (1219.2 x 609.6mm)) (Box section) outer frame section size of 33x57mm mullion section size of 33 x 57	1 Sqm	2832
953	BMT-P.48	Ventilators : Fixed lovers 4'-0" x 3'-0" (1219.2 x 914.4 mm) (Box section) outer frame section size of 33 x 57 mm mullion section size of 33 x 57	1 Sqm	2832
		ELIXIR E 1000 SERIES OR EQUIVALENT WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL PROVISION) Providing and fixing of windows made of pre-painted steel (base steel as per IS 513 of 0.6mm 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 should be of 48x50mm, centre mullion should be of 48x50mm, section for shutter should be of 47x20mm and fixed glass beading section should be of 12x12mm. Outer frame and mullions to have rebate for glazed shutter and a 20mm provision for guard bars/grills. The sections are to be cut to length meter joined with corner bracket. Centre mullion is to be fixed with mullion cap. Handle, 2 nos of stainless steel heavy duty pivot hinges shall be provided for shutter. The window should be panelled with 5mm thick plain float glass. Rubber gaskets are provided all around the glass. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, including 10mm square guard bars with 6" (152.4 mm) pitch etc., complete for finished item of work including of all taxes.		
954	BMT-P.49	Single shutter window 2'0"x4'0" (609.6mm x 1219.2mm).outer frame section size of 48x50mm shutter frame section size of 47x20mm.	1 Sqm	3443
955	BMT-P.50	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 47x20mm. mullion section size of 48x50mm	1 Sqm	3667

956	BMT-P.51	Double shutter window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm and mullion section should be of 48x50mm	1 Sqm	3667
957	BMT-P.52	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x 1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	3235
958	BMT-P.53	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x 1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	3235
		ELIXIR E-2000 SERIES, OR EQUIVALENT WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL & FLYMESH PROVISION) Providing & fixing of windows made of pre-painted steel (Base steel as per IS 513 of 0.6mm 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. Section for outer frame should be of 72x55mm, centre mullion should be of 72x50mm, section for fixed glass beading should be of 12x12mm and section for shutter should be of 47x20mm. Outer frame & mullion sections to have rebate for glazed shutters, fly mesh and 20 mm provision for guard bars/ grills fly mesh shutter section should be of 20x40mm. The sections are to be cut to length m1 Sqm joined with corner bracket. Centre mullions to be fixed with mullion cap. Elixir or equivalent stay, handles latch 2nos of heavy duty stain less steel pivot hinges shall be provided per shutter. The windows should be panelled with 5 mm thick plain float glass and S.S. Mesh for fly mesh shutter (304 grade). Rubber Gaskets are provided all around the glass. The above frames should be fixed to 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 including of all taxes.		
959	BMT-P.54	Single shutter window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 47x20mm.	1 Sqm	4571
960	BMT-P.55	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 47x20mm. Mullion section size of 72x50mm.	1 Sqm	4794
961	BMT-P.56	Double shutter window with vertical mullion 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm and mullion section should be of 72x50mm.	1 Sqm	4794

962	BMT-P.57	Centre fixed both side openable shutter window 5'0"x4'0"(1524mm x 1219.2mm).outer frame section size of 72x50mm. Shutter frame section size of 47x20mm and mullion section size of 72x50mm. Fixed beading section size of 12x12mm.	1 Sqm	4364
963	BMT-P.58	Centre fixed both side openable shutter window 6'0" x 4'0" (1828.8mm x 1219.2mm). Outer frame section size of 72x50mm.shutter frame section size of 72 x 50mm. Fixed beading section size of 12x12mm.	1 Sqm	4364
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	860
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	860
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	860
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	741
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	741
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	741

970		Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows duly manufactured using UPVC reinforced profiles of 60 mm x 62 mm x 2.5 mm for outer frames, 77 mm x 38 mm x 2.5 mm for sliding shutter frames capable of mounting single/ double glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick tinted/ 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 (Elgi/Sintex/NCL/Fenesta etc)		
	BMT-P.65	A) UPVC - SLIDING WINDOW - Single Glazed - Tinted Sash	1 Sqm	3838
	BMT-P.66	B) UPVC - SLIDING WINDOW - Single Glazed - Plain Sash	1 Sqm	3747
	BMT-P.67	C) UPVC - SLIDING WINDOW - Double Glazed - Tinted Sash	1 Sqm	5255
	BMT-P.68	D) UPVC - SLIDING WINDOW - Double Glazed - Plain Sash	1 Sqm	5052
971		Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Casement windows 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, capable of mounting single/ double glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1 mm the window sash shall be fitted with 5 mm thick tinted/ float glass of reputed make duly fixed with EPDM and accessories like 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 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		
	BMT-P.69	A) UPVC - CASEMENT WINDOW - Single Glazed - Tinted Sash	1 Sqm	4547
	BMT-P.70	B) UPVC - CASEMENT WINDOW - Single Glazed - Plain Sash	1 Sqm	4339
976	BMT-P.71	C) UPVC - CASEMENT WINDOW - Double Glazed - Tinted Sash	1 Sqm	5873
977	BMT-P.72	D) UPVC - CASEMENT WINDOW - Double Glazed - Plain Sash	1 Sqm	5637
	Q.	STRUCTURAL GLAZING		

1039	BMT-Q.01	NCL or Equivalent Structural Glazing: 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 0.72mm. The glass holding section made of 304 grade stainless steel of 0.6mm thick as per the design requirement & calculations as given in IS: 875. 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. The vertical section should be of 50mm x 100mm x 0.72mm, 33mm x 58mm x 0.72mm for frame horizontal section, stiffener section should be 48mm x 98mm x 1mm, cover profiles sections should be of 20mm x 58mm x 0.58mm, Glass holding section should be of 37mm x 37mm & 37mm x 18mm. Including 5mm thick Ocean Blue reflective glass. Brackets made of CRCA powder coated/Electroplated should be used to connect vertical to horizontal, vertical to slab, to fix verticals at top & bottom as per site requirement. Gasket made of Ethyl Propylene Diamine Monomer. Natural cure, with Good U.V. Resistance Silicon to be used. Wall fixing of sections to concrete/masonry wall should be with self-expanding cap & screws. The rate is inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and scaffolding charges, form work etc. complete for finished item of work.	1 Sqm	4147
1040	BMT-Q.02	NCL or Equivalent Top Hung in Structural Glazing: 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 0.72mm. The glass holding section made of 304 grade stainless steel of 0.6mm thick. Galvanized steel sections are to be used as stiffeners inside the colour coated steel/powder coated sections as per the design requirement. Design calculations are made to suit wind pressures as given in IS 875. 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. The outer frame should be of 20mm x 58mm x 0.6mm, Shutter section should be of 58mm x 33mm x 0.72 mm, stiffener section should be 56mm x 31mm x 1mm. EARL Bihari Hinges – 2 Nos for each shutter and Aluminium Stays – 2 Nos. for each shutter, Aluminium Handle – 1 no. for each shutter. The rate is inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and scaffolding charges, form work etc. complete for finished item of work	1 Sqm	3336

1041	BMT-Q.03	Supply and fixing of curtain Glazing made of pre painted steel (base steel as per IS 513 of 0.6 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 should be 46 x 52 mm, section for mullion should be 46 x 70 mm and section for beading should be 18 x 25 mm. The Glazing should be panelled with 5 mm thick plain float Glass with Ethyl Propylene diameine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket. Centre mullions are to be fixed suing mullion cap. Handle made of high grade Aluminium powder coated and nylon receiver. Gaskets made of Ethyl propylene Diamine Monomer (EPDM) Corner brackets made of CRCA with zinc phosphating. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete / masonry wall be means of self expanding screws. & complete for finished item.- Fixed Glazing 2'-0" x 2'-0" (609.6x609.6mm) grid outer frames section size of 46 x 52 mm		3408
1042	BMT-Q.04	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	1 Sqm	3408
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	2900
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	2900
1045		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 tinted/ 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 (Elgi/Sintex/NCL/Fenesta etc)		
	BMT-Q.07	A) UPVC -CURTAIN WALLING- - Single Glazed - Tinted Sash	1 Sqm	4443
	BMT-Q.08	B) UPVC -CURTAIN WALLING- Single Glazed - Plain Sash	1 Sqm	4248

976	BMT-Q.09	C) UPVC - CURTAIN WALLING - Double Glazed - Tinted Sash	1 Sqm	6275
977	BMT-Q.10	D) UPVC - CURTAIN WALLING-- Double Glazed - Plain Sash	1 Sqm	5794
	S.	A. DISMANTLING clearing away and carefully stacking materials useful for reuse.		
1054	BMT-S.01	Stone masonry in cement mortar	1 Cum	239
1055	BMT-S.02	Terracing work in roofs or floors	10 Sqm	99
1056	BMT-S.03	Flat stones in roof or floors including lifting	10 Sqm	83
1057	BMT-S.04	Pan tiled or Mangalore tiled roof without roof timbers.	10 Sqm	75
1058	BMT-S.05	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	10 Sqm	83
1059	BMT-S.06	Wrought and framed timber in roofs or floors	1 Cum	125
1060	BMT-S.07	Old lime mortar plaster	10 Sqm	26
1061	BMT-S.08	Old cement mortar plaster	10 Sqm	29
1062	BMT-S.09	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	40
1063	BMT-S.10	Revetment for aprons and stacking grouted within 40 lead	1 Cum	29
1064	BMT-S.11	Kadapa slabs or Shahabad stone slabs flooring on sand bed	10 Sqm	42
1065	BMT-S.12	Through scraping of old plastered surface	10 Sqm	26
1066	BMT-S.13	Washing of plastered surface with soap, soda and water (or with soda lime and water)	10 Sqm	9
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	27
1068	BMT-S.15	Clean removal of cement plaster from walls and raking out joint 200 mm deep	10 Sqm	28
	T.	READY MIX CONCRETE		
		Supply and placing of the Ready Mix Concrete as per IS-4926:2003 of following grades with minimum cement content as per IS-456:2000 and Standard Mix Design as per IS-10262:2009 with coarse aggregate of nominal size 20 mm and fine aggregate of Zone-II (100% sand) as per the Mix Design approved by the Department from standard suppliers including cost and conveyance, vertical pumping up to 5 floors/ horizontal pumping up to 60.0 M for buildings/ pavements etc., works for basic cost including levelling, grading, spreading, curing, vibrating, compacting, finishing etc as required including material VAT excise duty, pumping, transportation, approved admixture etc complete		
1069	BMT-T.01	RMC - M -10 (CEMENT CONTENT - 220 Kgs)	1 Cum	
1070	BMT-	RMC - M -15 (CEMENT CONTENT - 280 Kgs)	1 Cum	

	T.02			
1071	BMT-T.03	RMC - M -20 (CEMENT CONTENT - 300 Kgs)	1 Cum	
1072	BMT-T.04	Extra rate for pumping for each additional floor above 5 Floors /for each 12.0 M additional length over 60.0 M for horizontalpumping to be added in the datas	1 cum	
1073	BMT-T.05	Extra rate for pumping with Boom Pump up to 24.0 M verticalheight from average ground level	1 cum	
	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	500
1075	BMT-U.02	Supply of high performance expansion joint filler board conforming to M.O.S.T - 20 mm THICK	1 Sqm	561
1076	BMT-U.03	Supply of high performance expansion joint filler board conforming to M.O.S.T - 25 mm THICK	1 Sqm	701
1077	BMT-U.04	Supply of expansion joint filler board for buildings, columns, beams and slabs 20 mm THICK	1 Sqm	201
1078	BMT-U.05	Supply of expansion joint filler board for buildings, columns, beams and slabs 25 mm THICK	1 Sqm	251
1079	BMT-U.06	Supply of expansion joint filler board for buildings, columns, beams and slabs 50 mm THICK	1 Sqm	500
1080	BMT-U.07	Supply of back up to cold applied sealant in construction and longitudinal joint - 10 mm OD	1 RM	8
1081	BMT-U.08	Supply of back up to cold applied sealant in construction and longitudinal joint - 12 mm OD	1 RM	9
1082	BMT-U.09	Supply of back up to cold applied sealant in construction and longitudinal joint - 15 mm OD	1 RM	11
1083	BMT-U.10	Supply of back up to cold applied sealant in construction and longitudinal joint - 20 mm OD	1 RM	16
1084	BMT-U.11	Supply of back up to cold applied sealant in construction and longitudinal joint - 25 mm OD	1 RM	20
	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	110
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	130
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	152
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	175
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	271
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	328

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	317
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	484
1093	BMM-V.09	Rounding the edges of Kadapa / Shahabad stone slabs of any thickness including polishing the same	1 Rm	48
1094	BMM-V.10	Half Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	144
1095	BMM-V.11	Full Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	188
1096	BMM-V.12	Machine Cutting charges - for Marble/ Granite slabs up to 50 mm thick by mechanical device.	1 RM	8
1097	BMM-V.13	Flat nosing to Kadapa/ Shahabad stone slabs of any thick	1 Rm	8
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	12
1099	BMM-V.15	Labour charges for fixing Iron Doors, Iron Windows and Window Grills in position	1 Kg	3
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	10
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	9
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	60
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	800
1104	BMM-V.20	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Etching works	1 Sqm	436
1105	BMM-V.21	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Reverse Etching work	1 Sqm	538
1106	BMM-V.22	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Acid wash works	1 Sqm	673
	W.	MISCELLANEOUS ITEMS		

1136	BMS-W.01	Supplying Aluminium anodised Sections for Doors, partitions, windows, Ventilators (including annodization cost)	1 Kg	240
1137	BMS-W.02	Sun Control film to the glazed windows partition including labour charges.	1 sqm	274
1138	BMS-W.03	Aluminium Venetian Blinds horizontal 25.4 mm wide with all accessories.	1 sqm	699
1139	BMS-W.04	Aluminium Venetian Blinds horizontal 20.0 mm wide with all accessories.	1 sqm	666
1140	BMS-W.05	Venetian blinds Vertical blinds 100 mm wide with all accessories.	1 sqm	1131
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	192
1145	BMS-W.10	Soft Brush	Each	108
1146	BMS-W.11	Wire Brush	Each	24
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	1678
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	1829
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	2052

1150	BMS-W.15	CEMENT JALI - 25 mm thick	1 sqm	157
1151	BMS-W.16	CEMENT JALI - 40 mm thick	1 sqm	203
1152	BMS-W.17	CEMENT JALI - 50 mm thick	1 sqm	278
1153	BMS-W.18	Aluminium sheet 24 Gauge	1 Sqm	217
1154	BMS-W.19	7.5mm thick Aluminium Grill (as approved by the department) 3.58 Kg/Sqm.	1 Sqm	800
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	382
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.	419
1159	BMS-W.23	Circular sign plate Dia 600mm.	Each.	1102
1160	BMS-W.24	Circular sing plate Dia 870mm	Each.	2209
1161	BMS-W.25	Triangular sign plate 600mm.	Each.	566
1162	BMS-W.26	Triangular sign plate 900mm.	Each.	1278
1163	BMS-W.27	Square sign plate 600mm.	Each.	1025
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.	6
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 purloins. - Columns	1 RM	256
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 purloins. Trusses	1 RM	1289

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	444
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	971
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	100
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	142
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	166
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	2987
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	2880
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	3462
1177	BMS-W.40	Painting:-1) Steel structure is to be painted with 2 coats of Grade I enamel paint.	1 Sqm	87
1178	BMS-W.41	2) Exterior walls are painted with one coast of primer and 2 coats of exterior emulsion paint .	1 Sqm	77
1179	BMS-W.42	3) Interiors are painted with 1+2 coat of O.B.D.	1 Sqm	67
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	769
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	2596

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	510
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	314
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 butt 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	76
1193	BMS-W.53	Dressing faces of granite stone (double line dressing)	1 Sqm	126
1194	BMS-W.54	Dressing faces of other than granite stone(double line dressing)	1 Sqm	79
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	332

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	323
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	290
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	274
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	224
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	199
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	7
1205	BMS-W.65	G.I Washers	1 Each	0
1206	BMS-W.66	Limpet washers (for scam & 'J' bolts)	1 Each	0
1207	BMS-W.67	Bitumen washers	1 Each	0
1223	X.	MACHINERY CHARGES, HIRE CHARGES FOR CENTRING		
1224	BMC-X.01	Machine charges of rubbing/ polishing floor	1 day	1379
1225	BMC-X.02	Power Saw Cutter - Hand Operated - Hire charges	1 Hr	80
1226	BMC-X.03	Power Drill - Hand Operated - Hire Charges	1 Hr	74
1227	BMC-X.04	Grinding Mortar (Spl Grinding)	1 day	690
1228	BMC-X.05	Casuarina Balli Props - 3" to 4" dia - 12'-0" Height	Each	46
1229	BMC-X.06	Casuarina Balli Props - 4" to 8" dia - 20'-0" Height	Each	77

1230	BMC-X.07	Wall Plate Brackets / beam bottom supports	Each	130
1231	BMC-X.08	Wedge Plate fixture	Each	6
1232	BMC-X.09	Runner beams of approximately 4" x 4" size	RM	253
1233	BMC-X.10	Steel Plates for form works	1 sqm	766
1234	BMC-X.11	Scaffolding Pipes & Centering accessories	1 Kg	57
1235	BMC-X.12	Scaffold Boards - Bamboo scaffolds - Bamboos - 8'0" long	Each	77
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	106
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	73
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	187
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	157
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	89
6	BMW-A.06	labour charges only for laying, jointing and testing SWG pipes of any diawith 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	120
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	52
8	BMW-	b) - do - labour charges only	1 RM	7

	A.08			
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	71
10	BMW-A.10	b) - do - labour charges only	1 RM	35
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	36
12	BMW-A.12	b) - do - labour charges only	1 RM	24
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	76
14	BMW-A.14	b) - do - labour charges only	1 RM	34
15	BMW-A.15	Supply of SWG SP-1 Pipe conforming to ISI 651- 4" dia (101.6mm)	1 RM	101
16	BMW-A.16	Supply of SWG SP-1 Pipe conforming to ISI 651- 6" dia (152.4mm)	1 RM	174
17	BMW-A.17	Supply of SWG SP-1 Pipe conforming to ISI 651-8" dia (203.2mm)	1 RM	269
18	BMW-A.18	Supply of SWG SP-1 Pipe conforming to ISI 651- 10" dia (254 mm)	1 RM	494
19	BMW-A.19	Supply of SWG SP-1 Pipe conforming to ISI 651- 12" dia (300 mm)	1 RM	711
20	BMW-A.20	Supply of SWG SP-1 Pipe conforming to ISI 651- 14" dia (350 mm)	1 RM	968
21	BMW-A.21	Supply of SWG SP-1 Pipe conforming to ISI 651- 16" dia (400 mm)	1 RM	1168
22	BMW-A.22	Supply of SWG SP-1 Pipe conforming to ISI 651- 18" dia (450 mm)	1 RM	1411
23	BMW-A.23	Supply of SWG SP-2 Pipe conforming to ISI 651- 4" dia (101.6mm)	1 RM	124
24	BMW-A.24	Supply of SWG SP-2 Pipe conforming to ISI 651- 6" dia (152.4mm)	1 RM	185
25	BMW-A.25	Supply of SWG SP-2 Pipe conforming to ISI 651-8" dia (203.2mm)	1 RM	333
26	BMW-A.26	Supply of SWG SP-2 Pipe conforming to ISI 651- 10" dia (254 mm)	1 RM	524
27	BMW-A.27	Supply of SWG SP-2 Pipe conforming to ISI 651- 12" dia (300 mm)	1 RM	804
28	BMW-A.28	Supply of SWG SP-2 Pipe conforming to ISI 651- 14" dia (350 mm)	1 RM	1043
29	BMW-A.29	Supply of SWG SP-2 Pipe conforming to ISI 651- 16" dia (400 mm)	1 RM	1201
30	BMW-A.30	Supply of SWG SP-2 Pipe conforming to ISI 651- 18" dia (450 mm)	1 RM	1533
31	BMW-A.31	Supply of SWG SP-3 Pipe conforming to ISI 651- 4" dia (101.6mm)	1 RM	158

32	BMW-A.32	Supply of SWG SP-3 Pipe conforming to ISI 651- 6" dia (152.4mm)	1 RM	230
33	BMW-A.33	Supply of SWG SP-3 Pipe conforming to ISI 651-8" dia (203.2mm)	1 RM	409
34	BMW-A.34	Supply of SWG SP-3 Pipe conforming to ISI 651- 10" dia (254 mm)	1 RM	620
35	BMW-A.35	Supply of SWG SP-3 Pipe conforming to ISI 651- 12" dia (300 mm)	1 RM	866
36	BMW-A.36	Supply of SWG SP-3 Pipe conforming to ISI 651- 14" dia (350 mm)	1 RM	1098
37	BMW-A.37	Supply of SWG SP-2 Pipe conforming to ISI 651- 16" dia (400 mm)	1 RM	1267
38	BMW-A.38	Supply of SWG SP-3 Pipe conforming to ISI 651- 18" dia (450 mm)	1 RM	1723
39	BMW-A.39	Supply of SWG Bends conforming to IS standards -100 mm dia	Each	51
40	BMW-A.40	Supply of SWG Bends conforming to IS standards -150 mm dia	Each	94
41	BMW-A.41	Supply of SWG Bends conforming to IS standards -200 mm dia	Each	177
42	BMW-A.42	Supply of SWG Bends conforming to IS standards -250 mm dia	Each	357
43	BMW-A.43	Supply of SWG Bends conforming to IS standards -300 mm dia	Each	#REF!
44	BMW-A.44	Supply of SWG Bends conforming to IS standards -350 mm dia	Each	454
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	#REF!
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	567
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	156
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	97
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	260
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	298
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	351
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	463
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	574
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	686
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	501
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	641

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	782
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	923
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	1063
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	625
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	801
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	976
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	1151
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	1328
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	1328
66	BMW-A.66	Supply of SWG Plugs conforming to IS standards for 100 mm dia	Each	18
67	BMW-A.67	Supply of SWG Plugs conforming to IS standards for 150 mm dia	Each	36
68	BMW-A.68	Supply of SWG Plugs conforming to IS standards for 200 mm dia	Each	67
69	BMW-A.69	Supply of SWG Plugs conforming to IS standards for 250 mm dia	Each	115
70	BMW-A.70	Supply of SWG Plugs conforming to IS standards for 300 mm dia	Each	183
71	BMW-A.71	Supply of SWG Plugs conforming to IS standards for 350 mm dia	Each	230
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	332
73	BMW-A.73	Supply of SWG Gully Traps (Round & Square) conforming to IS standards 150 x 100 mm	Each	126
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	18
75	BMW-A.75	Supply of SWG Saddles conforming to IS standards 150 x 100 mm		103
76	BMW-A.76	Supply of SWG Saddles conforming to IS standards 200 x 100 mm		177
77	BMW-A.77	Supply of SWG Saddles conforming to IS standards 250 x 100 mm		285
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	3853
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	5989
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	3395

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.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	5106
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	3610
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	2177
84	BMW-B.07	a) Making drainage connection in the existing inspection including all repairs	Each	75
85	BMW-B.08	b) - do - labour charges only	Each	50
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	341
87	BMW-C.02	4" dia (101.6mm) Single Socket	1 RM	407
88	BMW-C.03	6" dia (152.4mm) Single Socket	1 RM	805
89	BMW-C.04	3" dia (76.2 mm) Double Socket	1 RM	384
90	BMW-C.05	4" dia (101.6mm) Double Socket	1 RM	456
91	BMW-C.06	6" dia (152.4mm) Double Socket	1 RM	856

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	150
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	112
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	157
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	342
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	165
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	200
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	466
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	48
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	221
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	321
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	821
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	183
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	271
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	727

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	65
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	378
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	445
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	1173
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	322
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	409
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	1096
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	60
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	157
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	230
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	531
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	192
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	264
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	545
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	226
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	300
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	557

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	30
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 practice for nominal dia 75 mm (3") and grating size 165 mm dia of weight not less than 5.5 Kgs	Each	143
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 practice for nominal dia 100 mm (4") and grating size 100 mm dia of weight not less than 6 Kgs	Each	191
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 practice for nominal dia 75 mm (3") and grating size 100 mm dia of weight not less than 4.0 Kgs	Each	96
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	32
128	BMW-C.43	Boxing of Nahany traps in RCC floors	Each	105
129	BMW-C.44	Boxing of W.C Trap in R.C.C floors	Each	211
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	111
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	139
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	400
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	414
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	414
135	BMW-D.03	Labour charges only for fixing Indian pattern W.C with "P" or "S" trap	Each	200
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	551

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	622
138	BMW-D.06	Labour charges only Fixing Orissa pan W.C with "P" or "S" trap	Each	250
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	141
140	BMW-D.08	Labour charges only for fixing porcelain foot rest for squatting I.W.C. (Rectangular pair)	Pair	45
141	BMW-D.09	Providing Brick masonry seat for Orissa pan/ Indian W.C. using 2nd class bricks as per standard practice	Each	182
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	54
143	BMW-D.11	Supplying & Fixing low down porcelain flushing tank 10 Lit Capacity with internal components	Each	1119
144	BMW-D.12	Labour charges only for fixing low down porcelain flushing tank with internal components	Each	350
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	986
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	891
147	BMW-D.15	Labour charges only for fixing European Water Closet with 'P' or 'S' trap as per standard practice	Each	175
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	240
149	BMW-D.17	Labour charges only for fixing plastic seat and lid for European water closet	Each	50
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	5181
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	7667

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	9823
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	1243
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	1078
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	1368
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	746

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	953
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	622
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	870
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	207
161	BMW-D.29	Supplying and Fixing Pedestal for Wash Hand Basin (H.S.W / Parry / Earthenware)	Each	464
162	BMW-D.30	Labour charges only for fixing pedestal for wash hand basin	Each	90
163	BMW-D.31	Supplying & Fixing 31.75 mm C.P bottle trap (Heavy type) Parryware or equivalent	Each	236
164	BMW-D.32	Labour charges only for fixing bottle trap to the wash hand basin	Each	29
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	414
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-Part 6, Sec-6-1974 fixed with screws complete Indian make : 410 x 265 x 305 mm	Each	1409

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	1575
168	BMW-D.36	Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete	Each	83
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	2445
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	2777
171	BMW-D.39	Labour charges only for fixing Vitreous china porcelain sinks with waste fittings, rubber plug, chain, cantilever brackets etc.	Each	207
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	290
173	BMW-D.41	b) - do - labour charges only	Each	160
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	274
175	BMW-E.02	b) - do - labour charges only	Each	20
176	BMW-E.03	a) S & F concealed stop cock 12.7 mm (1/2") Indian Make heavy duty	Each	348
177	BMW-E.04	b) - do - labour charges only	Each	30
178	BMW-E.05	a) S & F angle stop cock 12.7 mm dia first quality Indian Make heavy duty	Each	265
179	BMW-E.06	b) - do - labour charges only	Each	30
180	BMW-E.07	a) S&F 12.7 mm N.P bib tap Indian make heavy duty	Each	232
181	BMW-E.08	b) - do - labour charges only	Each	20
182	BMW-E.09	a) S&F 12.7mm N.P bib tap Indian make heavy duty	Each	141
183	BMW-E.10	b) - do - labour charges only	Each	20
184	BMW-E.11	a) S & F 31.75 mm brass plumber Union best Indian first quality	Each	33
185	BMW-E.12	b) - do - labour charges only	Each	10
186	BMW-E.13	a) S & F 12.7 mm brass stop cock Indian make heavy duty	Each	124

187	BMW-E.14	b) - do - labour charges only	Each	20
188	BMW-E.15	a) S & F 12.7 mm brass stop cock Indian make heavy duty	Each	108
189	BMW-E.16	b) - do - labour charges only	Each	20
190	BMW-E.17	a) S & F 12.7 mm brass bib cock Indian make heavy duty	Each	124
191	BMW-E.18	b) - do - labour charges only	Each	20
192	BMW-E.19	a) S & F 12.7 mm brass bib cock Indian make heavy duty	Each	108
193	BMW-E.20	b) - do - labour charges only	Each	20
194	BMW-E.21	S & F CP Long body bib cock fancy type deluxe heavy duty 12.7 mm dia Indian make	Each	361
195	BMW-E.22	S & F CP Short body bib cock fancy type deluxe heavy duty 12.7 mm dia Indian make	Each	344
196	BMW-E.23	S & F 12.7mm heavy duty dia high neck pillar cock 1st quality Indian make	Each	684
197	BMW-E.24	a)S & F 12.7 mm heavy duty NP Swan Neck Pillar cock	Each	684
198	BMW-E.25	b) - do - labour charges only	Each	29
199	BMW-E.26	a)S & F 12.7 mm heavy duty NP Sink cock	Each	692
200	BMW-E.27	b) - do - labour charges only	Each	25
201	BMW-E.28	S&F 12.7 mm dia NP pillar cock heavy duty 1st quality Indian make	Each	356
202	BMW-E.29	S&F 12.7 mm dia NP push cock 1st quality	Each	149
203	BMW-E.30	S&F 12.7 mm dia NP lift cock 1st quality	Each	128
204	BMW-E.31	a)S & F 38.1 mm C.P.waste coupling Half or Full Thread 1st Quality Indian make Parryware or equivalent	Each	128
205	BMW-E.32	b) - do - labour charges only	Each	20
206	BMW-E.33	a) S & F 31.75 mm PVC bottle trap	Each	70
207	BMW-E.34	b) - do - labour charges only	Each	20
208	BMW-E.35	a)S& F 38.1 mm brass plumber union	Each	33
209	BMW-E.36	b) - do - labour charges only	Each	10
210	BMW-E.37	a)S & F 19.05 mm heavy duty NP stop cock Indian make with ISI mark	Each	356
211	BMW-E.38	b) - do - labour charges only	Each	20
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	24
213	BMW-	S& F Glunion 19.05 mm 1st Quality	Each	29

	F.02			
214	BMW-F.03	S& F Glunion 25.4 mm 1st Quality	Each	44
215	BMW-F.04	S& F Glunion 31.75 mm 1st Quality	Each	55
216	BMW-F.05	S& F Glunion 38.1 mm 1st Quality	Each	65
217	BMW-F.06	S& F Glunion 50.8 mm 1st Quality	Each	80
218	BMW-F.07	S& F GI connector 25.4 mm dia	Each	48
219	BMW-F.08	S& F 12.7 mm GI 'T' A class 1st quality	Each	30
220	BMW-F.09	S& F 31.75mm dia GI bend 1st quality	Each	44
221	BMW-F.10	S & F 31.75 mm dia GI 'T' 1st Quality	Each	43
222	BMW-F.11	a) S & F 25.4 mm copper ball cock ith PVC ball Indian make ISI mark	Each	225
223	BMW-F.12	b) - do - labour charges only	Each	31
224	BMW-F.13	a) S & F 19.05 mm copper ball cock ith PVCball Indian make ISI mark	Each	182
225	BMW-F.14	b) - do - labour charges only	Each	29
226	BMW-F.15	a)S & F 12.7 mm copper ball cock ith PVC ball Indian make ISI mark	Each	107
227	BMW-F.16	b) - do - labour charges only	Each	31
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	414
229	BMW-F.18	b) - do - labour charges only	Each	31
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	273
231	BMW-F.20	b) - do - labour charges only	Each	31
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	195
233	BMW-F.22	b) - do - labour charges only	Each	31
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	632
235	BMW-F.24	b) - do - labour charges only	Each	31
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	870
237	BMW-F.26	b) - do - labour charges only	Each	48
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	1268
239	BMW-F.28	b) - do - labour charges only	Each	64

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	2401
241	BMW-F.30	b) - do - labour charges only	Each	80
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	3413
243	BMW-F.32	b) - do - labour charges only	Each	95
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	160
245	BMW-F.34	b) - do - labour charges only	Each	40
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	372
247	BMW-F.36	b) - do - labour charges only	Each	48
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	839
249	BMW-F.38	b) - do - labour charges only	Each	80
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	1234
251	BMW-F.40	b) - do - labour charges only	Each	80
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	235
253	BMW-F.42	b) - do - labour charges only	Each	38
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	115
255	BMW-F.44	b) - do - labour charges only	Each	38
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	165
257	BMW-F.46	b) - do - labour charges only	Each	38
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	229
259	BMW-F.48	b) - do - labour charges only	Each	38
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	357
261	BMW-F.50	b) - do - labour charges only	Each	38

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	553
263	BMW-F.52	b) - do - labour charges only	Each	38
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	815
265	BMW-F.54	b) - do - labour charges only	Each	38
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	197
267	BMW-F.56	b) - do - labour charges only	Each	38
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	267
269	BMW-F.58	b) - do - labour charges only	Each	38
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	407
271	BMW-F.60	b) - do - labour charges only	Each	38
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	763
273	BMW-F.62	b) - do - labour charges only	Each	38
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	1162
275	BMW-F.64	b) - do - labour charges only	Each	38
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	2057
277	BMW-F.66	b) - do - labour charges only	Each	38
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	74
279	BMW-F.68	b) - do - labour charges only	1 RM	29
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	89
281	BMW-F.70	b) - do - labour charges only	1 RM	29

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	124
283	BMW-F.72	b) - do - labour charges only	1 RM	29
284	BMW-F.73	a) S& F 32 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	182
285	BMW-F.74	b) - do - labour charges only	1 RM	29
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	207
287	BMW-F.76	b) - do - labour charges only	1 RM	31
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	214
289	BMW-F.78	b) - do - labour charges only	1 RM	48
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	85
291	BMW-F.80	b) - do - labour charges only	1 RM	29
292	BMW-F.81	a) S& F 20 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	97
293	BMW-F.82	b) - do - labour charges only	1 RM	29
294	BMW-F.83	a) S& F 25 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	134
295	BMW-F.84	b) - do - labour charges only	1 RM	29
296	BMW-F.85	a) S& F 32 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	199
297	BMW-F.86	b) - do - labour charges only	1 RM	29
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	224
299	BMW-F.88	b) - do - labour charges only	1 RM	31

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	229
301	BMW-F.90	b) - do - labour charges only	1 RM	48
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	477
303	BMW-F.92	a)S & F 12.7 mm holder bat clamps	Each	3
304	BMW-F.93	b) - do - labour charges only	Each	5
305	BMW-F.94	a)S & F 19.05 mm holder bat clamps	Each	7
306	BMW-F.95	b) - do - labour charges only	Each	5
307	BMW-F.96	a)S & F 25.4 mm holder bat clamps	Each	10
308	BMW-F.97	b) - do - labour charges only	Each	5
309	BMW-F.98	a)S & F 38.1 mm holder bat clamps	Each	12
310	BMW-F.99	b) - do - labour charges only	Each	6
311	BMW-F.100	a) S& F12.7x 152.0 mm NP shower rose heavy	Each	98
312	BMW-F.101	b) - do - labour charges only	Each	14
313	BMW-F.102	a) S& F12.7x 137.0 mm NP shower rose heavy	Each	92
314	BMW-F.103	b) - do - labour charges only	Each	16
315	BMW-F.104	a) S& F12.7x 101.6 mm NP shower rose heavy	Each	87
316	BMW-F.105	b) - do - labour charges only	Each	16
317	BMW-F.106	a) S & F 12.7 x 88.9 CP fancy shower	Each	165
318	BMW-F.107	b) - do - labour charges only	Each	16
319	BMW-F.108	a) Supplying & fixing 12.7 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	12
320	BMW-F.109	b) - do - labour charges only	Each	16
321	BMW-F.110	a) Supplying & fixing 19.05 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	24
322	BMW-F.111	b) - do - labour charges only	Each	15
323	BMW-F.112	a) Supplying & fixing 25.4 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	29
324	BMW-	b) - do - labour charges only	Each	17

	F.113			
325	BMW-F.114	a) Taking branch water connection from the existing 25.4 mm GPIPE including cutting threading, etc, complete with fitting	Each	61
326	BMW-F.115	b) - do - labour charges only	Each	29
327	BMW-F.116	a) Taking branch water connection from the existing 19.05 mm GPIPE including cutting threading, etc, complete with fitting,	Each	27
328	BMW-F.117	b) - do - labour charges only	Each	26
329	BMW-F.118	a) Taking branch water connection from the existing 12.7 mm GPIPE including cutting threading, etc, complete with fitting,	Each	18
330	BMW-F.119	b) - do - labour charges only	Each	22
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	2
333	BMW-F.122	Supplying & Fixing 12.7 mm fibre washers	Each	2
334	BMW-F.123	Supplying & Fixing 19.05 mm fibre washers	Each	2
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	5
336	BMW-G.02	b) - do - labour charges only	1 Lit	0
337	BMW-G.03	Supply of Plastic storage tank lid with hinges	Each	50
338	BMW-G.04	Supply & Fixing 76.2 mm dia PVC elbow 1st quality	Each	27.6
339	BMW-G.05	Supply & fixing 31.75mm dia PVC flexible waste pipe of 914.4 mm length of 1st quality	Each	15.67
340	BMW-G.06	Supply & Fixing 38.1 mm dia PVC solid waste pipe outlet	Each	52.22
341	BMW-G.07	Supply & fixing Fancy PVC shelf including all fittings	Each	125.33
342	BMW-G.08	Supply & fixing of PVC low level systemwith internal components & short bend:10 Litres capacity Single Flush	Each	857.92
343	BMW-G.09	Supply & fixing of PVC low level systemwith internal components & short bend:10 litres capacity Dual Flush	Each	1007.13
344	BMW-G.10	Supply & fixing of PVC low level systemwith internal components & short bend:8 Litres capacity single Flush	Each	484.91
345	BMW-G.11	75 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	167
346	BMW-	90 mm dia 3 M single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	265

	G.12			
347	BMW-G.13	110 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	317
348	BMW-G.14	75 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	189
349	BMW-G.15	90 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	301
350	BMW-G.16	110 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	368
351	BMW-G.17	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	118
352	BMW-G.18	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	182
353	BMW-G.19	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	225
354	BMW-G.20	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	125
355	BMW-G.21	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	192
356	BMW-G.22	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	234
357	BMW-G.23	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	86
358	BMW-G.24	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	133
359	BMW-G.25	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	159
360	BMW-G.26	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	73
361	BMW-G.27	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	107
362	BMW-G.28	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	138
363	BMW-G.29	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	44
364	BMW-G.30	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	74
365	BMW-G.31	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	91
366	BMW-G.32	160 MM dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	755
367	BMW-G.33	75 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	283
368	BMW-G.34	90 mm dia 3 M single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	456
369	BMW-G.35	110 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	543
370	BMW-G.36	75 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	310
371	BMW-G.37	90 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	492
372	BMW-G.38	110 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	599

373	BMW-G.39	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	186
374	BMW-G.40	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	289
375	BMW-G.41	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	344
376	BMW-G.42	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	198
377	BMW-G.43	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	301
378	BMW-G.44	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	371
379	BMW-G.45	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	134
380	BMW-G.46	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	208
381	BMW-G.47	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	254
382	BMW-G.48	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	116
383	BMW-G.49	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	170
384	BMW-G.50	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	206
385	BMW-G.51	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	75
386	BMW-G.52	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	117
387	BMW-G.53	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	148
388	BMW-G.54	160 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	1235
389	BMW-G.55	75 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	32
390	BMW-G.56	90 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	46
391	BMW-G.57	110 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	54
392	BMW-G.58	75 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	44
393	BMW-G.59	90 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	62
394	BMW-G.60	110 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	70
395	BMW-G.61	75 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	25
396	BMW-G.62	90 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	36
397	BMW-G.63	110 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	46
398	BMW-G.64	75 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	44

399	BMW-G.65	90 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	64
400	BMW-G.66	110 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	77
401	BMW-G.67	75 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	39
402	BMW-G.68	90 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	58
403	BMW-G.69	110 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	70
404	BMW-G.70	75 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	47
405	BMW-G.71	90 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	70
406	BMW-G.72	110 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	85
407	BMW-G.73	75 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	82
408	BMW-G.74	90 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	119
409	BMW-G.75	110 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	170
410	BMW-G.76	75 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	131
411	BMW-G.77	90 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	187
412	BMW-G.78	110 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	193
413	BMW-G.79	75 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	48
414	BMW-G.80	90 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	77
415	BMW-G.81	110 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	90
416	BMW-G.82	75 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	62
417	BMW-G.83	90 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	97
418	BMW-G.84	110 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	112
419	BMW-G.85	75 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	67
420	BMW-G.86	90 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	104
421	BMW-G.87	110 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	118
422	BMW-G.88	75 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	86
423	BMW-G.89	90 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	135
424	BMW-G.90	110 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	152
425	BMW-G.91	75 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	23
426	BMW-G.92	90 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	33
427	BMW-	110 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	37

	G.93			
428	BMW-G.94	90 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings	Each	39
429	BMW-G.95	110 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings	Each	37
430	BMW-G.96	90 x 110mm dia - Reducer - UPVC/SWR Pipe fittings	Each	52
431	BMW-G.97	63 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	6
432	BMW-G.98	75 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	9
433	BMW-G.99	90 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	11
434	BMW-G.100	110 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	12
435	BMW-G.101	40 mm dia - Pipe Clip - UPVC/SWR Pipe fittings - Pipe Clip - UPVC/SWR Pipe fittings	Each	7
436	BMW-G.102	50 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	9
437	BMW-G.103	63 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	9
438	BMW-G.104	75 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	10
439	BMW-G.105	90 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	11
440	BMW-G.106	110 mm - Pipe Clip - UPVC/SWR Pipe fittings	Each	12
441	BMW-G.107	160 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	23
442	BMW-G.108	P' Trap (Small without Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	124
443	BMW-G.109	P' Trap (Small with Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	136
444	BMW-G.110	P' Trap (Big with Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	156
445	BMW-G.111	P' Trap (Big without Air vent) 110 mm - UPVC/SWR Pipe fittings	Each	143
446	BMW-G.112	Floor Trap (Bell Mouth) 110 mm - UPVC/SWR Pipe fittings	Each	148
447	BMW-G.113	Bell Mouth Trap 7 " (177.8 mm) - UPVC/SWR Pipe fittings	Each	216
448	BMW-G.114	4" (101.6 mm) Nahany Trap (Without Jali with inlet)UPVC/SWR Pipe fittings	Each	74
449	BMW-G.115	3" (76.2 mm) Nahany Trap (without Jali without inlet)UPVC/SWR Pipe fittings	Each	57
450	BMW-G.116	4" (101.6 mm) Nahany Trap (without inlet with out Jali)UPVC/SWR Pipe fittings	Each	70
451	BMW-G.117	Mini Trap - UPVC/SWR Pipe fittings	Each	35
452	BMW-G.118	3" (76.2 mm) Nahany Trap with Jali - UPVC/SWR Pipe fittings	Each	67

453	BMW-G.119	4" (101.6 mm) multi floor trap with Jali- UPVC/SWR Pipe fittings	Each	94
454	BMW-G.120	4" (101.6) multi floor trap with out Jalli- UPVC/SWR Pipe fittings	Each	74
455	BMW-G.121	Round Jali - UPVC/SWR Pipe fittings	Each	16
456	BMW-G.122	Square tile & Jalli - UPVC/SWR Pipe fittings	Each	25
457	BMW-G.123	Pipe connector(with LIP ring) - UPVC/SWR Pipe fittings	Each	99
458	BMW-G.124	Pipe connector(with out LIP ring) - UPVC/SWR Pipe fittings	Each	76
459	BMW-G.125	4" (101.6 mm) Floor Trap - UPVC/SWR Pipe fittings	Each	90
460	BMW-G.126	5" (127.mm) floor Trap - UPVC/SWR Pipe fittings	Each	96
461	BMW-G.127	75 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	37
462	BMW-G.128	90 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	41
463	BMW-G.129	110 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	48
464	BMW-G.130	75 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	35
465	BMW-G.131	90 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	40
466	BMW-G.132	110 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	41
467	BMW-G.133	75 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	5
468	BMW-G.134	90 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	6
469	BMW-G.135	110 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	7
470	BMW-G.136	75 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	6
471	BMW-G.137	90 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	7
472	BMW-G.138	110 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	9
473	BMW-G.139	LIP ring 110 mm - UPVC/SWR Pipe fittings	Each	46
474	BMW-G.140	Rubber Lubricant - 100 Grams	Each	19
475	BMW-G.141	Rubber Lubricant- 250Grams	Each	42
476	BMW-G.142	Rubber Lubricant - 500 Grams	Each	77
477	BMW-G.143	Rubber Lubricant - 1000 Grams	Each	143

478	BMW-G.144	P' Trap with lip UPVC/SWR Pipe fittings	Each	196
479	BMW-G.145	50 ml - Solvent Cement	Each	10
480	BMW-G.146	100 ml - Solvent Cement	Each	17
481	BMW-G.147	250 ml - Solvent Cement	Each	39
482	BMW-G.148	500 ml - Solvent Cement	Each	75
483	BMW-G.149	1000 ml - Solvent Cement	Each	148
484	BMW-G.150	110mm x 90 mm - Internal Reducer - UPVC/SWR Pipe fittings	Each	59
485	BMW-G.151	160 mm x 110 mm - Internal Reducer - UPVC/SWR Pipe fittings	Each	147
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	50
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	849
488	BMW-H.02	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1131
489	BMW-H.03	150 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	2073
490	BMW-H.04	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	942
491	BMW-H.05	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	1272
492	BMW-H.06	75 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	764
493	BMW-H.07	100 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	1020
494	BMW-H.08	75 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	683
495	BMW-H.09	100 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	908
496	BMW-H.10	75 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	556
497	BMW-H.11	100 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	725
498	BMW-H.12	75 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	584
499	BMW-H.13	100 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	725
500	BMW-H.14	75 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	202
501	BMW-H.15	100 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	233

502	BMW-H.16	75 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	290
503	BMW-H.17	100 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	334
504	BMW-H.18	150 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	637
505	BMW-H.19	75 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	400
506	BMW-H.20	100 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	443
507	BMW-H.21	150 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	798
508	BMW-H.22	75 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	614
509	BMW-H.23	100 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	828
510	BMW-H.24	75 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	676
511	BMW-H.25	100 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1011
512	BMW-H.26	75 mm dia Plain Bend - CI (Spun) fittings	Each	208
513	BMW-H.27	100 mm dia Plain Bend - CI (Spun) fittings	Each	245
514	BMW-H.28	150 mm dia Plain Bend - CI (Spun) fittings	Each	585
515	BMW-H.29	75 mm dia Door Bend - CI (Spun) fittings	Each	216
516	BMW-H.30	100 mm dia Door Bend - CI (Spun) fittings	Each	279
517	BMW-H.31	150 mm dia Door Bend - CI (Spun) fittings	Each	640
518	BMW-H.32	75 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	208
519	BMW-H.33	100 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	245
520	BMW-H.34	150 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	585
521	BMW-H.35	75 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	216
522	BMW-H.36	100 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	279
523	BMW-H.37	150 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	640
524	BMW-H.38	Horn Bend Plain 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	424
525	BMW-H.39	Horn Bend door 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	495
526	BMW-H.40	75 mm dia Heel Rest Bend - CI (Spun) fittings	Each	222
527	BMW-H.41	100 mm dia Heel Rest Bend - CI (Spun) fittings	Each	284
528	BMW-H.42	150 mm dia Heel Rest Bend - CI (Spun) fittings	Each	603

529	BMW-H.43	75 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	279
530	BMW-H.44	100 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	378
531	BMW-H.45	150 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	778
532	BMW-H.46	75 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	329
533	BMW-H.47	100 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	438
534	BMW-H.48	150 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	822
535	BMW-H.49	75 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	329
536	BMW-H.50	100 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	438
537	BMW-H.51	150 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	965
538	BMW-H.52	75 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	361
539	BMW-H.53	100 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	483
540	BMW-H.54	150 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	1040
541	BMW-H.55	75 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	382
542	BMW-H.56	100 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	515
543	BMW-H.57	75 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	426
544	BMW-H.58	100 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	536
545	BMW-H.59	75 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	426
546	BMW-H.60	100 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	536
547	BMW-H.61	75 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	449
548	BMW-H.62	100 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	582
549	BMW-H.63	75 mm dia Shoe Bend - CI (Spun) fittings	Each	263
550	BMW-H.64	100 mm dia Shoe Bend - CI (Spun) fittings	Each	308
551	BMW-H.65	150 mm dia Shoe Bend - CI (Spun) fittings	Each	626
552	BMW-H.66	75 mm dia Collar - CI (Spun) fittings	Each	180
553	BMW-H.67	100 mm dia Collar - CI (Spun) fittings	Each	219
554	BMW-H.68	150 mm dia Collar - CI (Spun) fittings	Each	449
555	BMW-H.69	75 mm dia Cowl - CI (Spun) fittings	Each	159
556	BMW-H.70	100 mm dia Cowl - CI (Spun) fittings	Each	180
557	BMW-	150 mm dia Cowl - CI (Spun) fittings	Each	405

	H.71			
558	BMW-H.72	75 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	230
559	BMW-H.73	100 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	279
560	BMW-H.74	150 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	565
561	BMW-H.75	75 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	252
562	BMW-H.76	100 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	329
563	BMW-H.77	150 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	657
564	BMW-H.78	75 mm diaLong Door Bend - CI (Spun) fittings	Each	530
565	BMW-H.79	100 mm diaLong Door Bend - CI (Spun) fittings	Each	570
566	BMW-H.80	75 mm dia Hand Hole pipe (Inspection pipe)	Each	305
567	BMW-H.81	100 mm dia Hand Hole pipe (Inspection pipe)	Each	414
568	BMW-H.82	150 mm dia Hand Hole pipe (Inspection pipe)	Each	552
569	BMW-H.83	75 mm dia P Traps - CI (Spun) fittings	Each	329
570	BMW-H.84	100 mm dia P Traps - CI (Spun) fittings	Each	452
571	BMW-H.85	4" x 3" (101.6 mm x 76.2mm) P. Traps 100 mm dia - CI (Spun) fittings	Each	518
572	BMW-H.86	4" x 3" (101.6 mm x 76.2mm) Vent Traps 100 mm dia - CI (Spun) fittings	Each	518
573	BMW-H.87	4" x 3" (101.6 mm x 76.2mm) Reducer 75 mm dia - CI (Spun) fittings	Each	322
574	BMW-H.88	6" x 4" (152.4 mm x101.6 mm) Reducer 75 mm dia - CI (Spun) fittings	Each	440
575	BMW-H.89	3" x 2" (76.2 mm x 50.8 mm) plain T 75 mm dia - CI (Spun) fittings	Each	275
576	BMW-H.90	3" x 2" (76.2 mm x 50.8 mm) Door T 75 mm dia - CI (Spun) fittings	Each	429
577	BMW-H.91	3" x 2" (76.2 mm x 50.8 mm) Plain Y 75 mm dia - CI (Spun) fittings	Each	429
578	BMW-H.92	3" x 2" (76.2 mm x 50.8 mm) Door Y 75 mm dia - CI (Spun) fittings	Each	429
579	BMW-H.93	4" x 3" (101.6 mm x 76.2mm) Plain T75 mm dia - CI (Spun) fittings	Each	429
580	BMW-H.94	4" x 3" (101.6 mm x 76.2mm) Door T75 mm dia - CI (Spun) fittings	Each	455
581	BMW-H.95	4" x 3" (101.6 mm x 76.2mm) Plain Y75 mm dia - CI (Spun) fittings	Each	455
582	BMW-H.96	4" x 3" (101.6 mm x 76.2mm) DoorY75 mm dia - CI (Spun) fittings	Each	486
583	BMW-H.97	6" x 4" (152.4 mm x101.6 mm) Plain T 75 mm dia - CI (Spun) fittings	Each	636

584	BMW-H.98	6" x 4" (152.4 mm x101.6 mm)Door T 75 mm dia - CI (Spun) fittings	Each	688
585	BMW-H.99	6" x 4" (152.4 mm x101.6 mm) Plain Y 75 mm dia - CI (Spun) fittings	Each	728
586	BMW-H.100	6" x 4" (152.4 mm x101.6 mm)DoorY 75 mm dia - CI (Spun) fittings	Each	890
587	BMW-H.101	75 mm diaPlain " T" 27 " (685.8 mm) Special Types of Long Fittings	Each	923
588	BMW-H.102	100 mm dia - Plain " T" 27 " (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1296
589	BMW-H.103	75 mm dia Door "T" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1030
590	BMW-H.104	100mm dia Door "T" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1423
591	BMW-H.105	75 mm diaPlain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1030
592	BMW-H.106	100mm diaPlain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1423
593	BMW-H.107	75 mm dia Door " Y" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1149
594	BMW-H.108	100mm dia Door " Y" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1563
I		MISCELLANEOUS ITEMS		
595	BMW-I.01	a) Supplying & Fixing solder joints up to 50.8 mm dia	Each	37
596	BMW-I.02	b) - do - labour charges only	Each	14
597	BMW-I.03	a) Supplying & Fixing solution joints up to 50.8 dia 1st quality.	Each	7
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	21
600	BMW-I.06	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	98
601	BMW-I.07	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	21
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	1088
603	BMW-I.09	b) - do - labour charges only	Each	286
604	BMW-I.10	a) S & F NP shower spray fancy with NP Flexible pipe	Each	274
605	BMW-I.11	b) - do - labour charges only	Each	95
606	BMW-I.12	a) S & F NP cover for Nahany trap	Each	8
607	BMW-I.13	b) - do - labour charges only	Each	13
608	BMW-I.14	a) Painting the flushing tank with white enamel paint	Each	27
609	BMW-	b) - do - labour charges only	Each	45

	I.15			
610	BMW-I.16	S & F internal fittings for flush tank Parryplast wonder flush or equivalent	Each	401
611	BMW-I.17	Repairing and over hauling flushing tank	Each	53
612	BMW-I.18	a) Supplying & Fixing NP chain rubber and plug for basin	Each	21
613	BMW-I.19	b) - do - labour charges only	Each	4
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	75
615	BMW-I.21	b) - do - labour charges only	Each	31
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	47
617	BMW-I.23	b) - do - labour charges only	Each	48
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	94
619	BMW-I.25	b) - do - labour charges only	Each	40
620	BMW-I.26	a) S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	35
621	BMW-I.27	b) - do - labour charges only	Each	8
622	BMW-I.28	a) S & F NP soap dish heavy type with NP SCREWS	Each	141
623	BMW-I.29	b) - do - labour charges only	Each	9
624	BMW-I.30	a) S & F NP holder brackets with screws	Each	22
625	BMW-I.31	b) - do - labour charges only	Each	10
626	BMW-I.32	a) S & F liquid soap container NP metallic with NP brackets and screws.	Each	135
627	BMW-I.33	b) - do - labour charges only	Each	16
628	BMW-I.34	a) S & F 31.75 mm C.P TRAPS	Each	166
629	BMW-I.35	b) - do - labour charges only	Each	31
630	BMW-I.36	a) Supplying & fixing 88.9 mm A.C cowls	Each	35
631	BMW-I.37	b) - do - labour charges only	Each	10
632	BMW-I.38	a)Supplying & fixing A.CCowl 63.5 mm dia	Each	23
633	BMW-I.39	b) - do - labour charges only	Each	8
634	BMW-I.40	Removing and refixing W.C s	Each	140
635	BMW-I.41	Removing and refixing wash hand basins of any size with fittings complete	Each	125
636	BMW-	a)S & F 76.2 x 101.6 mm teak wood block complete	Each	11

	I.42			
637	BMW-I.43	b) - do - labour charges only	Each	6
638	BMW-I.44	Cutting holes in C.C; basement & repairs Labour charges only	Each	71
639	BMW-I.45	Cutting holes in stone masonry& basement and repairs Labour charges only	Each	48
640	BMW-I.46	Cutting holes in Brick masonry& repairs Labour charges only	Each	31
641	BMW-I.47	Cutting holes in RCC slab floor & repairs Labour charges only	Each	48
642	BMW-I.48	a)Supplying & Fixing 12.7 mm PVC connection with brass union nut C.P coated	Each	50
643	BMW-I.49	b) - do - labour charges only	Each	12
644	BMW-I.50	a) S & F 12.7 mm .M.P couplings	Each	15
645	BMW-I.51	b) - do - labour charges only	Each	8
646	BMW-I.52	a) S & F 19.05 mm M.P couplings	Each	18
647	BMW-I.53	b) - do - labour charges only	Each	8
648	BMW-I.54	a) S& F MP coupling 25.4 mm dia	Each	46
649	BMW-I.55	a) S & FPVC Rubber adopter for LLC and bend	Each	0
650	BMW-I.56	b) - do - labour charges only	Each	5
651	BMW-I.57	a) S& F 31.75 mm Brass union nuts	Each	17
652	BMW-I.58	b) - do - labour charges only	Each	5
653	BMW-I.59	a) S& F 38.1 mm Brass union nuts	Each	18
654	BMW-I.60	b) - do - labour charges only	Each	6
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	220
656	BMW-I.62	b) - do - labour charges only	Each	71
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	31
658	BMW-I.64	b) - do - labour charges only	Each	16
659	BMW-I.65	a) Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	52
660	BMW-I.66	b) - do - labour charges only	Each	25
661	BMW-I.67	a) Supplying & fixing CI Nahany trap grating	Each	5
662	BMW-I.68	b) - do - labour charges only	Each	8

663	BMW-I.69	a) Supplying & fixing CI gully trap grating	Each	23
664	BMW-I.70	b) - do - labour charges only	Each	8
665	BMW-I.71	a) Supplying & fixing valves for brass ball cocks 25.4 mm dia	Each	7
666	BMW-I.72	b) - do - labour charges only	Each	6
667	BMW-I.73	a) Supplying & fixing 12.7 m valve for bib tap or stop cocks	Each	7
668	BMW-I.74	b) - do - labour charges only	Each	4
669	BMW-I.75	a) Supplying & fixing 19.05 m valve for bib tap or stop cocks	Each	24
670	BMW-I.76	b) - do - labour charges only	Each	8
671	BMW-I.77	Removing 12.7 mm Glpipe and refixing the same	Mr.	37
672	BMW-I.78	Removing 19.05 mm Glpipe and refixing the same	Mr.	41
673	BMW-I.79	Removing 25.4 mm Glpipe and refixing the same	Mr.	62
674	BMW-I.80	Removing 38.1 mm Glpipe and refixing the same	Rm	79
675	BMW-I.81	Removing 50.8 mm Glpipe and refixing the same	Rm	91
676	BMW-I.82	Cleaning the W.C with acid and Vim powder	Each	25
677	BMW-I.83	Cleaning the Urinal with acid and Vim power	Each	25
678	BMW-I.84	Cleaning the wash basin with acid and Vim powder	Each	25
679	BMW-I.85	Cleaning theE.W.C with acid and Vim power	Each	25
680	BMW-I.86	Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight) 30 Kgs	Each	1185
681	BMW-I.87	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight) 30 Kgs	Each	1683
682	BMW-I.88	b) - do - labour charges only	Each	100
683	BMW-I.89	a) Supplying & fixing CI steps for septic tank.	Each	31
684	BMW-I.90	b) - do - labour charges only	Each	8
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	680
686	BMW-I.92	b) - do - labour charges only	Each	100
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	1364
688	BMW-I.94	b) - do - labour charges only	Each	254

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	153
690	BMW-I.96	a) Cost. 50.8 mm RCC partition wall	1Sqm	167
691	BMW-I.97	b) - do - labour charges only	1 Sqm	31
692	BMW-I.98	a)S& F double layer of bamboo matting tarred on both sides.	10 Sqm	382
693	BMW-I.99	b) - do - labour charges only	10 Sqm	88
694	BMW-I.100	Removing of 101.6 m or 76.2 mm CI pipe	1 RM	27
695	BMW-I.101	a) Supplying & fixing 76.2 mm W.I clamps	Each	15
696	BMW-I.102	b) - do - labour charges only	Each	6
697	BMW-I.103	a) Supplying & fixing NP coat hook	Each	29
698	BMW-I.104	b) - do - labour charges only	Each	8
699	BMW-I.105	a) Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457 .2 mm	Each	313
700	BMW-I.106	b) - do - labour charges only	Each	83
701	BMW-I.107	a) Supplying & fixing GI pipe plug of size 12.7 mm dia	Each	6
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	8
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	44
706	BMW-I.112	b) - do - labour charges only	Each	6
707	BMW-I.113	a) Supplying & fixing 50.8 mm dia of GI PLUG	Each	68
708	BMW-I.114	b) - do - labour charges only	Each	8
709	BMW-I.115	a) Supplying & fixing 76.2 mm dia of GI PLUG	Each	123
710	BMW-I.116	b) - do - labour charges only	Each	13
711	BMW-I.117	a) Supplying & fixing C.P flange.	Each	16
712	BMW-I.118	b) - do - labour charges only	Each	5
713	BMW-I.119	a) Supplying & fixing stainless steel sink size 36" x 18" (914.4x457.2mm) 1 mm thick with accessories	Each	4199
714	BMW-I.120	b) - do - labour charges only	Each	360
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	3312

716	BMW-I.122	b) - do - labour charges only	Each	350
717	BMW-I.123	a) Supplying & fixing stainless steel sink size 20" x18" x 8 "(508x457.2x203.2mm) 1 mm thick with accessories	Each	3001
718	BMW-I.124	b) - do - labour charges only	Each	320
719	BMW-I.125	Supplying & fixing 4 " x 24 " (101.6x609.6mm) white glazed porcelain channel fixed in brick masonry white cement pointing.	Each	303
720	BMW-I.126	Supply & Fixing of steel surgical long elbow action handle 12.7 mm dia bib cock Indian make heavy type including all materials	Each	544.6
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	2984.08
722	BMW-I.128	Supply & fixing porcelain P' trap	Each	128.32
723	BMW-I.129	Supplying & fixing oval shape basin white (520x410mm)parry or equivalent	Each	1365.22
724	BMW-I.130	Supply & fixing RCC cover 22" dia with nominal reinforcement 3 " thick and hooks for lifting	Each	387.93
725	BMW-I.131	Supply & fixing cp spl. Grating with frame and cover of 1 st quality	Each	35.06
726	BMW-I.132	Supply & fixing towel rod (CP) of 24" long and 3/4 " dia	Each	217.84
727	BMW-I.133	Supply & fixing of LLC handle set 1stquality	Each	43.27
728	BMW-I.134	Mechanical Cleaning of water sumps with pumps & UV disinfecting	1000 Lit	29.84
729	BMW-I.135	Supply & fixing 4" dia CP thimble pipe: 150 mm long	Each	227.54
730	BMW-I.136	Supply & fixing 4" dia CP thimble pipe: 220 mm long	Each	340.19
731	BMW-I.137	Supply & fixing 4" dia CP thimble pipe: 300 mm long	Each	453.58
732	BMW-I.138	Supply & fixing CP long bend	Each	191.73
733	BMW-I.139	Supply & fixing CP short bend	Each	96.24
734	BMW-I.140	Supplying & fixing 15 mm bib tap with flange Chromeum plated Jaquar make queen series	Each	801.97
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	2303.71
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	3816.64
737	BMW-I.143	Supply & fixing pillar cock Jaquar make Queen series with 7 years warranty: Chrome plated	Each	897.46
738	BMW-I.144	Supply & fixing pillar cock Jaquar make Queen series with 7 years warranty: Ivory gold	Each	1503.23
739	BMW-I.145	Supply & fixing Angular stop cocks with wall flange Jaquar make Queen series with 7 years warranty: Chrome plated	Each	868.37

740	BMW-I.146	Supply & fixing Angular stop cocks with wall flange Jaquar make Queen series with 7 years warranty: Ivory gold	Each	1706.9
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	208.89
742	BMW-I.148	Supply & fixing of Bottle trap Jaquar make with 7 years warranty: Chrome plated	Each	872.84
743	BMW-I.149	Supply & fixing of Bottle trap Jaquar make with 7 years warranty: Ivory gold	Each	1372.68
744	BMW-I.150	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make with 7 years warranty: Chrome plated	Each	208.89
745	BMW-I.151	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make with 7 years warranty:Ivory gold	Each	407.33
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	2643.15
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	4771.55
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	1212.28
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	1867.29
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	7390.09
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	848.97
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	1275.7
753	BMW-I.159	Supply & fixingsoap dish Jaquar make queen series: with 7 years warranty:Chrome plated	Each	800.48
754	BMW-I.160	Supply & fixingsoap dish Jaquar make queen series: with 7 years warranty: Ivory Gold	Each	1289.87
755	BMW-I.161	Supply & fixing of toilet paper holder Jaquar make Queen series. with 7 years warranty: Chrome plated	Each	674.4
756	BMW-I.162	Supply & fixing of toilet paper holder Jaquar make Queen series. with 7 years warranty: Ivory Gold	Each	1178.71
757	BMW-I.163	Supply & Fixing of Towel ring Jaquar make Queen series with 7 years warranty: Chrome plated	Each	630.39
758	BMW-I.164	Supply & Fixing of Towel ring Jaquar make Queen series with 7 years warranty: Ivory Gold	Each	1076.51
759	BMW-I.165	Supply & Fixingof towel coat hook Jaquar make Queen series with 7 years warranty:Chrome plated	Each	461.04

760	BMW-I.166	Supply & Fixing of towel coat hook Jaquar make Queen series with 7 years warranty: Ivory Gold	Each	945.95
761	BMW-I.167	Supply & Fixing of Towel rod 24 " Jaquar make Queen series Ivory gold colour with 7 years warranty	Each	1663.63
762	BMW-I.168	Supply & Fixing of Tumbler holder Jaquar make Queen series, Ivory gold colour with 7 years warranty	Each	1169.02
763	BMW-I.169	Supply & fixing of Glass shelf 22" Jaquar make Queen series, Ivory gold colour with 7 years warranty	Each	2308.19
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	1639.01
765	BMW-I.171	Supply & Fixing of Bibcock Jaquar Continental series, Chrome Finish with 7 years warranty	Each	480.44
766	BMW-I.172	Supply & Fixing of Pillar cock Jaquar Continental series, Chrome Finish with 7 years warranty	Each	596.82
767	BMW-I.173	Supply & Fixing of Angular stopcock with wall flange Jaquar Continental series, Chrome finish with 7 years warranty	Each	470.74
768	BMW-I.174	Supply fixing of Waste coupling Jaquar make, Chrome finish with 7 years warranty	Each	208.89
769	BMW-I.175	Supply & Fixing of Bottle Trap Jaquar make, Chrome finish with 7 years warranty	Each	921.34
770	BMW-I.176	Supply & Fixing of copper pipe 450mm long with nuts & washers Jaquar make, Chrome Finish with 7 years warranty	Each	208.89
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	2109.75
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	969.83
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	2977.37
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	610.99
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	848.97
776	BMW-I.182	Supply & Fixing soap dish Jaquar make Continental series, Chrome Finish with 7 years warranty	Each	655.01
777	BMW-I.183	Supply & Fixing of Toilet paper holder Jaquar make Continental series, Chrome finish with 7 years warranty	Each	480.44
778	BMW-I.184	Supply & Fixing of Towel Ring Jaquar make Continental series, Chrome finish with 7 years warranty	Each	552.8
779	BMW-I.185	Supply & Fixing Double coat hook Jaquar make Continental series, Chrome finish with 7 years warranty	Each	412.55
780	BMW-I.186	Supply & Fixing of towel rail 24" Jaquar make Continental series, Chrome finish with 7 years warranty	Each	892.24

781	BMW-I.187	Supply & Fixing of Tumblerholder Jaquar make Continental series, Chrome finish with 7 years warranty	Each	601.29
782	BMW-I.188	Supply & Fixing of Glass shelf 22" Jaquar make Continental series, Chrome finish with 7 years warranty	Each	1183.19
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	2051.56
784	BMW-I.190	Supply & Fixing of Bibcock Jaquar Florentine (Quarter turn)series, Chrome Finish with 7 years warranty	Each	655.01
785	BMW-I.191	Supply & Fixing of Pillar cock Jaquar Florentine(Quarter turn) series, Chrome Finish with 7 years warranty	Each	655.01
786	BMW-I.192	Supply & Fixing of Angular stopcock with wall flange Jaquar Florentine(Quarter turn)series, Chrome finish with 7 years warranty	Each	630.39
787	BMW-I.193	Supply & Fixing of Bottle Trap Jaquar make, Chrome finish with 7 years warranty	Each	921.34
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	2449.19
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	3806.95
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	1013.84
791	BMW-I.197	Supply & Fixing of Rose shower with revolving ball joint & 115mm long shower arm with 7 years warranty	Each	1163.79
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	2036.64
793	BMW-I.199	Supply & Fixing of Jaquar make Sensotronic sensor faucet for wash basin, Chrome plated with 7 years warranty	Each	8001.08
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	8001.08
795	BMW-I.201	Supply & fixing of Jaquar make Auto closing system pillar cock for wash basin, Chrome plated with 7 years warranty	Each	1260.78
796	BMW-I.202	Supply& Fixing of Jaquar make Auto Closing system Bibcock, Chrome plated with 7 years warranty	Each	1260.78
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	99.97

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	137
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	172
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	230
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	303
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	385
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	160

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	191
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	236
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	312
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	405
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	511

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	130
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	154
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	187
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	243
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	311
		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 identical CPVC compounds having the same physical Properties for Hot and Cold Water (IS 15778:2007)		

814	BMW-I.220	15.90mm ODPipe - SDR 13.5	1 RM	89.52
815	BMW-I.221	22.20mm ODPipe - SDR 13.5	1 RM	100.71
816	BMW-I.222	28.60mm ODPipe - SDR 13.5	1 RM	134.28
817	BMW-I.223	34.90mm ODPipe - SDR 13.5	1 RM	182.78
818	BMW-I.224	41.30mm ODPipe - SDR 13.5	1 RM	227.54
819	BMW-I.225	54.00mm ODPipe - SDR 13.5	1 RM	331.98
820	BMW-I.226	15.90mm ODPipe - SDR 11	1 RM	99.22
821	BMW-I.227	22.20mm ODPipe - SDR 11	1 RM	119.36
822	BMW-I.228	28.60mm ODPipe - SDR 11	1 RM	143.98
823	BMW-I.229	34.90mm ODPipe - SDR 11	1 RM	196.2
824	BMW-I.230	41.30mm ODPipe - SDR 11	1 RM	242.46
825	BMW-I.231	54.00mm ODPipe - SDR 11	1 RM	354.36

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

Buildings SoR 2009-10 (Electrical Items)

SL NO	Item Code	QTY	DESCRIPTION	BASIC RATE for SOR 2009-10 excluding subsumed taxes
1	2	3	4	5
			I st SECTION	
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.	50.10
2	ELEC-1.1.2	1 Mtr	Supply of ISI, 25mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	58.45
3	ELEC-1.1.3	1 Mtr	Supply of ISI, 32mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	87.68
4	ELEC-1.1.4	1 Mtr	Supply of ISI, 38mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	88.51
5	ELEC-1.1.5	1 Mtr	Supply of ISI, 50mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	125.25
6	ELEC-1.1.6	1 No	Supply of 19 / 20 mm MS Junction box normal range big size long neck.	16.70
7	ELEC-1.1.7	1 No	Supply of 25 mm MS Junction box normal range big size long neck.	16.70
8	ELEC-1.1.8	1 No	Supply of 32 mm MS Junction box normal range big size long neck.	43.42
9	ELEC-1.1.9	1 No	Supply of 40 / 38 mm MS Junction box normal range big size long neck.	51.77
10	ELEC-1.1.10	1 No	Supply of 50 mm MS Junction box normal range big size long neck.	93.52
11	ELEC-1.1.11	1 No	Supply of 25/20mm.MS Junction deep box.	26.72
12	ELEC-1.1.12	1 No	Supply of 32mm.MS Junction deep box.	62.63
13	ELEC-1.1.13	1 No	Supply of 40mm.MS Junction deep box.	64.30
14	ELEC-1.1.14	1 No	Supply of 19/20mm MS Inspection Bends.	15.03
15	ELEC-1.1.15	1 No	Supply of 25mm MS Inspection Bends.	15.03
16	ELEC-1.1.16	1 No	Supply of 32mm MS Inspection Bends.	38.41
17	ELEC-1.1.17	1 No	Supply of 40/38mm MS Inspection Bends.	46.76
18	ELEC-1.1.18	1 No	Supply of 50mm MS Inspection Bends.	80.16
19	ELEC-1.1.19	1 No	Supply of 19/20mm MS Inspection Tee.	15.87
20	ELEC-1.1.20	1 No	Supply of 25mm MS Inspection Tee.	16.70
21	ELEC-1.1.21	1 No	Supply of 32mm MS Inspection Tee.	43.42
22	ELEC-1.1.22	1 No	Supply of 40/38mm MS Inspection Tee.	51.77
23	ELEC-1.1.23	1 No	Supply of 50mm MS Inspection Tee.	93.52
24	ELEC-1.1.24	1 No	Supply of 19/20mm MS Inspection Elbow.	14.20
25	ELEC-1.1.25	1 No	Supply of 25mm MS Inspection Elbow.	14.20
26	ELEC-1.1.26	1 No	Supply of 32mm MS Inspection Elbow.	36.74
27	ELEC-1.1.27	1 No	Supply of 40/38mm MS Inspection Elbow.	45.09
28	ELEC-1.1.28	1 No	Supply of 50mm MS Inspection Elbow.	75.15
29	ELEC-1.1.29	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 19/20mm.	144.46
30	ELEC-1.1.30	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 25mm.	179.53
31	ELEC-1.1.31	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 32mm.	334.00
32	ELEC-1.1.32	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 40/38mm.	450.90
33	ELEC-1.1.33	100 Nos	Supply of MS Inspection 10 Guage G.I. checknut size 50mm.	893.45
34	ELEC-1.1.34	100 Nos	Supply of 19/20mm Saddles with Base.	147.80
35	ELEC-1.1.35	100 Nos	Supply of 25mm Saddles with Base.	154.48
36	ELEC-1.1.36	100 Nos	Supply of 32mm Saddles with Base.	254.68
37	ELEC-1.1.37	100 Nos	Supply of 40/38mm Saddles with Base.	271.38

1	2	3	4	5
38	ELEC-1.1.38	100	Nos Supply of 50mm Saddles with Base.	313.13
39	ELEC-1.1.39	100	Nos Supply of 19/20mm 20 guage Saddles.	79.33
40	ELEC-1.1.40	100	Nos Supply of 25mm 20 guage Saddles.	104.38
41	ELEC-1.1.41	100	Nos Supply of 32mm 20 guage Saddles.	171.18
42	ELEC-1.1.42	100	Nos Supply of 40/38mm 20 guage Saddles.	216.27
43	ELEC-1.1.43	100	Nos Supply of 50mm 20 guage Saddles.	263.03
44	ELEC-1.1.44	12	Nos Supply of 19/20mm 16 Guage socket coupler.	40.08
45	ELEC-1.1.45	12	Nos Supply of 25mm 16 Guage socket coupler.	50.10
46	ELEC-1.1.46	12	Nos Supply of 32mm 16 Guage socket coupler.	75.15
47	ELEC-1.1.47	12	Nos Supply of 38mm 16 Guage socket coupler.	90.18
48	ELEC-1.1.48	12	Nos Supply of 40mm 16 Guage socket coupler.	120.24
49	ELEC-1.1.49	12	Nos Supply of 50mm 16 Guage socket coupler.	148.63
50	ELEC-1.1.50	12	Nos Supply of 19mm Ball Socket.	148.63
51	ELEC-1.1.51	12	Nos Supply of 25mm Ball Socket.	145.29
1.2			PVC PIPES	
			ISI Sudhakar / Maco Plast / Avon Plast / Modi.	
52	ELEC-1.2.1	1	Mtr Supply of ISI 20mm dia 1.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	12.53
53	ELEC-1.2.2	1	Mtr Supply of ISI 20mm dia 2.0mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	15.87
54	ELEC-1.2.3	1	Mtr Supply of ISI 25mm dia 1.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	16.70
55	ELEC-1.2.4	1	Mtr Supply of ISI 25mm dia 2.0mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	20.88
56	ELEC-1.2.5	1	Mtr Supply of ISI 32mm dia 2.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	29.23
57	ELEC-1.2.6	1	Mtr Supply of ISI 40mm dia 2.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	41.75
58	ELEC-1.2.7	1	Mtr Supply of ISI 50mm dia 2.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	53.44
59	ELEC-1.2.8	1	Mtr Supply of Non - ISI 20mm dia 1.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	10.02
60	ELEC-1.2.9	1	Mtr Supply of Non - ISI 20mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	13.36
61	ELEC-1.2.10	1	Mtr Supply of Non - ISI 25mm dia 1.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	13.36
62	ELEC-1.2.11	1	Mtr Supply of Non - ISI 25mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	17.54
63	ELEC-1.2.12	1	Mtr Supply of Non - ISI 32mm dia 2.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	23.38
64	ELEC-1.2.13	1	Mtr Supply of Non - ISI 40mm dia 2.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	30.90
65	ELEC-1.2.14	1	Mtr Supply of Non - ISI 50mm dia 2.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	35.07
66	ELEC-1.2.15	1	Mtr Supply of ISI 19/20mm width and 12.5mm height Casing and Caping of Modi make.	16.70
67	ELEC-1.2.16	1	Mtr Supply of ISI 25mm width and 12.5mm height Casing and Caping of Modi make.	20.88
68	ELEC-1.2.17	1	Mtr Supply of ISI 32mm width and 12.5mm height Casing and Caping of Modi make.	24.22
69	ELEC-1.2.18	1	Mtr Supply of ISI 38/40mm width and 12.5mm height Casing and Caping of Modi make.	41.75
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.	12.53

1	2	3	4	5
71	ELEC-1.2.20	1 Mtr	Supply of Non - ISI 25mm width and 12.5mm height Casing and Capping of Diamond / Durga make.	13.36
72	ELEC-1.2.21	1 Mtr	Supply of Non - ISI 32mm width and 12.5mm height Casing and Capping of Diamond / Durga make.	17.54
73	ELEC-1.2.22	1 Mtr	Supply of Non - ISI 38/40mm width and 12.5mm height Casing and Capping of Diamond / Durga make.	25.89
74	ELEC-1.2.23	1 Mtr	Supply of 19/20mm PVC Flexible Pipe.	2.51
75	ELEC-1.2.24	1 Mtr	Supply of 25mm PVC Flexible Pipe.	3.34
76	ELEC-1.2.25	1 Mtr	Supply of 32mm PVC Flexible Pipe.	4.18
77	ELEC-1.2.26	1 Mtr	Supply of 40/38mm PVC Flexible Pipe.	8.35
78	ELEC-1.2.27	1 Mtr	Supply of 50mm PVC Flexible Pipe.	13.36
79	ELEC-1.2.28	1 No	Supply of 19/20mm PVC Flexible Couplings.	7.52
80	ELEC-1.2.29	1 No	Supply of 25mm PVC Flexible Couplings.	9.19
81	ELEC-1.2.30	1 No	Supply of 32mm PVC Flexible Couplings.	19.21
82	ELEC-1.2.31	1 No	Supply of 40/38mm PVC Flexible Couplings.	20.88
83	ELEC-1.2.32	1 No	Supply of 50mm PVC Flexible Couplings.	41.75
84	ELEC-1.2.33	1 No	Supply of 19/20mm PVC Junction Boxes Normal.	10.86
85	ELEC-1.2.34	1 No	Supply of 25mm PVC Junction Boxes Normal.	12.53
86	ELEC-1.2.35	1 No	Supply of 32mm PVC Junction Boxes Normal.	21.71
87	ELEC-1.2.36	1 No	Supply of 40/38mm PVC Junction Boxes Normal.	24.22
88	ELEC-1.2.37	1 No	Supply of 50mm PVC Junction Boxes Normal.	33.40
89	ELEC-1.2.38	1 No	Supply of PVC Junction Boxes Deep size 19/20mm.	14.20
90	ELEC-1.2.39	1 No	Supply of PVC Junction Boxes Deep size 25mm.	16.70
91	ELEC-1.2.40	1 No	Supply of PVC Junction Boxes Deep size 32mm.	25.89
92	ELEC-1.2.41	1 No	Supply of PVC Junction Boxes Deep size 40/38mm.	28.39
93	ELEC-1.2.42	1 No	Supply of PVC Junction Boxes Deep size 50mm.	41.75
94	ELEC-1.2.43	1 No	Supply of 19/20mm PVC Bends.	3.34
95	ELEC-1.2.44	1 No	Supply of 25mm PVC Bends.	4.18
96	ELEC-1.2.45	1 No	Supply of 32mm PVC Bends.	10.02
97	ELEC-1.2.46	1 No	Supply of 40/38mm PVC Bends.	12.53
98	ELEC-1.2.47	1 No	Supply of 50mm PVC Bends.	18.37
99	ELEC-1.2.48	1 No	Cover to PVC junction boxes	3.34
1.3			HOT DIP GALVANIZED METAL BOXES SURFACE/FLUSH	
100	ELEC-1.3.1	1 No	Supply of Metal Boxes of 1 or 2 Module	42.75
101	ELEC-1.3.2	1 No	Supply of Metal Boxes of 3 Module	59.85
102	ELEC-1.3.3	1 No	Supply of Metal Boxes of 4 Module	71.82
103	ELEC-1.3.4	1 No	Supply of Metal Boxes of 6 Module	97.47
104	ELEC-1.3.5	1 No	Supply of Metal Boxes of 8 or 9 Module Horizontal/Vertical.	128.25
105	ELEC-1.3.6	1 No	Supply of Metal Boxes of 12 Module vertical.	157.32
105 a			4" x 4" Metal Boxes	59.85
105 b			4" x 7" Metal Boxes	92.34
105 c			6" x 6" Metal Boxes	107.73
105 d			6" x 8" Metal Boxes	133.38
105 e			8" x 10" Metal Boxes	194.94
105 f			10" x 12" Metal Boxes	288.99
1.4			T.W. BOARDS	0.00
106	ELEC-1.4.1	1 No	Supply of T.W.Board of Size 4" x 4"	6.84
107	ELEC-1.4.2	1 No	Supply of T.W.Board of Size 4" x 7"	11.97
108	ELEC-1.4.3	1 No	Supply of T.W.Board of Size 6" x 6"	15.39
109	ELEC-1.4.4	1 No	Supply of T.W.Board of Size 6" x 8"	20.52
110	ELEC-1.4.5	1 No	Supply of T.W.Board of Size 8" x 10"	34.20
111	ELEC-1.4.6	1 No	Supply of T.W.Board of Size 10" x 12"	51.30
112	ELEC-1.4.7	1 No	Supply of T.W.Board of Size 12" x 15"	76.95
113	ELEC-1.4.8	1 No	Supply of T.W.Deep Box of Size 4" x 4"	6.84
114	ELEC-1.4.9	1 No	Supply of T.W.Deep Box of Size 4" x 7"	11.97
115	ELEC-1.4.10	1 No	Supply of T.W.Deep Box of Size 6" x 6"	15.39
116	ELEC-1.4.11	1 No	Supply of T.W.Deep Box of Size 6" x 8"	20.52
117	ELEC-1.4.12	1 No	Supply of T.W.Deep Box of Size 8" x 10"	34.20
118	ELEC-1.4.13	1 No	Supply of T.W.Deep Box of Size 10" x 12"	51.30
119	ELEC-1.4.14	1 No	Supply of T.W.Deep Box of Size 12" x 15"	76.95
120	ELEC-1.4.15	1 No	Supply of 3 mm thick hylam sheet of Size 4" x 4"	6.84
121	ELEC-1.4.16	1 No	Supply of 3 mm thick hylam sheet of Size 4" x 7"	11.97

1	2	3	4	5
122	ELEC-1.4.17	1 No	Supply of 3 mm thick hylam sheet of Size 6" x 6"	15.39
123	ELEC-1.4.18	1 No	Supply of 3 mm thick hylam sheet of Size 6" x 8"	20.52
124	ELEC-1.4.19	1 No	Supply of 3 mm thick hylam sheet of Size 8" x 10"	34.20
125	ELEC-1.4.20	1 No	Supply of 3 mm thick hylam sheet of Size 10" x 12"	51.30
126	ELEC-1.4.21	1 No	Supply of 3 mm thick hylam sheet of Size 12" x 15"	76.95
127	ELEC-1.4.22	1 No	Supply of Sunglass Delux Board of Size 4" x 4"	10.26
128	ELEC-1.4.23	1 No	Supply of Sunglass Delux Board of Size 4" x 7"	17.96
129	ELEC-1.4.24	1 No	Supply of Sunglass Delux Board of Size 6" x 6"	23.09
130	ELEC-1.4.25	1 No	Supply of Sunglass Delux Board of Size 6" x 8"	30.78
131	ELEC-1.4.26	1 No	Supply of Sunglass Delux Board of Size 8" x 10"	51.30
132	ELEC-1.4.27	1 No	Supply of Sunglass Delux Board of Size 10" x 12"	76.95
133	ELEC-1.4.28	1 No	Supply of Sunglass Delux Board of Size 12" x 15"	115.43
134	ELEC-1.4.29	1 No	Supply of Peeta Board of Size 9" x 14"	37.62
135	ELEC-1.4.30	1 No	Supply of Peeta Board of Size 12" x 10"	35.91
136	ELEC-1.4.31	1 No	Supply of Peeta Board of Size 15" x 20"	128.25
137	ELEC-1.4.32	1 No	Supply of Peeta Board of Size 18" x 24"	184.68
138	ELEC-1.4.33	1 No	Supply of Peeta Board of Size 18" x 30"	230.85
139	ELEC-1.4.34	100 Nos	Supply of No.8 Screws of 12mm.	42.75
140	ELEC-1.4.35	100 Nos	Supply of No.8 Screws of 25mm.	51.30
141	ELEC-1.4.36	100 Nos	Supply of No.8 Screws of 30mm.	64.13
142	ELEC-1.4.37	100 Nos	Supply of No.8 Screws of 35/38mm.	68.40
143	ELEC-1.4.38	100 Nos	Supply of No.8 Screws of 50mm.	76.95
144	ELEC-1.4.39	100 Nos	Supply of No.8 Screws of 63/75mm.	94.05
1.5			PVC INSULATED COPPER FLEXIBLE CABLES (AS PER IS:694)	
			Finolex / L&T.	
145	ELEC-1.5.1	100 Mtrs	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	759.85
146	ELEC-1.5.2	100 Mtrs	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	1123.91
147	ELEC-1.5.3	100 Mtrs	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	1813.62
148	ELEC-1.5.4	100 Mtrs	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	2640.27
149	ELEC-1.5.5	100 Mtrs	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	4016.35
150	ELEC-1.5.6	100 Mtrs	Supply of 140/0.3mm (10.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	6242.46
151	ELEC-1.5.7	100 Mtrs	Supply of 126/0.4mm (16.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	9978.25
152	ELEC-1.5.8	100 Mtrs	Supply of 14/0.3mm (1.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton.	668.00
153	ELEC-1.5.9	100 Mtrs	Supply of 22/0.3mm (1.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	981.13
154	ELEC-1.5.10	100 Mtrs	Supply of 36/0.3mm (2.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	1586.50
155	ELEC-1.5.11	100 Mtrs	Supply of 56/0.3mm (4.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	2338.00

1	2	3	4	5
156	ELEC-1.5.12	100 Mtrs	Supply of 84/0.3mm (6.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	3674.00
157	ELEC-1.5.13	100 Mtrs	Supply of 140/0.3mm (10.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	5678.00
158	ELEC-1.5.14	100 Mtrs	Supply of 126/0.4mm (16.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	9352.00
159	ELEC-1.5.15	100 Mtrs	Supply of 14/0.3mm (1.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	576.15
160	ELEC-1.5.16	100 Mtrs	Supply of 22/0.3mm (1.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	830.83
161	ELEC-1.5.17	100 Mtrs	Supply of 36/0.3mm (2.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	1341.85
162	ELEC-1.5.18	100 Mtrs	Supply of 56/0.3mm (4.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	1953.90
163	ELEC-1.5.19	100 Mtrs	Supply of 84/0.3mm (6.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	3014.35
164	ELEC-1.5.20	100 Mtrs	Supply of 140/0.3mm (10.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec.	4776.20
165	ELEC-1.5.21	100 Mtrs	Supply of 126/0.4mm (16.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec.	7348.00
1.6			SERVICE MAINS AND SUBMERSIBLE CABLES	
166	ELEC-1.6.1	100 Mtrs	Supply of 2.5 Sqmm 3/20 WPSC (Weather Proof Single Core) ISI Alluminium Wire Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	542.75
167	ELEC-1.6.2	100 Mtrs	Supply of 6 Sqmm 7/18 WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	1102.20
168	ELEC-1.6.3	100 Mtrs	Supply of 10 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	1185.70
169	ELEC-1.6.4	100 Mtrs	Supply of 16 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	1983.13
170	ELEC-1.6.5	100 Mtrs	Supply of 6 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	2221.10
171	ELEC-1.6.6	100 Mtrs	Supply of 10 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	2672.00
172	ELEC-1.6.7	100 Mtrs	Supply of 16 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	5010.00
173	ELEC-1.6.8	100 Mtrs	Supply of 23 / 0060 twin core flat wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	751.50
174	ELEC-1.6.9	100 Mtrs	Supply of 3 Core 1.5 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	4133.25

1	2	3	4	5
175	ELEC-1.6.10	100 Mtrs	Supply of 3 Core 2.5 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	6346.00
176	ELEC-1.6.11	100 Mtrs	Supply of 3 Core 4.0 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	9519.00
177	ELEC-1.6.12	100 Mtrs	Supply of 3 Core 6.0 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	14028.00
178	ELEC-1.6.13	100 Mtrs	Supply of 3 Core 10.0 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	22795.50
1.7			FLUSH TYPE SWITCHES	
179	ELEC-1.7.1	1 No	Supply of 6A 1 Way flush type Swich of makes Anchor / Gold Medal Olive / Million Zoom.	15.39
180	ELEC-1.7.2	1 No	Supply of 6A 2 Way flush type Swich of makes Anchor / Gold Medal Olive / Million Zoom.	17.96
181	ELEC-1.7.3	1 No	Supply of 6A 2 pin flush type Socket of makes Anchor / Gold Medal Olive / Million Zoom.	17.10
182	ELEC-1.7.4	1 No	Supply of 6A 3/2 pin flush type Socket of makes Anchor / Gold Medal Olive / Million Zoom.	23.09
183	ELEC-1.7.5	1 No	Supply of 6A flush type Neon Indicator of makes Anchor / Gold Medal Olive / Million Zoom.	17.10
184	ELEC-1.7.6	1 No	Supply of 6A Triangle Plug Top of makes Anchor / Gold Medal Olive / Million Zoom.	29.93
185	ELEC-1.7.7	1 No	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes Anchor / Gold Medal Olive / Million Zoom.	17.96
186	ELEC-1.7.8	1 No	Supply of 16A flush type Swich of makes Anchor / Gold Medal Olive / Million Zoom.	55.58
187	ELEC-1.7.9	1 No	Supply of 16A flush type Socket of makes Anchor / Gold Medal Olive / Million Zoom.	55.58
188	ELEC-1.7.10	1 No	Supply of 16A flush type Switch Socket combined (2 in one) of makes Anchor / Gold Medal Olive / Million Zoom.	87.21
189	ELEC-1.7.11	1 No	Supply of 16A flush type Switch, Socket, Fuse, Indicator combined (5 in one) of makes Anchor / Gold Medal Olive / Million Zoom.	124.83
190	ELEC-1.7.12	1 No	Supply of 16A Triangle Plug Top of makes Anchor / Gold Medal Olive / Million Zoom.	42.75
191	ELEC-1.7.13	1 No	Deleted	
192	ELEC-1.7.14	1 No	Supply of stepped type Electronic Regulator of makes Anchor / Gold Medal Olive / Million Zoom.	188.10
193	ELEC-1.7.15	1 No	Supply of Jumbo Ceiling Rose 3 Plate of makes Anchor / Gold Medal Olive / Million Zoom.	17.96
194	ELEC-1.7.16	1 No	Supply of BH / SBH of makes Anchor / Gold Medal Olive / Million Zoom.	17.10
195	ELEC-1.7.17	1 No	Supply of Pendent Holder / Adopter of makes Anchor / Gold Medal Olive / Million Zoom.	14.54
196	ELEC-1.7.18	1 No	Supply of Telephone Jack with Connector of makes Anchor / Gold Medal Olive / Million Zoom.	41.04
197	ELEC-1.7.19	1 No	Supply of TV Antenna Outlet of makes Anchor / Gold Medal Olive / Million Zoom.	22.23
198	ELEC-1.7.20	1 No	Supply of 15A/10A Flush type Fuse of makes Anchor / Gold Medal / Million / Vimal / Maru.	27.36
199	ELEC-1.7.21	1 No	Supply of 32A DP Flush type of makes Anchor / Gold Medal / Million.	90.63
200	ELEC-1.7.22	1 No	Supply of Calling Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	42.75
201	ELEC-1.7.23	1 No	Supply of Buzzer of makes Anchor / Gold Medal / Million / Vimal / Maru.	38.48
202	ELEC-1.7.24	1 No	Supply of Ding Dong Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	87.21

1	2	3	4	5
203	ELEC-1.7.25	1 No	Supply of Electronic Musical Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	205.20
204	ELEC-1.7.26	1 No	Supply of Remote Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	384.75
205	ELEC-1.7.27	1 No	Supply of MC Holder of makes Anchor / Gold Medal / Million / Vimal / Maru.	
206	ELEC-1.7.28	1 No	Deleted	17.96
207	ELEC-1.7.29	1 No	Supply of Spike Guard with 1 No Switch and 4 Nos Sockets of makes Anchor / Gold Medal / Million / Vimal / Maru.	265.05
208	ELEC-1.7.30	1 No	Supply of Spike Guard with 4 No Switches and 4 Nos Sockets of makes Anchor / Gold Medal / Million / Vimal / Maru.	350.55
209	ELEC-1.7.31	1 No	Supply of 6A 1 Way flush type Swich of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	12.83
210	ELEC-1.7.32	1 No	Supply of 6A 2 Way flush type Swich of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	16.25
211	ELEC-1.7.33	1 No	Supply of 6A 2 pin flush type Socket of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	12.83
212	ELEC-1.7.34	1 No	Supply of 6A 3/2 pin flush type Socket of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	17.10
213	ELEC-1.7.35	1 No	Supply of 6A flush type Neon Indicator of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	15.39
214	ELEC-1.7.36	1 No	Supply of 6A Triangle Plug Top of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	23.94
215	ELEC-1.7.37	1 No	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	15.39
216	ELEC-1.7.38	1 No	Supply of 16A flush type Swich of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	47.03
217	ELEC-1.7.39	1 No	Supply of 16A flush type Socket of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	47.03
218	ELEC-1.7.40	1 No	Supply of 16A flush type Switch Socket combined (2 in one) of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	72.68
219	ELEC-1.7.41	1 No	Supply of 16A flush type Switch, Socket, Fuse, Indicator combined (5 in one) of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	94.05
220	ELEC-1.7.42	1 No	Supply of 16A Triangle Plug Top of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	37.62
221	ELEC-1.7.43	1 No	Supply of stepped type Electronic Regulator of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	153.90
222	ELEC-1.7.44	1 No	Supply of Jumbo Ceiling Rose 3 Plate of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	13.68
223	ELEC-1.7.45	1 No	Supply of 32A DP Flush type of makes Milltec / Vimal / Maru / Star.	72.68
1.8			MINI MODULAR SWITCHES	0.00
224	ELEC-1.8.1	1 No	Supply of 6A 1 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	19.67
225	ELEC-1.8.2	1 No	Supply of 6A 2 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	22.23
226	ELEC-1.8.3	1 No	Supply of 6A 2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	20.52
227	ELEC-1.8.4	1 No	Supply of 6A 3/2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	29.93
228	ELEC-1.8.5	1 No	Supply of 6A Mini Modular Neon Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	23.94
229	ELEC-1.8.6	1 No	Supply of 6A Mini Modular Bed Switch / Bell Push with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	22.23

1	2	3	4	5
230	ELEC-1.8.7	1 No	Supply of 6A 1 Way Mini Modular Switch with Neon Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	23.94
231	ELEC-1.8.8	1 No	Supply of 6A Mini Modular Bell Push with Neon Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	33.35
232	ELEC-1.8.9	1 No	Supply of 16A Mini Modular Switch with Cover Frame of makes Anchor / Million / Vimal / Maru / Milltec.	68.40
233	ELEC-1.8.10	1 No	Deleted	#VALUE!
234	ELEC-1.8.11	1 No	Supply of 16A (2 in one) Mini Modular Switch & Socket combined with Cover Frame of makes Anchor / Million / Vimal / Maru / Gold Medal / Milltec.	94.05
235	ELEC-1.8.12	1 No	Supply of 16A (5 in one) Mini Modular Switch, Socket, Fuse and Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	158.18
236	ELEC-1.8.13	1 No	Supply of 16A Triangle Top with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	41.90
237	ELEC-1.8.14	1 No	Deleted	
238	ELEC-1.8.15	1 No	Supply of Mini Modular Stepped type Electronic Regulator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	205.20
239	ELEC-1.8.16	1 No	Supply of Jumbo Ceiling Rose 3 Plate of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	21.38
240	ELEC-1.8.17	1 No	Supply of BH / SBH of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	29.93
241	ELEC-1.8.18	1 No	Supply of Mini Modular Telephone Jack with Connector with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	46.17
242	ELEC-1.8.19	1 No	Supply of Mini Modular TV Antenna Outlet with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	29.93
243	ELEC-1.8.20	1 No	Supply of 16A/10A Mini Modular Flush Fuse with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	34.20
1.9			MODULAR SWITCHES	
244	ELEC-1.9.1	1 No	Supply of 6A / 10A 1 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	78.66
245	ELEC-1.9.2	1 No	Supply of 6A / 10A 2 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	86.36
246	ELEC-1.9.3	1 No	Supply of 6A / 10A 2 Pin Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	79.52
247	ELEC-1.9.4	1 No	Supply of 6A / 10A 3/2 Pin Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	120.56
248	ELEC-1.9.5	1 No	Supply of 6A / 10A Modular Switch with Neon Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	100.04
249	ELEC-1.9.6	1 No	Supply of 6A / 10A Modular Bell Push with Neon Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	117.14
250	ELEC-1.9.7	1 No	Supply of 16A / 10A Modular Flush Fuse with Neon Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	107.73
251	ELEC-1.9.8	1 No	Supply of 16A / 20A 1 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	107.73
252	ELEC-1.9.9	1 No	Supply of 16A / 20A 2 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	117.99
253	ELEC-1.9.10	1 No	Supply of 20A 1 Way Modular Switch with Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	117.99
254	ELEC-1.9.11	1 No	Supply of 20A Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	160.74

1	2	3	4	5
255	ELEC-1.9.12	1 No	Supply of 16A/6A 1 way Combi Socket Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	167.58
256	ELEC-1.9.13	1 No	Supply of 16A Triangle Top of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	135.09
257	ELEC-1.9.14	1 No	Supply of 400W Electronic Regulator of Modular of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	404.42
258	ELEC-1.9.15	1 No	Supply of 600W Electronic Regulator of Modular of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	466.83
259	ELEC-1.9.16	1 No	Supply of Modular Telephone jack with Connector of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	85.50
260	ELEC-1.9.17	1 No	Supply of Modular TV Antenna outlet of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	83.79
261	ELEC-1.9.18	1 No	Supply of 6A / 10A 1 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	53.87
262	ELEC-1.9.19	1 No	Supply of 6A / 10A 2 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	64.13
263	ELEC-1.9.20	1 No	Supply of 6A / 10A 2 Pin Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	54.72
264	ELEC-1.9.21	1 No	Supply of 6A / 10A 3/2 Pin Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	79.52
265	ELEC-1.9.22	1 No	Supply of 6A / 10A Modular Switch with Neon Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	64.13
266	ELEC-1.9.23	1 No	Supply of 6A / 10A Modular Bell Push with Neon Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	76.95
267	ELEC-1.9.24	1 No	Supply of 16A / 10A Modular Flush Fuse with Neon Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	70.97
268	ELEC-1.9.25	1 No	Supply of 16A / 20A 1 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	70.97
269	ELEC-1.9.26	1 No	Supply of 16A / 20A 2 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	81.23
270	ELEC-1.9.27	1 No	Supply of 20A 1 Way Modular Switch with Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	77.81
271	ELEC-1.9.28	1 No	Supply of 20A Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	113.72
272	ELEC-1.9.29	1 No	Supply of 16A/6A 1 way Combi Socket Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	115.43
273	ELEC-1.9.30	1 No	Supply of 16A Triangle Top of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	55.58
274	ELEC-1.9.31	1 No	Deleted	
275	ELEC-1.9.32	1 No	Supply of Electronic Regulator of Modular of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	320.63
276	ELEC-1.9.33	1 No	Supply of Modular Telephone jack with Connector of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	55.58

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277	ELEC-1.9.34	1 No	Supply of Modular TV Antenna outlet of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	54.72
278	ELEC-1.9.35	1 No	Supply of 1 or 2 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	55.58
279	ELEC-1.9.36	1 No	Supply of 3 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	65.84
280	ELEC-1.9.37	1 No	Supply of 4 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	76.10
281	ELEC-1.9.38	1 No	Supply of 6 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	111.15
282	ELEC-1.9.39	1 No	Supply of 8 Modular Horizontal / Vertical Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	147.06
283	ELEC-1.9.40	1 No	Supply of 12 Modular Vertical Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	179.55
284	ELEC-1.9.41	1 No	Supply of 1 or 2 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	47.88
285	ELEC-1.9.42	1 No	Supply of 3 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	59.00
286	ELEC-1.9.43	1 No	Supply of 4 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	69.26
287	ELEC-1.9.44	1 No	Supply of 6 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	92.34
288	ELEC-1.9.45	1 No	Supply of 8 Modular Horizontal / Vertical Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	117.14
289	ELEC-1.9.46	1 No	Supply of 12 Modular Vertical Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	142.79
II nd			SECTION	
2.1			PANEL MOUNTING SWITCH DISCONNECTOR FUSE UNITS (SDFU / FSDU) AS PER IS	
290	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	1155.11
291	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	1991.30
292	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	4769.19
293	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	6224.40
294	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	7472.70
295	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	11504.03
296	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	19458.95
297	ELEC-2.1.8	1 No	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	965.30
298	ELEC-2.1.9	1 No	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1446.66
299	ELEC-2.1.10	1 No	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	3272.09
300	ELEC-2.1.11	1 No	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	4944.47
301	ELEC-2.1.12	1 No	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	5575.46
302	ELEC-2.1.13	1 No	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	8515.80

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303	ELEC-2.1.14	1 No	Supply of 630A TPN Switch Disconnector Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	14139.99
2.2			ON LOAD CHANGEOVER SWITCHES(OPEN EXECUTION) AS PER	0.00
304	ELEC-2.2.1	1 No	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	3366.99
305	ELEC-2.2.2	1 No	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	6374.03
306	ELEC-2.2.3	1 No	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	8528.63
307	ELEC-2.2.4	1 No	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	12119.63
308	ELEC-2.2.5	1 No	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	18493.65
309	ELEC-2.2.6	1 No	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	21994.88
310	ELEC-2.2.7	1 No	Supply of 800A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	31870.13
311	ELEC-2.2.8	1 No	Supply of 1000A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	52518.38
312	ELEC-2.2.9	1 No	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	3052.35
313	ELEC-2.2.10	1 No	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	5930.28
314	ELEC-2.2.11	1 No	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	7848.90
315	ELEC-2.2.12	1 No	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	11162.88
316	ELEC-2.2.13	1 No	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	17354.79
317	ELEC-2.2.14	1 No	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	20843.19
318	ELEC-2.2.15	1 No	Supply of 800A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	30436.29
319	ELEC-2.2.16	1 No	Supply of 1000A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	50494.59
2.3			CHANGE OVER SWITCHES IN SS ENCLOSURE AS PER IS:13947	0.00
320	ELEC-2.3.1	1 No	Supply of 32A 240V DP Changeover Switch in sheet steel enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1073.03
321	ELEC-2.3.2	1 No	Supply of 63A 415V FP Changeover Switch in sheet steel enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	3740.63
322	ELEC-2.3.3	1 No	Supply of 100A 415V FP Changeover Switch in sheet steel enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	5704.56
323	ELEC-2.3.4	1 No	Supply of 32A 240V DP Changeover Switch in sheet steel enclosure of makes Standard / Crystal / Million / Sputnik / Sunlight / / Bentec / Gold Medal / Star.	618.17
324	ELEC-2.3.5	1 No	Supply of 63A 415V FP Changeover Switch in sheet steel enclosure of makes Standard / Crystal / Million / Sputnik / Sunlight / / Bentec / Gold Medal / Star.	2173.41
325	ELEC-2.3.6	1 No	Supply of 100A 415V FP Changeover Switch in sheet steel enclosure of makes Standard / Crystal / Million / Sputnik / Sunlight / / Bentec / Gold Medal.	4086.90
2.4			REWIRABLE / DOUBLE BREAK SWITCHES IN SS ENCLOSURE AS	0.00
326	ELEC-2.4.1	1 No	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	800.28
327	ELEC-2.4.2	1 No	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1236.33

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328	ELEC-2.4.3	1 No	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	2823.21
329	ELEC-2.4.4	1 No	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	5256.54
330	ELEC-2.4.5	1 No	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuses of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	5292.45
331	ELEC-2.4.6	1 No	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuses of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	7716.38
332	ELEC-2.4.7	1 No	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	530.10
333	ELEC-2.4.8	1 No	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	883.22
334	ELEC-2.4.9	1 No	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	2009.25
335	ELEC-2.4.10	1 No	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	3915.05
336	ELEC-2.4.11	1 No	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuse of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec.	4044.15
337	ELEC-2.4.12	1 No	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuse of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec.	6623.69
2.5			HRC FUSE LINKS (BOLTED TYPE)	0.00
338	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.	38.48
339	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.	59.85
340	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.	192.38
341	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.	282.15
342	ELEC-2.5.5	1 No	Supply of 400A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	547.20
343	ELEC-2.5.6	1 No	Supply of 630A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	1107.23
2.6			PORCELAIN REWIRABLE FUSE UNITS.	0.00
344	ELEC-2.6.1	1 No	Supply of 32A 240V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight / Star.	76.95
345	ELEC-2.6.2	1 No	Supply of 32A 415V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight / Star.	94.91
346	ELEC-2.6.3	1 No	Supply of 63A 415V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight / Star.	200.93
347	ELEC-2.6.4	1 No	Supply of 100A 415V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight.	376.20
348	ELEC-2.6.5	1 No	Supply of 200A 415V Porcelain Rewirable Fuse Units with extension strip of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight.	692.55
349	ELEC-2.6.6	1 No	Supply of 300A 415V Porcelain Rewirable Fuse Units with extension strip of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight.	918.27

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2.7			VOLTAGE SURGE PROTECTORS	0.00
			Legrand / L & T Hager / G E.	0.00
350	ELEC-2.7.1	1 No	Supply of 2 Pole 2 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	6880.19
351	ELEC-2.7.2	1 No	Supply of 4 Pole 4 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	12936.15
352	ELEC-2.7.3	1 No	Supply of 2 Pole 2 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	5497.65
353	ELEC-2.7.4	1 No	Supply of 4 Pole 4 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	10350.63
2.8			PANEL MOUNTING MCCBs/ ACBs	0.00
354	ELEC-2.8.1	1 No	Supply of 63A / 60A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	4753.80
355	ELEC-2.8.2	1 No	Supply of 125A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	5643.00
356	ELEC-2.8.3	1 No	Supply of 250A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 36/35 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	12569.36
357	ELEC-2.8.4	1 No	Supply of 400A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 36/35 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	17014.50
358	ELEC-2.8.5	1 No	Supply of 63A / 60A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	5343.75
359	ELEC-2.8.6	1 No	Supply of 125A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	6822.90
360	ELEC-2.8.7	1 No	Supply of 250A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 35 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	16329.65
361	ELEC-2.8.8	1 No	Supply of 400A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 50 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	17955.00
362	ELEC-2.8.9	1 No	Supply of 63A / 60A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	3317.40
363	ELEC-2.8.10	1 No	Supply of 125A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	3770.55
364	ELEC-2.8.11	1 No	Supply of 250A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 36/35 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	11627.15
365	ELEC-2.8.12	1 No	Supply of 400A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 50 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	12996.86
366	ELEC-2.8.13	1 No	Supply of 63A / 60A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	4446.00
367	ELEC-2.8.14	1 No	Supply of 125A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	4959.00
368	ELEC-2.8.15	1 No	Supply of 250A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 50 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	15346.40
369	ELEC-2.8.16	1 No	Supply of 400A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 50 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	20557.62

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370	ELEC-2.8.17	1 No	Supply of 630A 3 Pole Air Circuit Breaker electrical 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 Siemens make.	81926.10
371	ELEC-2.8.18	1 No	Supply of 630A 4 Pole Air Circuit Breaker electrical 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 Siemens make.	101847.60
372	ELEC-2.8.19	1 No	Supply of 630A 3 Pole 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 Siemens / C&S make.	109653.75
373	ELEC-2.8.20	1 No	Supply of 630A 4 Pole 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 Siemens / C&S make.	135816.75
374	ELEC-2.8.21	1 No	Supply of 800A 3 Pole 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 / GE.	115523.33
375	ELEC-2.8.22	1 No	Supply of 800A 4 Pole 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 / GE.	143345.03
376	ELEC-2.8.23	1 No	Supply of 1000A 3 Pole 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 GE / L&T / Siemens.	121410.00
377	ELEC-2.8.24	1 No	Supply of 1000A 4 Pole 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 GE / L&T / Siemens.	152874.00
2.9			MCBs (AS PER IS:8828)	0.00
378	ELEC-2.9.1	1 No	Supply of 6-32A 10KA SP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	157.32
379	ELEC-2.9.2	1 No	Supply of 40-63A 10KA SP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	331.74
380	ELEC-2.9.3	1 No	Supply of 6-32A 10KA SPN / DP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	465.98
381	ELEC-2.9.4	1 No	Supply of 40-63A 10KA SPN / DP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	754.11
382	ELEC-2.9.5	1 No	Supply of 6-32A TP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	748.98
383	ELEC-2.9.6	1 No	Supply of 40 - 63A TP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1158.53
384	ELEC-2.9.7	1 No	Supply of 6-32A TPN / FP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1004.63
385	ELEC-2.9.8	1 No	Supply of 40 - 63A TPN / FP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1489.41
386	ELEC-2.9.9	1 No	Supply of 6-32A 10KA SP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	126.54
387	ELEC-2.9.10	1 No	Supply of 40-63A 10KA SP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	278.73
388	ELEC-2.9.11	1 No	Supply of 6-32A 10KA SPN / DP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	401.00
389	ELEC-2.9.12	1 No	Supply of 40-63A 10KA SPN / DP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	549.77
390	ELEC-2.9.13	1 No	Supply of 6-32A TP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	641.25
391	ELEC-2.9.14	1 No	Supply of 40 - 63A TP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	889.20

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392	ELEC-2.9.15	1 No	Supply of 6-32A TPN / FP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	832.77
393	ELEC-2.9.16	1 No	Supply of 40 - 63A TPN / FP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1116.63
394	ELEC-2.9.17	1 No	Supply of 6-32A 10KA SP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	94.91
395	ELEC-2.9.18	1 No	Supply of 40-63A 10KA SP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	172.71
396	ELEC-2.9.19	1 No	Supply of 6-32A 10KA SPN MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	262.49
397	ELEC-2.9.20	1 No	Supply of 40-63A 10KA SPN / DP MCB ISI Mark C-Curve of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	392.45
398	ELEC-2.9.21	1 No	Supply of 6-32A TP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	479.66
399	ELEC-2.9.22	1 No	Supply of 40 - 63A TP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	741.29
400	ELEC-2.9.23	1 No	Supply of 6-32A TPN MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	617.31
401	ELEC-2.9.24	1 No	Supply of 40 - 63A TPN MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	872.10
2.10			ISOLATORS	0.00
402	ELEC-2.10.1	1 No	Supply of 32A DP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	265.05
403	ELEC-2.10.2	1 No	Supply of 40A DP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	287.28
404	ELEC-2.10.3	1 No	Supply of 63A DP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	382.19
405	ELEC-2.10.4	1 No	Supply of 40A TP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	489.06
406	ELEC-2.10.5	1 No	Supply of 63A TP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	568.58
407	ELEC-2.10.6	1 No	Supply of 40A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	637.83
408	ELEC-2.10.7	1 No	Supply of 63A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	697.68
409	ELEC-2.10.8	1 No	Supply of 80A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	737.87
410	ELEC-2.10.9	1 No	Supply of 100A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	749.84
411	ELEC-2.10.10	1 No	Supply of 32A DP Isolator of make Standard / Havells / HPL / Toyoma.	248.81
412	ELEC-2.10.11	1 No	Supply of 40A DP Isolator of make Standard / Havells / HPL / Toyoma.	261.63
413	ELEC-2.10.12	1 No	Supply of 63A DP Isolator of make Standard / Havells / HPL / Toyoma.	322.34
414	ELEC-2.10.13	1 No	Supply of 40A TP Isolator of make Standard / Havells / HPL / Toyoma.	458.28
415	ELEC-2.10.14	1 No	Supply of 63A TP Isolator of make Standard / Havells / HPL / Toyoma.	462.56
416	ELEC-2.10.15	1 No	Supply of 40A FP Isolator of make Standard / Havells / HPL / Toyoma.	531.81
417	ELEC-2.10.16	1 No	Supply of 63A FP Isolator of make Standard / Havells / HPL / Toyoma.	575.42
418	ELEC-2.10.17	1 No	Supply of 80A FP Isolator of make Standard / Havells / HPL / Toyoma.	676.31
419	ELEC-2.10.18	1 No	Supply of 100A FP Isolator of make Standard / Havells / HPL / Toyoma.	719.91
420	ELEC-2.10.19	1 No	Supply of 32A DP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	168.44
421	ELEC-2.10.20	1 No	Supply of 40A DP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	201.78

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422	ELEC-2.10.21	1 No	Supply of 63A DP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	270.18
423	ELEC-2.10.22	1 No	Supply of 40A TP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	300.11
424	ELEC-2.10.23	1 No	Supply of 63A TP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	335.16
425	ELEC-2.10.24	1 No	Supply of 40A FP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	448.02
426	ELEC-2.10.25	1 No	Supply of 63A FP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	541.22
427	ELEC-2.10.26	1 No	Supply of 80A FP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	610.47
428	ELEC-2.10.27	1 No	Supply of 100A FP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	676.31
2.11			RCCBs CONFIRMS TO IEC:61008 AND IS:12640	0.00
429	ELEC-2.11.1	1 No	Supply of 40A 2 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	2444.45
430	ELEC-2.11.2	1 No	Supply of 63A 2 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	2849.72
431	ELEC-2.11.3	1 No	Supply of 40A 2 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	2608.61
432	ELEC-2.11.4	1 No	Supply of 63A 2 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	3040.38
433	ELEC-2.11.5	1 No	Supply of 40A 4 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	2730.87
434	ELEC-2.11.6	1 No	Supply of 63A 4 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	3247.29
435	ELEC-2.11.7	1 No	Supply of 40A 4 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	2900.16
436	ELEC-2.11.8	1 No	Supply of 63A 4 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	3336.21
437	ELEC-2.11.9	1 No	Supply of 40A 2 Pole RCCB 30ma of makes Standard / Havells / HPL.	1687.77
438	ELEC-2.11.10	1 No	Supply of 63A 2 Pole RCCB 30ma of makes Standard / Havells / HPL.	2276.01
439	ELEC-2.11.11	1 No	Supply of 40A 2 Pole RCCB 100ma of makes Standard / Havells / HPL.	1661.27
440	ELEC-2.11.12	1 No	Supply of 63A 2 Pole RCCB 100ma of makes Standard / Havells / HPL.	2180.25
441	ELEC-2.11.13	1 No	Supply of 40A 4 Pole RCCB 30ma of makes Standard / Havells / HPL.	2075.94
442	ELEC-2.11.14	1 No	Supply of 63A 4 Pole RCCB 30ma of makes Standard / Havells / HPL.	2367.50
443	ELEC-2.11.15	1 No	Supply of 40A 4 Pole RCCB 100ma of makes Standard / Havells / HPL.	2005.83
444	ELEC-2.11.16	1 No	Supply of 63A 4 Pole RCCB 100ma of makes Standard / Havells / HPL.	2311.07
445	ELEC-2.11.17	1 No	Supply of 40A 2 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1175.63
446	ELEC-2.11.18	1 No	Supply of 63A 2 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1445.81
447	ELEC-2.11.19	1 No	Supply of 40A 2 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1171.35
448	ELEC-2.11.20	1 No	Supply of 63A 2 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1344.92
449	ELEC-2.11.21	1 No	Supply of 40A 4 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1370.57
450	ELEC-2.11.22	1 No	Supply of 63A 4 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1661.27
451	ELEC-2.11.23	1 No	Supply of 40A 4 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1326.11

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452	ELEC-2.11.24	1 No	Supply of 63A 4 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1571.49
453	ELEC-2.11.25	1 No	Supply of MCB type Change Over Switch 20A Double Pole 2 way 400V AC suitable to fix on Din Channel of makes L & T / GE / C & S / HPL / Havells make.	1474.02
2.12			MCB DISTRIBUTION BOARDS(AS PER IS:13032)	0.00
454	ELEC-2.12.1	1 No	Supply of 4 Way SPN DB with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	566.87
455	ELEC-2.12.2	1 No	Supply of 8 Way SPN DB with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	636.98
456	ELEC-2.12.3	1 No	Supply of 12 Way SPN DB with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	790.02
457	ELEC-2.12.4	1 No	Supply of 4 Way SPN DB with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	777.20
458	ELEC-2.12.5	1 No	Supply of 8 Way SPN DB with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	970.43
459	ELEC-2.12.6	1 No	Supply of 12 Way SPN DB with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1169.64
460	ELEC-2.12.7	1 No	Supply of 4 Way SPN DB with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	365.94
461	ELEC-2.12.8	1 No	Supply of 8 Way SPN DB with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	479.66
462	ELEC-2.12.9	1 No	Supply of 12 Way SPN DB with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	549.77
463	ELEC-2.12.10	1 No	Supply of 4 Way SPN DB with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	632.70
464	ELEC-2.12.11	1 No	Supply of 8 Way SPN DB with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	894.33
465	ELEC-2.12.12	1 No	Supply of 12 Way SPN DB with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1068.75
466	ELEC-2.12.13	1 No	Supply of 4 Way SPN DB with IP 20 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	259.07
467	ELEC-2.12.14	1 No	Supply of 8 Way SPN DB with IP 20 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	353.12
468	ELEC-2.12.15	1 No	Supply of 12 Way SPN DB with IP 20 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	432.63
469	ELEC-2.12.16	1 No	Supply of 4 Way SPN DB with IP 43 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	436.05
470	ELEC-2.12.17	1 No	Supply of 8 Way SPN DB with IP 43 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	598.50
471	ELEC-2.12.18	1 No	Supply of 12 Way SPN DB with IP 43 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	757.53
472	ELEC-2.12.19	1 No	Supply of 4 Way TPN DB Horizontal with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1107.23
473	ELEC-2.12.20	1 No	Supply of 8 Way TPN DB Horizontal with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1569.78
474	ELEC-2.12.21	1 No	Supply of 12 Way TPN DB Horizontal with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	3197.70
475	ELEC-2.12.22	1 No	Supply of 4 Way TPN DB Horizontal with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1971.63
476	ELEC-2.12.23	1 No	Supply of 8 Way TPN DB Horizontal with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	2914.70
477	ELEC-2.12.24	1 No	Supply of 12 Way TPN DB Horizontal with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	4297.23
478	ELEC-2.12.25	1 No	Supply of 4 Way TPN DB Vertical with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	4056.98
479	ELEC-2.12.26	1 No	Supply of 8 Way TPN DB Vertical with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	5004.32
480	ELEC-2.12.27	1 No	Supply of 12 Way TPN DB Vertical with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	7284.60
481	ELEC-2.12.28	1 No	Supply of 4 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	4706.78

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482	ELEC-2.12.29	1 No	Supply of 6 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	5216.36
483	ELEC-2.12.30	1 No	Supply of 8 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	5959.35
484	ELEC-2.12.31	1 No	Supply of 12 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	7978.01
485	ELEC-2.12.32	1 No	Supply of 7 Segment 4 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	4646.93
486	ELEC-2.12.33	1 No	Supply of 7 Segment 8 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	5847.35
487	ELEC-2.12.34	1 No	Supply of 4 Way TPN DB suitable for accomodating 125A 4 Pole MCCB as incomer with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	6209.01
488	ELEC-2.12.35	1 No	Supply of 8 Way TPN DB suitable for accomodating 125A 4 Pole MCCB as incomer with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	7776.23
489	ELEC-2.12.36	1 No	Supply of 20A SP Plug and Socket in SS enclosure of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	713.07
490	ELEC-2.12.37	1 No	Supply of 20A TP Plug and Socket in SS enclosure of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1515.92
491	ELEC-2.12.38	1 No	Supply of 32A TP Plug and Socket in SS enclosure of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1810.04
492	ELEC-2.12.39	1 No	Supply of 4 Way TPN DB Horizontal with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1107.23
493	ELEC-2.12.40	1 No	Supply of 8 Way TPN DB Horizontal with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1569.78
494	ELEC-2.12.41	1 No	Supply of 12 Way TPN DB Horizontal with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	2093.04
495	ELEC-2.12.42	1 No	Supply of 4 Way TPN DB Horizontal with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1656.99
496	ELEC-2.12.43	1 No	Supply of 8 Way TPN DB Horizontal with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	2599.20
497	ELEC-2.12.44	1 No	Supply of 12 Way TPN DB Horizontal with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	3654.27
498	ELEC-2.12.45	1 No	Supply of 4 Way TPN DB Vertical with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	2912.99
499	ELEC-2.12.46	1 No	Supply of 8 Way TPN DB Vertical with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	4020.21
500	ELEC-2.12.47	1 No	Supply of 12 Way TPN DB Vertical with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	5189.00
501	ELEC-2.12.48	1 No	Supply of 4 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	4290.39
502	ELEC-2.12.49	1 No	Supply of 8 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	5467.73
503	ELEC-2.12.50	1 No	Supply of 12 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	7011.86
504	ELEC-2.12.51	1 No	Supply of 7 Segment 4 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	3732.93
505	ELEC-2.12.52	1 No	Supply of 7 Segment 8 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	4692.24
506	ELEC-2.12.53	1 No	Supply of 20A SP Plug and Socket in SS enclosure of makes Standard / Havells / HPL / Toyoma.	514.71
507	ELEC-2.12.54	1 No	Supply of 20A TP Plug and Socket in SS enclosure of makes Standard / Havells / HPL / Toyoma.	976.41
508	ELEC-2.12.55	1 No	Supply of 32A TP Plug and Socket in SS enclosure of makes Standard / Havells / HPL / Toyoma.	1430.42
509	ELEC-2.12.56	1 No	Supply of 4 Way TPN DB Horizontal with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	971.28
510	ELEC-2.12.57	1 No	Supply of 8 Way TPN DB Horizontal with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1354.32

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511	ELEC-2.12.58	1 No	Supply of 12 Way TPN DB Horizontal with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1677.51
512	ELEC-2.12.59	1 No	Supply of 4 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1247.45
513	ELEC-2.12.60	1 No	Supply of 6 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1463.76
514	ELEC-2.12.61	1 No	Supply of 8 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1660.41
515	ELEC-2.12.62	1 No	Supply of 12 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	2077.65
516	ELEC-2.12.63	1 No	Supply of 4 Way TPN DB Vertical with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	2049.44
517	ELEC-2.12.64	1 No	Supply of 6 Way TPN DB Vertical with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	2671.02
518	ELEC-2.12.65	1 No	Supply of 8 Way TPN DB Vertical with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	3568.77
519	ELEC-2.12.66	1 No	Supply of 4 Way TPN DB Vertical with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	2049.44
520	ELEC-2.12.67	1 No	Supply of 8 Way TPN DB Vertical with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	3568.77
521	ELEC-2.12.68	1 No	Supply of 12 Way TPN DB Vertical with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	4817.07
522	ELEC-2.12.69	1 No	Supply of 20A SP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	450.59
523	ELEC-2.12.70	1 No	Supply of 20A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	704.52
524	ELEC-2.12.71	1 No	Supply of 32A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	958.46
			SECTION - 3	
			STREET LIGHT LUMINAIRES	
525	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 of makes Wipro / G.E./ Phillips.	1188.45
526	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 of makes Crompton / Bajaj / HPL / Surya / Havells.	1111.50
527	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 of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Elliot / Capart / Akhil.	1094.40
528	ELEC-3.1.4	1 No	Supply of 80W MV Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	2591.51
529	ELEC-3.1.5	1 No	Supply of 80W MV Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / Surya / Havells.	1809.18
530	ELEC-3.1.6	1 No	Supply of 80W MV Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1624.50
531	ELEC-3.1.7	1 No	Supply of 125W MV Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	2708.64
532	ELEC-3.1.8	1 No	Supply of 125W MV Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / Surya / Havells.	1904.94
533	ELEC-3.1.9	1 No	Supply of 125W MV Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1667.25

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534	ELEC-3.1.10	1 No	Supply of 70W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	3193.43
535	ELEC-3.1.11	1 No	Supply of 70W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	3145.55
536	ELEC-3.1.12	1 No	Supply of 70W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	2736.00
537	ELEC-3.1.13	1 No	Supply of 150W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	4688.82
538	ELEC-3.1.14	1 No	Supply of 150W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	4371.62
539	ELEC-3.1.15	1 No	Supply of 150W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	4232.25
540	ELEC-3.1.16	1 No	Supply of 250W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	5386.50
541	ELEC-3.1.17	1 No	Supply of 250W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	5203.53
542	ELEC-3.1.18	1 No	Supply of 250W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	4617.00
543	ELEC-3.1.19	1 No	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Wipro / G.E./ Phillips.	4732.43
544	ELEC-3.1.20	1 No	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	4240.80
545	ELEC-3.1.21	1 No	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	3591.00
546	ELEC-3.1.22	1 No	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Wipro / G.E./ Phillips.	6156.00
547	ELEC-3.1.23	1 No	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	5985.00
548	ELEC-3.1.24	1 No	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	5814.00
549	ELEC-3.1.25	1 No	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Wipro / G.E./ Phillips.	6540.75
550	ELEC-3.1.26	1 No	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	6156.00
551	ELEC-3.1.27	1 No	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	5301.00

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552	ELEC-3.1.28	1	No	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	6637.37
553	ELEC-3.1.29	1	No	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / HPL / Surya / Havells.	6327.00
554	ELEC-3.1.30	1	No	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	5814.00
555	ELEC-3.1.31	1	No	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	12817.31
556	ELEC-3.1.32	1	No	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / Surya / HPL / Transrail.	12225.65
557	ELEC-3.1.33	1	No	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	7406.87
558	ELEC-3.1.34	1	No	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / Surya / HPL / Transrail.	6819.48
559	ELEC-3.1.35	1	No	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	6137.19
560	ELEC-3.1.36	1	No	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	14447.79
561	ELEC-3.1.37	1	No	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / Surya / HPL / Transrail.	13394.43
562	ELEC-3.1.38	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.	625.01
563	ELEC-3.1.39	1	No	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Transrail.	591.66
564	ELEC-3.1.40	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 / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	513.00
565	ELEC-3.1.41	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.	1467.18
566	ELEC-3.1.42	1	No	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Transrail.	1260.27
567	ELEC-3.1.43	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 / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1026.00

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568	ELEC-3.1.44	1 No	Supply of 80W MV Well glass and low bay luminaire of IP 65 integral type of makes Wipro / G.E./ Phillips.	2242.67
569	ELEC-3.1.45	1 No	Supply of 80W MV Well glass and low bay luminaire of IP 65 integral type of makes Crompton / Bajaj / HPL / Surya / Havells.	1904.09
570	ELEC-3.1.46	1 No	Supply of 70W SV Well glass and low bay luminaire of IP 65 integral type of makes Wipro / G.E./ Phillips.	2285.42
571	ELEC-3.1.47	1 No	Supply of 70W SV Well glass and low bay luminaire of IP 65 integral type of makes Crompton / Bajaj / HPL / Surya / Havells.	2211.89
			POST TOP LANTERN LUMINAIRES	0.00
572	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 aluminium pole mounting capsule complete with all accessories and ballast of makes Crompton / Bajaj / Surya / K Lite / HPL.	1496.25
573	ELEC-3.2.2	1 No	Supply of 125W MV integral type standard Diamond / Spherical Post Top Lantern Luminaire of BJPTI 125 MV or its equivalent with all accessories. makes Crompton / Bajaj / Surya.	3120.75
574	ELEC-3.2.3	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 Bajaj / Crompton / Surya / HPL.	3112.20
			ACCESSORIES FOR MV / SV / MH LUMINAIRES	0.00
575	ELEC-3.3.1	1 No	Supply of 80W MV copper ballast of makes Wipro / G.E./ Phillips / Crompton / Bajaj / Surya / Havells.	641.25
576	ELEC-3.3.2	1 No	Supply of 80W MV copper ballast of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	615.60
577	ELEC-3.3.3	1 No	Supply of 125W MV copper ballast.of makes Wipro / G.E./ Phillips / Crompton / Bajaj / Surya / Havells.	701.10
578	ELEC-3.3.4	1 No	Supply of 125W MV copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	624.15
579	ELEC-3.3.5	1 No	Supply of 70 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	684.00
580	ELEC-3.3.6	1 No	Supply of 70 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	615.60
581	ELEC-3.3.7	1 No	Supply of 70 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	555.75
582	ELEC-3.3.8	1 No	Supply of 150 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	1068.75
583	ELEC-3.3.9	1 No	Supply of 150 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	961.88
584	ELEC-3.3.10	1 No	Supply of 150 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	863.55
585	ELEC-3.3.11	1 No	Supply of 250 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	1539.00
586	ELEC-3.3.12	1 No	Supply of 250 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	1368.00
587	ELEC-3.3.13	1 No	Supply of 250 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1171.35
588	ELEC-3.3.14	1 No	Supply of 400 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	2223.00
589	ELEC-3.3.15	1 No	Supply of 400 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	2000.70
590	ELEC-3.3.16	1 No	Supply of 400 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1624.50
591	ELEC-3.3.17	1 No	Supply of Ignitor for SV / MH Lamp of makes Wipro / G.E./ Phillips / Crompton / Bajaj / Surya / HPL / Havells.	162.45
592	ELEC-3.3.18	1 No	Supply of 4 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	102.60
593	ELEC-3.3.19	1 No	Supply of 4 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	90.63
594	ELEC-3.3.20	1 No	Supply of 4 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	72.68

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595	ELEC-3.3.21	1 No	Supply of 10 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	171.00
596	ELEC-3.3.22	1 No	Supply of 10 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	153.90
597	ELEC-3.3.23	1 No	Supply of 10 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	128.25
598	ELEC-3.3.24	1 No	Supply of 15 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	205.20
599	ELEC-3.3.25	1 No	Supply of 15 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	153.90
600	ELEC-3.3.26	1 No	Supply of 15 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	128.25
601	ELEC-3.3.27	1 No	Supply of 20 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	273.60
602	ELEC-3.3.28	1 No	Supply of 20 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	213.75
603	ELEC-3.3.29	1 No	Supply of 20 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	196.65
604	ELEC-3.3.30	1 No	Supply of 33 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	444.60
605	ELEC-3.3.31	1 No	Supply of 33 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	410.40
606	ELEC-3.3.32	1 No	Supply of 33 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	342.00
607	ELEC-3.3.33	1 No	Supply of 42 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	495.90
608	ELEC-3.3.34	1 No	Supply of 42 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	427.50
609	ELEC-3.3.35	1 No	Supply of 42 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	384.75
			ENERGY SAVING ELECTRONIC BALLAST FOR STREET LIGHT	0.00
610	ELEC-3.3.36	1 No	Supply of 70W SV / MH Electronic ballast of makes Trinic or its equivalent.	1641.60
611	ELEC-3.3.37	1 No	Supply of 150W SV / MH Electronic ballast of makes Trinic or its equivalent.	2243.52
612	ELEC-3.3.38	1 No	Supply of 250W SV / MH Electronic ballast of makes Trinic or its equivalent.	2800.13
613	ELEC-3.3.39	1 No	Supply of 400W SV / MH Electronic ballast of makes Trinic or its equivalent.	3608.10
			LAMPS	
614	ELEC-3.4.1	1 No	Supply of 500W Hallozen Lamp of makes Wipro / G.E./ Phillips / Osram.	92.34
615	ELEC-3.4.2	1 No	Supply of 500W Hallozen Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	68.40
616	ELEC-3.4.3	1 No	Supply of 500W Hallozen Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	51.30
617	ELEC-3.4.4	1 No	Supply of 1000W Hallozen Lamp of makes Wipro / G.E./ Phillips / Osram.	111.15
618	ELEC-3.4.5	1 No	Supply of 1000W Hallozen Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	85.50
619	ELEC-3.4.6	1 No	Supply of 1000W Hallozen Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	68.40
620	ELEC-3.4.7	1 No	Supply of 70W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	423.23
621	ELEC-3.4.8	1 No	Supply of 70W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	384.75
622	ELEC-3.4.9	1 No	Supply of 70W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	342.00
623	ELEC-3.4.10	1 No	Supply of 150W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	607.05

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624	ELEC-3.4.11	1 No	Supply of 150W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	555.75
625	ELEC-3.4.12	1 No	Supply of 150W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	513.00
626	ELEC-3.4.13	1 No	Supply of 250W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	658.35
627	ELEC-3.4.14	1 No	Supply of 250W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	615.60
628	ELEC-3.4.15	1 No	Supply of 250W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	581.40
629	ELEC-3.4.16	1 No	Supply of 400W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	718.20
630	ELEC-3.4.17	1 No	Supply of 400W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	684.00
631	ELEC-3.4.18	1 No	Supply of 400W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	666.90
632	ELEC-3.4.19	1 No	Supply of 70W double end MH Lamp of makes Wipro / G.E./ Phillips / Osram.	517.28
633	ELEC-3.4.20	1 No	Supply of 70W double end MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	495.90
634	ELEC-3.4.21	1 No	Supply of 70W double end MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	453.15
635	ELEC-3.4.22	1 No	Supply of 150W double end MH Lamp of makes Wipro / G.E./ Phillips / Osram.	769.50
636	ELEC-3.4.23	1 No	Supply of 150W double end MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	726.75
637	ELEC-3.4.24	1 No	Supply of 150W double end MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	684.00
638	ELEC-3.4.25	1 No	Deleted	
639	ELEC-3.4.26	1 No	Supply of 70W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	760.95
640	ELEC-3.4.27	1 No	Supply of 70W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	726.75
641	ELEC-3.4.28	1 No	Supply of 150W MH Lamp of makes Wipro / G.E./ Phillips / Osram.	846.45
642	ELEC-3.4.29	1 No	Supply of 150W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	812.25
643	ELEC-3.4.30	1 No	Supply of 150W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	769.50
644	ELEC-3.4.31	1 No	Supply of 250W MH Lamp of makes Wipro / G.E./ Phillips / Osram.	1154.25
645	ELEC-3.4.32	1 No	Supply of 250W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1026.00
646	ELEC-3.4.33	1 No	Supply of 250W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	940.50
647	ELEC-3.4.34	1 No	Supply of 400W MH Lamp of makes Wipro / G.E./ Phillips / Osram.	1316.70
648	ELEC-3.4.35	1 No	Supply of 400W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1239.75
649	ELEC-3.4.36	1 No	Supply of 400W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1197.00
650	ELEC-3.4.37	1 No	Supply of 80W MV Lamp of makes Wipro / G.E./ Phillips / Osram.	153.90
651	ELEC-3.4.38	1 No	Supply of 80W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	136.80
652	ELEC-3.4.39	1 No	Supply of 80W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	119.70
653	ELEC-3.4.40	1 No	Supply of 125W MV Lamp of makes Wipro / G.E./ Phillips / Osram.	162.45
654	ELEC-3.4.41	1 No	Supply of 125W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	145.35

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655	ELEC-3.4.42	1 No	Supply of 125W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	128.25
656	ELEC-3.4.43	1 No	Supply of 250W MV Lamp of makes Wipro / G.E./ Phillips / Osram.	384.75
657	ELEC-3.4.44	1 No	Supply of 250W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	359.10
658	ELEC-3.4.45	1 No	Supply of 250W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	342.00
659	ELEC-3.4.46	1 No	Supply of 400W MV Lamp of makes Wipro / G.E./ Phillips / Osram.	547.20
660	ELEC-3.4.47	1 No	Supply of 400W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	530.10
661	ELEC-3.4.48	1 No	Supply of 400W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	513.00
662	ELEC-3.4.49	1 No	Supply of 160W MLL Lamp of makes Wipro / G.E./ Phillips / Osram.	205.20
663	ELEC-3.4.50	1 No	Supply of 160W MLL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	188.10
664	ELEC-3.4.51	1 No	Supply of 160W MLL Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	171.00
			NATURE SWITCHES	0.00
665	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.	9028.80
666	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.	9473.40
667	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.	10807.20
668	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.	10807.20
669	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.	11696.40
670	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.	15697.80
			INTERNAL LUMINAIRES	
671	ELEC-3.6.1	1 No	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Wipro / G.E./ Phillips.	551.48
672	ELEC-3.6.2	1 No	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Crompton / Bajaj / HPL / Surya / Havells.	470.25
673	ELEC-3.6.3	1 No	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Elton / RK / Krishilite / Akhil.	427.50
674	ELEC-3.6.4	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 Wipro / G.E./ Phillips.	564.30
675	ELEC-3.6.5	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 / HPL / Surya / Havells.	487.35
676	ELEC-3.6.6	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 Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil / Million.	444.60
677	ELEC-3.6.7	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.	735.30

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678	ELEC-3.6.8	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 Crompton / Bajaj / Surya / HPL / Havells.	692.55
679	ELEC-3.6.9	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 Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil / Million.	598.50
680	ELEC-3.6.10	1 No	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	876.38
681	ELEC-3.6.11	1 No	Supply of 2 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 / HPL / Havells.	833.63
682	ELEC-3.6.12	1 No	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	684.00
683	ELEC-3.6.13	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.	1047.38
684	ELEC-3.6.14	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 Crompton / Bajaj / Surya / HPL / Havells.	1004.63
685	ELEC-3.6.15	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 Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	837.90
686	ELEC-3.6.16	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 Wipro / G.E./ Phillips.	299.25
687	ELEC-3.6.17	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 / HPL / Havells.	222.30
688	ELEC-3.6.18	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 / Ballast Makers / Krishilite / Kumar / Million / Gold Medal / Vimal / Flourcraft / Akhil.	188.10
689	ELEC-3.6.19	1 No	Supply of 1 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1026.00
690	ELEC-3.6.20	1 No	Supply of 1 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells with reflector.	897.75
691	ELEC-3.6.21	1 No	Supply of 1 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Elton / RK / Krishilite / Kumar / Style Lamp / Mahita Electro / Capart / Akhil.	726.75
692	ELEC-3.6.22	1 No	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1154.25

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693	ELEC-3.6.23	1 No	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	983.25
694	ELEC-3.6.24	1 No	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Elton / RK / Krishilite / Akhil.	872.10
695	ELEC-3.6.25	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 VPIT chokes, Starters, Condencers of makes Wipro / G.E./ Phillips.	2052.00
696	ELEC-3.6.26	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 VPIT chokes, Starters, Condencers of makes Crompton / Bajaj / Surya / HPL / Havells.	1881.00
697	ELEC-3.6.27	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 VPIT chokes, Starters, Condencers of makes Elton / RK / Krishilite / Akhil.	1539.00
698	ELEC-3.6.28	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.	2223.00
699	ELEC-3.6.29	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 Crompton / Bajaj / Surya / HPL / Havells.	2030.63
700	ELEC-3.6.30	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 Elton / RK / Ballast Makers / Krishilite / Fixolite / Kumar.	1688.63
701	ELEC-3.6.31	1 No	Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condencers of makes Wipro / G.E./ Phillips.	1269.68
702	ELEC-3.6.32	1 No	Supply of Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condencers of makes Crompton / Bajaj / Surya / HPL / Havells.	1137.15
703	ELEC-3.6.33	1 No	Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condencers of makes Elton / RK / Krishilite / Kumar.	1026.00
704	ELEC-3.6.34	1 No	Supply of 2 x 11W CFL 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.	1368.00
705	ELEC-3.6.35	1 No	Supply of 2 x 11W CFL 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 Crompton / Bajaj / Surya / HPL / Havells.	1231.20

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706	ELEC-3.6.36	1 No	Supply of 2 x 11W CFL 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 Elton / RK / Krishilite / Kumar / Style Lamp.	1108.08
707	ELEC-3.6.37	1 No	Supply of 2 x 36W CFL Paralite louver (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with VPIT Choke of makes Wipro / G.E./ Phillips.	3868.88
708	ELEC-3.6.38	1 No	Supply of 2 x 36W CFL Paralite louver (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with VPIT Choke of makes Crompton / Bajaj / Surya / Havells.	3237.89
709	ELEC-3.6.39	1 No	Supply of 2 x 36W CFL Paralite louver (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E./ Phillips.	4039.88
710	ELEC-3.6.40	1 No	Supply of 2 x 36W CFL Paralite louver (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Crompton / Bajaj / Surya / Havells.	3206.25
711	ELEC-3.6.41	1 No	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with VPIT Choke of makes Wipro / G.E./ Phillips.	3420.00
712	ELEC-3.6.42	1 No	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with VPIT Choke of makes Crompton / Bajaj / Surya / HPL / Havells.	2772.77
713	ELEC-3.6.43	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.	3591.00
714	ELEC-3.6.44	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 Crompton / Bajaj / Surya / HPL / Havells.	2778.75
715	ELEC-3.6.45	1 No	Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded alluminium luminaire with Electronic Ballast and all standard accessories.of makes Crompton / Bajaj / Surya / HPL / Havells.	649.80
716	ELEC-3.6.46	1 No	Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded alluminium luminaire with Electronic Ballast and all standard accessories.of makes Elliot / Million / Akhil / Gold Medal / Vimal.	555.75
717	ELEC-3.6.47	1 No	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with all standard accessories of makes Wipro / G.E./ Phillips.	769.50
718	ELEC-3.6.48	1 No	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	648.95
719	ELEC-3.6.49	1 No	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with all standard accessories of makes Wipro / G.E./ Phillips.	914.00
720	ELEC-3.6.50	1 No	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	866.12
721	ELEC-3.6.51	1 No	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of makes Wipro / G.E./ Phillips.	983.25

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722	ELEC-3.6.52	1 No	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	884.93
723	ELEC-3.6.53	1 No	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of makes Wipro / G.E./ Phillips.	1261.13
724	ELEC-3.6.54	1 No	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1154.25
725	ELEC-3.6.55	1 No	Supply of 70W metal halid down light Recessed mounting with control gear of makes Wipro / G.E./ Phillips.	2137.50
726	ELEC-3.6.56	1 No	Supply of 70W metal halid down light Recessed mounting with control gear of makes Crompton / Bajaj / Surya / HPL / Havells.	1881.00
727	ELEC-3.6.57	1 No	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformerWipro / G.E./ Phillips.	634.41
728	ELEC-3.6.58	1 No	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer of make Crompton / Bajaj / Surya / HPL / Havells.	571.14
729	ELEC-3.6.59	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.	837.90
730	ELEC-3.6.60	1 No	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Crompton / Bajaj / Surya / Havells.	752.40
731	ELEC-3.6.61	1 No	Supply of 9/13W VPIT Ballast for CFL of makes Wipro / G.E./ Phillips.	119.70
732	ELEC-3.6.62	1 No	Supply of 9/13W VPIT Ballast for CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	107.73
733	ELEC-3.6.63	1 No	Supply of 9/13W VPIT Ballast for CFL of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	94.05
734	ELEC-3.6.64	1 No	Supply of 18W VPIT Ballast for CFL of makes Wipro / G.E./ Phillips.	119.70
735	ELEC-3.6.65	1 No	Supply of 18W VPIT Ballast for CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	102.60
736	ELEC-3.6.66	1 No	Supply of 18W VPIT Ballast for CFL of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	94.05
737	ELEC-3.6.67	1 No	Supply of 20W Copper Wound Ballast of makes Wipro / G.E./ Phillips.	153.90
738	ELEC-3.6.68	1 No	Supply of 20W Copper Wound Ballast of makes Crompton / Bajaj / Surya / HPL / Havells.	136.80
739	ELEC-3.6.69	1 No	Supply of 20W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal.	123.98
740	ELEC-3.6.70	1 No	Supply of 40W Copper Wound Ballast of makes Wipro / G.E./ Phillips.	153.90
741	ELEC-3.6.71	1 No	Supply of 40W Copper Wound Ballast of makes Crompton / Bajaj / Surya / HPL / Havells.	136.80
742	ELEC-3.6.72	1 No	Supply of 40W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal.	123.98
743	ELEC-3.6.73	1 No	Supply of 18/20W VPIT Ballast Wipro / G.E./ Phillips.	153.90
744	ELEC-3.6.74	1 No	Supply of 18/20W VPIT Ballast Crompton / Bajaj / Surya / HPL / Havells.	136.80
745	ELEC-3.6.75	1 No	Supply of 18/20W VPIT Ballast Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	123.98
746	ELEC-3.6.76	1 No	Supply of 36/40W VPIT Ballast Wipro / G.E./ Phillips.	179.55
747	ELEC-3.6.77	1 No	Supply of 36/40W VPIT Ballast Crompton / Bajaj / Surya / HPL / Havells.	153.90

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748	ELEC-3.6.78	1 No	Supply of 36/40W VPIT Ballast Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	145.35
749	ELEC-3.6.79	1 No	Supply of 40W Starter of makes Wipro / G.E./ Phillips.	8.55
750	ELEC-3.6.80	1 No	Supply of 40W Starter of makes Crompton / Bajaj / Surya / HPL / Havells.	6.84
751	ELEC-3.6.81	1 No	Supply of 40W Starter of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	5.99
752	ELEC-3.6.82	1 No	Supply of Rotor holder(FTL) of makes Wipro / G.E./ Phillips.	17.10
753	ELEC-3.6.83	1 No	Supply of Rotor holder(FTL) of makes Crompton / Bajaj / Surya / HPL / Havells.	15.39
754	ELEC-3.6.84	1 No	Supply of Rotor holder(FTL) of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	13.68
755	ELEC-3.6.85	1 No	Supply of HID Lamp holder of makes Wipro / G.E./ Phillips.	42.75
756	ELEC-3.6.86	1 No	Supply of HID Lamp holder of makes Crompton / Bajaj / Surya / HPL / Havells.	38.48
757	ELEC-3.6.87	1 No	Supply of HID Lamp holder of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	34.20
758	ELEC-3.6.88	1 No	Supply of CFL holder of makes Wipro / G.E./ Phillips.	25.65
759	ELEC-3.6.89	1 No	Supply of CFL holder of makes Crompton / Bajaj / Surya / HPL / Havells.	21.38
760	ELEC-3.6.90	1 No	Supply of CFL holder of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	19.67
761	ELEC-3.6.91	1 No	Supply of FTL Starter holder of makes Wipro / G.E./ Phillips.	11.97
762	ELEC-3.6.92	1 No	Supply of FTL Starter holder of makes Crompton / Bajaj / Surya / Havells.	10.26
763	ELEC-3.6.93	1 No	Supply of FTL Starter holder of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	9.41
764	ELEC-3.6.94	1 No	Supply of 36W Electronic Ballast for FTL.of makes Wipro / G.E./ Phillips.	513.00
765	ELEC-3.6.95	1 No	Supply of 36W Electronic Ballast for FTL.of makes Crompton / Bajaj / Surya / HPL / Havells / Trinic / Elliot.	470.25
766	ELEC-3.6.96	1 No	Supply of 36W Electronic Ballast for FTL.of makes Akhil / RK / Krishilite / Kumar / Style Lamp / Million / Gold Medal / Vimal.	427.50
			FLOURSCENT / CFL LAMPS	
767	ELEC-3.7.1	1 No	Supply of 40W-60W Lamp of makes Wipro / G.E./ Phillips.	10.26
768	ELEC-3.7.2	1 No	Supply of 40W-60W Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	9.41
769	ELEC-3.7.3	1 No	Supply of 40W-60W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	8.55
770	ELEC-3.7.4	1 No	Supply of 100W Lamp of makes Wipro / G.E./ Phillips.	11.12
771	ELEC-3.7.5	1 No	Supply of 100W Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	10.26
772	ELEC-3.7.6	1 No	Supply of 100W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	9.41
773	ELEC-3.7.7	1 No	Supply of 40W - 60W Milky Lamp of makes Wipro / G.E./ Phillips.	11.97
774	ELEC-3.7.8	1 No	Supply of 40W - 60W Milky Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	11.12
775	ELEC-3.7.9	1 No	Supply of 40W - 60W Milky Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	10.26
776	ELEC-3.7.10	1 No	Supply of Night Lamp of makes Wipro / G.E./ Phillips.	9.41
777	ELEC-3.7.11	1 No	Supply of Night Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	9.41
778	ELEC-3.7.12	1 No	Supply of Night Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	7.70
779	ELEC-3.7.13	1 No	Supply of 18/20W fluorescent Lamp of makes Wipro / G.E./ Phillips.	35.06

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780	ELEC-3.7.14	1 No	Supply of 18/20W fluorescent Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	33.35
781	ELEC-3.7.15	1 No	Supply of 18/20W fluorescent Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	32.49
782	ELEC-3.7.16	1 No	Supply of 36/40W fluorescent Lamp of makes Wipro / G.E./ Phillips.	38.48
783	ELEC-3.7.17	1 No	Supply of 36/40W fluorescent Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	34.20
784	ELEC-3.7.18	1 No	Supply of 36/40W fluorescent Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	32.49
785	ELEC-3.7.19	1 No	Supply of 28W T5 Lamp of makes Crompton / Bajaj / Phillips / Surya / Havells.	102.60
786	ELEC-3.7.20	1 No	Supply of 9W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	64.13
787	ELEC-3.7.21	1 No	Supply of 9W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	59.85
788	ELEC-3.7.22	1 No	Supply of 11W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	68.40
789	ELEC-3.7.23	1 No	Supply of 11W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	64.13
790	ELEC-3.7.24	1 No	Supply of 13W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	89.78
791	ELEC-3.7.25	1 No	Supply of 13W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	85.50
792	ELEC-3.7.26	1 No	Supply of 18W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	98.33
793	ELEC-3.7.27	1 No	Supply of 18W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	94.05
794	ELEC-3.7.28	1 No	Supply of 26W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	136.80
795	ELEC-3.7.29	1 No	Supply of 26W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	128.25
796	ELEC-3.7.30	1 No	Supply of 36W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	115.43
797	ELEC-3.7.31	1 No	Supply of 36W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	111.15
798	ELEC-3.7.32	1 No	Supply of up to 5W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	98.33
799	ELEC-3.7.33	1 No	Supply of up to 5W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	94.05
800	ELEC-3.7.34	1 No	Supply of up to 8W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	106.88
801	ELEC-3.7.35	1 No	Supply of up to 8W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	102.60
802	ELEC-3.7.36	1 No	Supply of up to 10/11W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	115.43
803	ELEC-3.7.37	1 No	Supply of up to 10/11W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	111.15
804	ELEC-3.7.38	1 No	Supply of up to 13/14W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	94.05
805	ELEC-3.7.39	1 No	Supply of up to 13/14W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	85.50
806	ELEC-3.7.40	1 No	Supply of 15W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	153.90
807	ELEC-3.7.41	1 No	Supply of 15W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	128.25
808	ELEC-3.7.42	1 No	Supply of up to 18/20W Retrofit CFL of makes Wipro / G.E./ Phillips.	145.35
809	ELEC-3.7.43	1 No	Supply of up to 18/20W Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	136.80
810	ELEC-3.7.44	1 No	Supply of 23W Retrofit CFL of makes Wipro / G.E./ Phillips.	171.00
811	ELEC-3.7.45	1 No	Supply of 23/25W Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	162.45

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812	ELEC-3.7.46	1 No	Supply of up to 25/26W Retrofit CFL of makes Wipro / G.E./ Phillips.	171.00
813	ELEC-3.7.47	1 No	Supply of up to 25/26W Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	153.90
814	ELEC-3.7.48	1 No	Supply of up to 5W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	59.85
815	ELEC-3.7.49	1 No	Supply of up to 5W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	55.58
816	ELEC-3.7.50	1 No	Supply of up to 7 W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	85.50
817	ELEC-3.7.51	1 No	Supply of up to 7 W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	59.85
818	ELEC-3.7.52	1 No	Supply of up to 9 W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	85.50
819	ELEC-3.7.53	1 No	Supply of up to 9 W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	68.40
820	ELEC-3.7.54	1 No	Supply of up to 11W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	94.05
821	ELEC-3.7.55	1 No	Supply of up to 11W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	68.40
822	ELEC-3.7.56	1 No	Supply of up to 13W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	111.15
823	ELEC-3.7.57	1 No	Supply of up to 13W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	98.33
824	ELEC-3.7.58	1 No	Supply of up to 18W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	106.88
825	ELEC-3.7.59	1 No	Supply of up to 18W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	94.05
826	ELEC-3.7.60	1 No	Supply of up to 20W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	171.00
827	ELEC-3.7.61	1 No	Supply of up to 20W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	153.90
828	ELEC-3.7.62	1 No	Supply of up to 27W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	196.65
829	ELEC-3.7.63	1 No	Supply of up to 27W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	179.55
			ENERGY CONSERVING FIXTURES	
830	ELEC-3.8.1	1 No	Supply of TRINIC / ELLIOT make 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.	763.52
831	ELEC-3.8.2	1 No	Supply of ELLIOT or its equivalent make 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 and auto restart at normal voltage suitable for 36/40W tube.	785.75
832	ELEC-3.8.3	1 No	Supply of TRINIC / ELLIOT or its equivalent make 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.	807.98

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833	ELEC-3.8.4	1	No	Supply of ELLIOT or its equivalent make 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 total harmonic distortion shall be as per IS Specification with auto cut off at High Voltage and Auto restart at normal voltage suitable for 36/40W tube.	875.52
834	ELEC-3.8.5	1	No	Supply of TRINIC / ELLIOT or its equivalent make 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.	3097.67
835	ELEC-3.8.6	1	No	Supply of ELLIOT or its equivalent make 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 and Auto restart at normal voltage for 36/40W tube.	3187.44
836	ELEC-3.8.7	1	No	Supply of TRINIC / ELLIOT or its equivalent make 28W Electronic ballast with auto cut off at High Voltage suitable for FTL.	577.13
837	ELEC-3.8.8	1	No	Supply of TRINIC / ELLIOT or its equivalent make 28W Electronic ballast with auto cut off at High Voltage and auto restart at normal voltage suitable for FTL.	619.88
				LED LUMINAIRES INDOOR	0.00
838	ELEC-3.9.1	1	No	Supply and Transportation of 30W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel 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 LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	12825.00
839	ELEC-3.9.2	1	No	Supply and Transportation of 30W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel 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 LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	10260.00
840	ELEC-3.9.3	1	No	Supply and Transportation of 45W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel 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 LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEQU SEMI CONDUCTORS / SAMSUNG.	15988.50

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841	ELEC-3.9.4	1 No	Supply and Transportation of 45W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel 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 LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	11970.00
842	ELEC-3.9.5	1 No	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 1W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	3420.00
843	ELEC-3.9.6	1 No	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 1W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	2565.00
844	ELEC-3.9.7	1 No	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	6113.25
845	ELEC-3.9.8	1 No	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	4275.00
846	ELEC-3.9.9	1 No	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	1881.00

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847	ELEC-3.9.10	1	No	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating acrylic diffuser in put voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	1539.00
848	ELEC-3.9.11	1	No	Supply and Transportation of 3W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating acrylic diffuser in put voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	1026.00
849	ELEC-3.9.12	1	No	Supply and Transportation of 3W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating acrylic diffuser in put voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	812.25
850	ELEC-3.9.13	1	No	Supply and transportation of 4 w LED Drivers	1188.45
851	ELEC-3.9.14	1	No	Supply and transportation of 8 w LED Drivers	1197.00
852	ELEC-3.9.15	1	No	Supply and transportation of indoor cove light LED Drivers of 4 TO 8 mtr rope	2274.30
		1	No	LED TYPE STREET LIGHTS	
853	ELEC-3.9.16	1	No	Supply and transportation of 18W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	11542.50
854	ELEC-3.9.17	1	No	Supply and transportation of 18W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	9405.00

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855	ELEC-3.9.18	1 No	Supply and transportation of 36W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	18810.00
856	ELEC-3.9.19	1 No	Supply and transportation of 36W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	16245.00
857	ELEC-3.9.20	1 No	Supply and transportation of 60W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	29925.00
858	ELEC-3.9.21	1 No	Supply and transportation of 60W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	
859	ELEC-3.9.22	1 No	Supply and transportation of 90W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	42750.00

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860	ELEC-3.9.23	1	No	Supply and transportation of 90W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	38475.00
861	ELEC-3.9.24	1	No	Supply and transportation of 120W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E / BAJAJ RUUD. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	57541.50
862	ELEC-3.9.25			Supply and transportation of 120W LED street light luminaire made of pressure diecast alluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.	51300.00
				SECTION - 4	0.00
				U.G. CABLES	0.00
863	ELEC-4.1.1	1	Mtr	Supply of 4 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	70.98
864	ELEC-4.1.2	1	Mtr	Supply of 4 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	59.40
865	ELEC-4.1.3	1	Mtr	Supply of 4 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	55.42
866	ELEC-4.1.4	1	Mtr	Supply of 6 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	80.50
867	ELEC-4.1.5	1	Mtr	Supply of 6 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	68.37
868	ELEC-4.1.6	1	Mtr	Supply of 6 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	62.80
869	ELEC-4.1.7	1	Mtr	Supply of 10 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	92.23
870	ELEC-4.1.8	1	Mtr	Supply of 10 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	78.80
871	ELEC-4.1.9	1	Mtr	Supply of 10 Sqmm 2 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	72.48

1	2	3	4	5
872	ELEC-4.1.13	1 Mtr	Supply of 6 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	85.80
873	ELEC-4.1.14	1 Mtr	Supply of 6 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	72.62
874	ELEC-4.1.15	1 Mtr	Supply of 6 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	66.72
875	ELEC-4.1.16	1 Mtr	Supply of 10 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	93.16
876	ELEC-4.1.17	1 Mtr	Supply of 10 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	79.65
877	ELEC-4.1.18	1 Mtr	Supply of 10 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	72.49
878	ELEC-4.1.19	1 Mtr	Supply of 16 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	98.25
879	ELEC-4.1.20	1 Mtr	Supply of 16 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	83.21
880	ELEC-4.1.21	1 Mtr	Supply of 16 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	76.84
881	ELEC-4.1.22	1 Mtr	Supply of 25 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	119.38
882	ELEC-4.1.23	1 Mtr	Supply of 25 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	102.09
883	ELEC-4.1.24	1 Mtr	Supply of 25 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	92.57
884	ELEC-4.1.25	1 Mtr	Supply of 35 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	135.66
885	ELEC-4.1.26	1 Mtr	Supply of 35 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	114.66
886	ELEC-4.1.27	1 Mtr	Supply of 35 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	104.65
887	ELEC-4.1.28	1 Mtr	Supply of 50 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	170.07
888	ELEC-4.1.29	1 Mtr	Supply of 50 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	143.75
889	ELEC-4.1.30	1 Mtr	Supply of 50 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	131.35
890	ELEC-4.1.31	1 Mtr	Supply of 70 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	208.12
891	ELEC-4.1.32	1 Mtr	Supply of 70 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	176.40
892	ELEC-4.1.33	1 Mtr	Supply of 70 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	160.68

1	2	3	4	5
893	ELEC-4.1.34	1 Mtr	Supply of 95 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	255.53
894	ELEC-4.1.35	1 Mtr	Supply of 95 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	216.32
895	ELEC-4.1.36	1 Mtr	Supply of 95 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	196.91
896	ELEC-4.1.37	1 Mtr	Supply of 120 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	294.03
897	ELEC-4.1.38	1 Mtr	Supply of 120 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	249.24
898	ELEC-4.1.39	1 Mtr	Supply of 120 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	226.14
899	ELEC-4.1.40	1 Mtr	Supply of 150 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	313.73
900	ELEC-4.1.41	1 Mtr	Supply of 150 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	264.92
901	ELEC-4.1.42	1 Mtr	Supply of 150 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	240.98
902	ELEC-4.1.43	1 Mtr	Supply of 185 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	358.56
903	ELEC-4.1.44	1 Mtr	Supply of 185 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	302.13
904	ELEC-4.1.45	1 Mtr	Supply of 185 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	273.74
905	ELEC-4.1.46	1 Mtr	Supply of 240 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	422.35
906	ELEC-4.1.47	1 Mtr	Supply of 240 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	355.13
907	ELEC-4.1.48	1 Mtr	Supply of 240 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab.	321.57
908	ELEC-4.1.49	1 Mtr	Supply of 300 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	476.06
909	ELEC-4.1.50	1 Mtr	Supply of 300 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	399.51
910	ELEC-4.1.51	1 Mtr	Supply of 300 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab.	360.46
911	ELEC-4.1.52	1 Mtr	Supply of 400 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	546.00
912	ELEC-4.1.53	1 Mtr	Supply of 400 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	457.07
913	ELEC-4.1.54	1 Mtr	Supply of 400 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab.	411.14
			11 KV H.T. XLPE CABLES	0.00

1	2	3	4	5
914	ELEC-4.1.55	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 / Nicco / Universal / CCI/ Polycab.	159.03
915	ELEC-4.1.56	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 / Nicco / Universal / CCI/ Polycab.	173.80
916	ELEC-4.1.57	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 / Nicco / Universal / CCI/ Polycab.	200.08
917	ELEC-4.1.58	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 / Nicco / Universal / CCI/ Polycab.	229.50
918	ELEC-4.1.59	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 / Nicco / Universal / CCI/ Polycab.	250.39
919	ELEC-4.1.60	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 / Nicco / Universal / CCI/ Polycab.	271.43
920	ELEC-4.1.61	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 / Nicco / Universal / CCI/ Polycab.	307.13
			CABLE GLANDS	
921	ELEC-4.2.1	1 No	Deleted	
922	ELEC-4.2.2	1 No	Deleted	
923	ELEC-4.2.3	1 No	Deleted	
924	ELEC-4.2.4	1 No	Deleted	
925	ELEC-4.2.5	1 No	Deleted	
926	ELEC-4.2.6	1 No	Deleted	
927	ELEC-4.2.7	1 No	Deleted	
928	ELEC-4.2.8	1 No	Deleted	
929	ELEC-4.2.9	1 No	Deleted	
930	ELEC-4.2.10	1 No	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 185Sqmm with brass washers complete.	256.50
931	ELEC-4.2.11	1 No	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 240Sqmm with brass washers complete.	384.75
932	ELEC-4.2.12	1 No	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 300Sqmm with brass washers complete.	453.15
933	ELEC-4.2.13	1 No	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 400Sqmm with brass washers complete.	513.00
934	ELEC-4.2.14	1 No	Supply and Fixing of single compression brass cable glands for 4 core PVC armoured cable up to 16.0 Sq.mm with brass washers complete.	73.53
935	ELEC-4.2.15	1 No	Supply and Fixing of single compression brass cable glands for 3.5 core PVC armoured cable from 25 Sqmm to 50.0 Sq.mm with brass washers complete.	107.73
936	ELEC-4.2.16	1 No	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable from 70 Sqmm to 150.0 Sq.mm with brass washers complete.	206.91
			LUGS	0.00
937	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.	17.10

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938	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.	23.09
939	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.	25.65
940	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.	30.78
941	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.	42.75
942	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.	50.45
943	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.	68.40
944	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.	80.37
945	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.	115.43
946	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.	166.73
947	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.	220.59
948	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.	324.90
949	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.	9.41
950	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.	11.12
951	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.	12.83
952	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.	15.39
953	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.	19.67
954	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.	21.38
955	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.	27.36
956	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.	31.64
957	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.	35.91

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958	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.	55.58
959	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.	72.68
960	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.	94.05
				CABLE JOINTS	
961	ELEC-4.4.1	1	No	Deleted	
962	ELEC-4.4.2	1	No	Deleted	
963	ELEC-4.4.3	1	No	Deleted	
964	ELEC-4.4.4	1	No	Deleted	
965	ELEC-4.4.5	1	No	Deleted	
966	ELEC-4.4.6	1	No	Deleted	
967	ELEC-4.4.7	1	No	Deleted	
968	ELEC-4.4.8	1	No	Deleted	
969	ELEC-4.4.9	1	No	Deleted	
970	ELEC-4.4.10	1	No	Deleted	
971	ELEC-4.4.11	1	No	Deleted	
972	ELEC-4.4.12	1	No	Deleted	
973	ELEC-4.4.13	1	No	Deleted	
974	ELEC-4.4.14	1	No	Deleted	
975	ELEC-4.4.15	1	No	Deleted	
				HEAT SHRINKABLE LT CABLE JOINTS	0.00
976	ELEC-4.4.16	1	No	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 2.5 to 16 Sqmm. Makes Raychem.	464.27
977	ELEC-4.4.17	1	No	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 25 to 50 Sqmm. Makes Raychem.	583.97
978	ELEC-4.4.18	1	No	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 70 to 150 Sqmm. Makes Raychem.	643.82
979	ELEC-4.4.19	1	No	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 185 to 300 Sqmm. Makes Raychem.	815.67
980	ELEC-4.4.20	1	No	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 400 Sqmm. Makes Raychem.	970.43
				3 CORE 11 KV HT CABLE STRAIGHT THROUGH JOINTS	
981	ELEC-4.4.21	1	No	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, PVC Armoured cable 1100V 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.	11713.50

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982	ELEC-4.4.22	1 No	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, PVC Armoured cable 1100V 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.	14064.75
983	ELEC-4.4.23	1 No	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, PVC Armoured cable 1100V 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.	17890.88
			HT END TERMINATION KITS	0.00
984	ELEC-4.4.24	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.	6381.72
985	ELEC-4.4.25	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.	6467.22
986	ELEC-4.4.26	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.	6936.62
987	ELEC-4.4.27	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.	9678.60
988	ELEC-4.4.28	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.	9764.10
989	ELEC-4.4.29	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.	10687.50
			DOUBLE WALLED CORRUGATED HDPE PIPE	0.00
990	ELEC-4.5.1	1 Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 50mm and Inner dia 38mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	76.82
991	ELEC-4.5.2	1 Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 63mm and Inner dia 51mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	98.53
992	ELEC-4.5.3	1 Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 78mm and Inner dia 63mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	120.24
993	ELEC-4.5.4	1 Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 90mm and Inner dia 76mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	129.43
994	ELEC-4.5.5	1 Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make 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.	201.24
995	ELEC-4.5.6	1 Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 160mm and Inner dia 136mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	298.93
996	ELEC-4.5.7	1 Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 180mm and Inner dia 152mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	392.45

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997	ELEC-4.5.8	1	Mtr	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 200mm and Inner dia 170mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	457.58
			CABLE TRAYS	0.00	
998	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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1111.50
999	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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	820.80
1000	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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	722.48
1001	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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	619.88
1002	ELEC-4.6.5	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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	493.34
1003	ELEC-4.6.6	1	Mtr	Supply and Installation of 750mm 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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	526.68
1004	ELEC-4.6.7	1	Mtr	Supply and Installation of 600mm x 100mm 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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	564.30
1005	ELEC-4.6.8	1	Mtr	Supply and Installation of 750mm x 100mm 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 stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	607.91
				Note: Perforated cable trays provided without cover 30% may be deducted from above rates.	
				SECTION - 5	
				FANS	
1006	ELEC-5.1.1	1	No	Supply of 48" (1200mm) Sweep Ceiling Fan without Regulator.of makes Crompton High Speed / Bajaj Ultima / Havells Velocity / Usha Astra / Orient Summer Pride.	1197.00

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1007	ELEC-5.1.2	1 No	Supply of 48" (1200mm) Sweep Ceiling Fan without Regulator.of makes Crompton Decora / Bajaj G Gold / Havells Deco / Usha Striker / Orient PSPO.	1282.50
1008	ELEC-5.1.3	1 No	Supply of 48" (1200mm) Sweep Ceiling Fan without Regulator.of makes Crompton / Bajaj / Orient /Usha with 5 Star rating.	1368.00
1009	ELEC-5.1.4	1 No	Supply of 56" (1400mm) Sweep Ceiling Fan without Regulator.of makes Crompton High Speed / Bajaj Ultima / Havells Velocity / Usha Astra / Orient Summer Pride.	1325.25
1010	ELEC-5.1.5	1 No	Supply of 56" (1400mm) Sweep Ceiling Fan without Regulator.of makes Crompton Decora / Bajaj G Gold / Havells Deco / Usha Striker / Orient PSPO.	1453.50
1011	ELEC-5.1.6	1 No	Supply of 56" (1400mm) Sweep Ceiling Fan without Regulator.of makes Crompton Aura / Bajaj R Gold / Havells Festiva / Usha Premium.	1496.25
1012	ELEC-5.1.7	1 No	Supply of 16" (400mm) Wall mounted Fan of makes Crompton SDX Gold / Bajaj Victor / Havells Remote / Usha / Orient.	1748.48
1013	ELEC-5.1.8	1 No	Supply of 16" (400mm) Pedestal Fan of makes Crompton SDX Gold / Bajaj Victor / Havells Remote / Usha / Orient.	2017.80
1014	ELEC-5.1.9	1 No	Supply of 18" (450mm) Air Circulators of makes Crompton / Bajaj / Havells / Orient / Almounard.	4702.50
1015	ELEC-5.1.10	1 No	Supply of 24" (600mm) Air Circulators of makes Crompton / Bajaj / Havells / Orient / Almounard.	5130.00
1016	ELEC-5.1.11	1 No	Supply of 12" (300mm) Cabin fan of makes Crompton / Bajaj / Havells / Orient.	1115.78
1017	ELEC-5.1.12	1 No	Supply of 12" (300mm) ISI, Fresh Air fan of makes Crompton / Bajaj / Havells / Orient.	940.50
1018	ELEC-5.1.13	1 No	Supply of 9" (225mm) ISI, Fresh Air fan of makes Crompton / Bajaj / Havells / Orient.	983.25
1019	ELEC-5.1.14	1 No	Supply of 12" (300mm)ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Bajaj / Havells / Orient.	1966.50
1020	ELEC-5.1.15	1 No	Supply of 15" (375mm)ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Bajaj / Havells / Orient.	2394.00
1021	ELEC-5.1.16	1 No	Supply of 18" (450mm)ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Bajaj / Havells / Orient.	2992.50
			WATER HEATERS	
1022	ELEC-5.2.1	1 No	Supply of 25 Ltrs Geyser with Copper tank with Metal body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	5950.80
1023	ELEC-5.2.2	1 No	Supply of 35 Ltrs Geyser with Copper tank with Metal body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	6840.00
1024	ELEC-5.2.3	1 No	Supply of 25 Ltrs Geyser with Copper tank with ABS Plastic body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	6882.75
1025	ELEC-5.2.4	1 No	Supply of 35 Ltrs Geyser with Copper tank with ABS Plastic body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	8507.25
			ACCESSORIES FOR WATER HEATERS	0.00
1026	ELEC-5.3.1	1 No	Heating element of 1.5 / 2.0 / 3.0 KW.	282.15
1027	ELEC-5.3.2	1 No	Supply of thermostat with range 30 ⁰ to 90 ⁰ C.Adjustable and suitable for 25 to 50 Ltrs. Capacity.	171.00
1028	ELEC-5.3.3	1 No	Supply of pressure release valve for water heater of 15 to 50 Ltrs.capacity.	171.00
1029	ELEC-5.3.4	1 No	Flexible Nylon / PVC Metallic hose pipe	94.05
			ACCESSORIES FOR MOTORS	0.00
1030	ELEC-5.4.1	1 No	Supply & Fixing of D.O.L Starter 250V, Single phase, 50Hz. With SS encloser comprising of contactor with bi-metalic relay with necessary push buttons, etc., complete .	666.90
1031	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.	1239.75

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1032	ELEC-5.4.3	1 No	Supply & Fixing of Semi automatic star / delta starter suitable for 10 HP to 12.5 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	3847.50
1033	ELEC-5.4.4	1 No	Supply & Fixing of Semi automatic star / delta starter suitable for 15 HP to 25 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	5985.00
1034	ELEC-5.4.5	1 No	Supply & Fixing of Automatic star / delta starter suitable for 10 HP to 12.5 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	4924.80
1035	ELEC-5.4.6	1 No	Supply & Fixing of Automatic star / delta starter suitable up to 15 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	5212.94
1036	ELEC-5.4.7	1 No	Single phasing preventer connected to A.C. supply upto 45A range.	1800.63
1037	ELEC-5.4.8	1 No	Motor Cover made with GI sheet of 18SWG for protection from rain complete.	38.48
			SINGLE PHASE SUBMERSIBLE MOTOR PUMP SETS	0.00
1038	ELEC-5.4.9	1 No	Supply and Transportation of 0.75HP 8 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	11790.00
1039	ELEC-5.4.10	1 No	Supply and Transportation of 1.00HP 9 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	12690.00
1040	ELEC-5.4.11	1 No	Supply and Transportation of 1.00HP 13 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	13230.00
1041	ELEC-5.4.12	1 No	Supply and Transportation of 1.50HP 19 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	15570.00
1042	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 / CRI / L&T / Texmo / Varsha.	19260.00
			THREE PHASE SUBMERSIBLE MOTOR PUMP SETS.	
1043	ELEC-5.4.14	1 No	Supply and Transportation of 3.00HP 18 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	16920.00
1044	ELEC-5.4.15	1 No	Supply and Transportation of 3.00HP 26 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	17550.00
1045	ELEC-5.4.16	1 No	Supply and Transportation of 3.00HP 32 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	21240.00
1046	ELEC-5.4.17	1 No	Supply and Transportation of 5.00HP 27 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	22320.00
1047	ELEC-5.4.18	1 No	Supply and Transportation of 5.00HP 40 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	24480.00
1048	ELEC-5.4.19	1 No	Supply and Transportation of 5.00HP 52 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	27180.00
1049	ELEC-5.4.20	1 No	Supply and Transportation of 5.00HP 17 Stage Three phase ISI submersible motor pumpset suitable for 6" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	26730.00
1050	ELEC-5.4.21	1 No	Supply and Transportation of 7.5HP 8 Stage Three phase ISI submersible motor pumpset suitable for 6" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	26730.00
1051	ELEC-5.4.22	1 No	Supply and Transportation of 7.5HP 20 Stage Three phase ISI submersible motor pumpset suitable for 6" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	30600.00
			SINGLE PHASE OPEN WELL SUBMERSIBLE MOTOR PUMP SETS.	

1	2	3	4	5
1052	ELEC-5.4.23	1 No	Supply and Transportation of 1.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	8460.00
1053	ELEC-5.4.24	1 No	Supply and Transportation of 1.50HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	9540.00
1054	ELEC-5.4.25	1 No	Supply and Transportation of 3.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	12240.00
			THREE PHASE OPEN WELL SUBMERSIBLE PUMP SETS.	
1055	ELEC-5.4.26	1 No	Supply and Transportation of 3.00HP Three phase open well ISI submersible motor pumpset.(65/50) Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	11880.00
1056	ELEC-5.4.27	1 No	Supply and Transportation of 5.00HP Three phase open well ISI submersible motor pumpset.(75/65) Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	14580.00
1057	ELEC-5.4.28	1 No	Supply and Transportation of 7.50HP Three phase open well ISI submersible motor pumpset.(100/75) Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	17370.00
			SINGLE PHASE MONO BLOCK MOTOR PUMP SETS.	
1058	ELEC-5.4.29	1 No	Supply and Transportation of 0.5HP Single phase ISI Mono block motor pumpset (25x25mm). Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	3690.00
1059	ELEC-5.4.30	1 No	Supply and Transportation of 1.0HP Single phase ISI Mono block motor pumpset (25x25mm). Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	5220.00
1060	ELEC-5.4.31	1 No	Supply and Transportation of 1.5HP Single phase ISI Mono block motor pumpset (32x25mm). Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.	7110.00
			CONTROL PANEL BOARD FOR MOTORS	0.00
1061	ELEC-5.4.32	1 No	Supply and Transportation of Direct - on - Line LTLK / SIEMENS / CROMPTON make starters fitted in sheet metal box size of 265 x 295 x 110mm suitable enclosure for single phase motors up to 3 HP at 220V 50Hz operating range between 80 to 240 Volts with starting and running capacitors assembled with ISI mark contactors and fitted with Legrand make ISI mark MCB etc., complete.	4320.00
1062	ELEC-5.4.33	1 No	Supply and Transportation of Direct - on - Line LTLK / SIEMENS / CROMPTON make starters fitted in sheet metal box size of 265 x 295 x 110mm suitable enclosure for 3 phase motors up to 5 HP at 415V 50Hz fitted with all equipments with suitable ISI mark LTLK / Crompton make Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.	8100.00
1063	ELEC-5.4.34	1 No	Supply and Transportation of Direct - on - Line LTLK / SIEMENS / CROMPTON make starters fitted in sheet metal box size of 265 x 295 x 110mm suitable enclosure for 3 phase motors up to 7.5 HP at 415V 50Hz fitted with all equipments with suitable ISI mark LTLK / Crompton make Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.	9450.00
1064	ELEC-5.4.35	1 No	Supply and Transportation of Fully Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 7.5HP and up to 12.5HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.	15750.00
1065	ELEC-5.4.36	1 No	Supply and Transportation of Semi Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 7.5HP and up to 12.5HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.	14850.00

1	2	3	4	5
1066	ELEC-5.4.37	1 No	Supply and Transportation of Fully Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 12.5HP and up to 120HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.	17550.00
1067	ELEC-5.4.38	1 No	Supply and Transportation of Semi Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 12.5HP and up to 120HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.	16650.00
			REPAIRS TO AIR CONDITIONERS	0.00
1068	ELEC-5.5.1	1 No	Supply, Fabrication of well seasoned T.W frame of size 27" x 19" (with 3"x4" size TW) for 1.0 / 1.5 / 2.0 Ton Window A.C.Unit.	958.50
1069	ELEC-5.5.2	1 Ft	Providing Copper tubing between indoor and outdoor unit for split Air-Conditioner including foaming etc., complete.	495.00
1070	ELEC-5.5.3	1 No	Supply of 1.0 / 1.5 Ton brand new Rotary type sealed compressor.	7335.00
1071	ELEC-5.5.4	1 No	Supply of 2.0 Ton brand new Rotary type sealed compressor.	8325.00
1072	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.	1125.00
1073	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.	140.40
1074	ELEC-5.5.7	1 No	Thermostat switch suitable for 1.0 / 1.5 / 2.0 Ton A.C.Unit.	369.00
1075	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.	162.00
1076	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.	198.00
1077	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.	202.50
1078	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.	436.50
1079	ELEC-5.5.12	1 No	Air filter suitable for 1.50 Ton Window A.C.Unit P.V.C. / NYLON.	202.50
1080	ELEC-5.5.13	1 No	Air filter suitable for 1.50 Ton Split A.C.Unit P.V.C. / NYLON.	427.50
1081	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.	292.50
1082	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.	315.00
1083	ELEC-5.5.16	1 No	Fan blade for 1.0 / 1.5 Ton A.C.Machine.	144.00
1084	ELEC-5.5.17	1 No	Grill of 1.0 / 1.5 ton A.C. Machine (for assembled Units).	384.30
1085	ELEC-5.5.18	1 No	Grill of 1.0 / 1.5 ton A.C. Machine of branded units.	1530.00
1086	ELEC-5.5.19	1 No	Rotary / Selector switch by new one.	103.50
1087	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.	1350.00
1088	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.	1890.00
1089	ELEC-5.5.22	1 No	Spray painting of Refrigerator using good quality paint after scraping the surface etc.	648.00
1090	ELEC-5.5.23	1 No	New sealed compressor of 1/8 HP suitable for 165 to 185 Ltrs. Capacity Refrigerator.	2790.00
1091	ELEC-5.5.24	1 No	Sealed compressor of 1/6 HP suitable for 285 / 310 Ltrs. Capacity Refrigerator.	3375.00
1092	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.	1431.00

1	2	3	4	5
1093	ELEC-5.5.26	1 No	Bush for fan motor of 80-150 Lts.	112.50
1094	ELEC-5.5.27	1 No	Fan hook of 12/15mm dia M.S. rod / bar	18.00
1095	ELEC-5.5.28	1 No	19/20mm steel tube down rod of 1 meter length.	54.00
1096	ELEC-5.5.29	1 No	Resistance type regulator for ceiling fans 900/1200/1400mm sweep complete erected on existing board.	36.00
			SPLIT AIR CONDITIONERS	
1097	ELEC-5.5.30	1 No	Supply of 1.5 Ton 3 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 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.(Bluestar 3HWE181YB / Carrier DuraKool / Hitachi - RAU 01 8K QDD / Samsung - AS 183 TGA make)	25155.00
1098	ELEC-5.5.31	1 No	Supply of 1.5 Ton 4 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 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.(Carrier Durakool Plus / Samsung - AS 18 EFB(crystal wine) make)	27450.00
1099	ELEC-5.5.32	1 No	Supply of 1.5 Ton 5 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 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.(Carrier DuraKool Star / Blue Star SHWE 181 YB / Hitachi RAU018 GPD / Samsung - AS 18 EXA Vivace Plus (Crystal Black) make)	31950.00
1100	ELEC-5.5.33	1 No	Supply of 2.0 Ton 2 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 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.(Carrier DuraKool Plus / Panasonic - CS - PC 24 JKY make)	30825.00
1101	ELEC-5.5.34	1 No	Supply of 2.0 Ton 3 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 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.(Bluestar 3HWE241YB / LG-LSA 6BW3 NT1 make)	32211.00
1102	ELEC-5.5.35	1 No	Supply of 2.0 Ton 4 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 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.(Bluestar / Carrier Dura Kool Star / Hitachi make)	34200.00

1	2	3	4	5
1103	ELEC-5.5.36	1 No	Supply of 1.5 Ton 3 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 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.(Daikin FTE 50 / 'O' General / Thoshiba Make)	30420.00
1104	ELEC-5.5.37	1 No	Supply of 1.5 Ton 5 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 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.(Daikin FT 50G / 'O' General / Thoshiba Make)	35712.00
1105	ELEC-5.5.38	1 No	Supply of 1.8 / 2.0 Ton 1 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 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.(Daikin FTE 60 / 'O' General / Thoshiba Make)	35100.00
1106	ELEC-5.5.39	1 No	Supply of 1.8 / 2.0 Ton 4 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 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.(Daikin FT 60 G / 'O' General / Thoshiba Make)	41220.00
			WINDOW AIR CONDITIONERS	
1107	ELEC-5.5.40	1 No	Supply of 1.5 Ton 2 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Durakool / Hitachi make)	17325.00
1108	ELEC-5.5.41	1 No	Supply of 1.5 Ton 3 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Estrella / Hitachi make)	22050.00
1109	ELEC-5.5.42	1 No	Supply of 2.0 Ton 1 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply with remote and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Durakool / Hitachi make)	22041.00
1110	ELEC-5.5.43	1 No	Supply of 2.0 Ton 1 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Durakool / Hitachi make)	20691.00
			STABILIZERS	0.00

1	2	3	4	5
1111	ELEC-5.5.44	1 Mtr	Supply of 0.5 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	990.00
1112	ELEC-5.5.45	1 Mtr	Supply of 0.5 KVA Stabilizer of make Keeline / Soft Line / Capri.	810.00
1113	ELEC-5.5.46	1 Mtr	Supply of 1.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1710.00
1114	ELEC-5.5.47	1 Mtr	Supply of 1.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1530.00
1115	ELEC-5.5.48	1 Mtr	Supply of 3.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	2250.00
1116	ELEC-5.5.49	1 Mtr	Supply of 3.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	2070.00
1117	ELEC-5.5.50	1 Mtr	Supply of 4.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	3150.00
1118	ELEC-5.5.51	1 Mtr	Supply of 4.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	2970.00
1119	ELEC-5.5.52	1 Mtr	Supply of 5.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	4140.00
1120	ELEC-5.5.53	1 Mtr	Supply of 5.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	3960.00
			REPAIRS TO MOTORS AND REWINDING, BEARINGS	0.00
1121	ELEC-5.6.1	1 No	Bearing of approved make for electric motor single phase / 3 phase AC upto 1 HP of all types.	161.10
1122	ELEC-5.6.2	1 No	Bearing of approved make for electric motor single phase / 3 phase AC upto 2 to 3 HP of all types.	207.90
1123	ELEC-5.6.3	1 No	Bearing of approved make for electric motor single phase / 3 phase AC upto 5 to 7.5 HP of all types.	275.40
1124	ELEC-5.6.4	1 No	Bearing of approved make for electric motor single phase / 3 phase AC upto 10 to 12.5 HP of all types.	287.10
1125	ELEC-5.6.5	1 No	Bearing of approved make for electric motor single phase / 3 phase AC upto 15 to 20 HP of all types.	440.10
1126	ELEC-5.6.6	1 No	Bearing of table / cabin / pedestal / ceiling / exhaust fan complete with alignment of shaft and tested.	75.60
1127	ELEC-5.6.7	1 No	Bearing of bush / rubber / ring washers complete with alignment of shaft and tested.	36.00
1128	ELEC-5.6.8	1 No	Capacitor of table / cabin / pedestal / ceiling / exhaust fan complete.	34.20
1129	ELEC-5.6.9	1 No	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	715562.10
1130	ELEC-5.6.10	1 Ltr	Deleted	
1131	ELEC-5.6.11	1 Ltr	Deleted	
1132	ELEC-5.6.12	1 Ltr	Deleted	
1133	ELEC-5.6.13	1 No	Deleted	
1134	ELEC-5.6.14	1 No	Deleted	
			SECTION - 6	
			SWAGED POLES / OCTOGONAL POLES, GARDEN POSTS AND ACCESSORIES	
1135	ELEC-6.1.1	1 Kg	Fabrication, supply and transportation of all sizes swaged poles up to site confirming 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)	55.58
1136	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)	51.30
1137	ELEC-6.1.3	1 Kg	Supply of different sizes of M. S. Pipe brackets (Rate per K.G)	51.30
1138	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 / Aster /TRANSRAIL / Surya.	7662.51

1	2	3	4	5
1139	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 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 / Aster / TRANSRAIL / Surva.	11315.07
1140	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 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 285 x 285 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes Bajaj / Aster /TRANSRAIL / Surva.	12400.92
1141	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 12 mtrs height Pole having dimensions Bottom 200 mm,. Top 100mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes Bajaj / Aster /TRANSRAIL / Surva.	19823.18
1142	ELEC-6.1.8	1 No	Fabrication, Transportation and supply of 1.0 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	961.88
1143	ELEC-6.1.9	1 No	Fabrication, Transportation and supply of 1.50 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1269.68
1144	ELEC-6.1.10	1 No	Fabrication, Transportation and supply of 1 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1108.08
1145	ELEC-6.1.11	1 No	Fabrication, Transportation and supply of 1.50 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1962.23
1146	ELEC-6.1.12	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 dia and top 100mm dia, base plate of size 290mmx290mmx16mm 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 1.5mtrs sword type decorative double 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 / Aster / TRANSRAIL / Surya.	18852.75
1147	ELEC-6.1.13	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 (38kgs) reinforcement as directed by the field engineers during execution including all labour charges and cost and conveyance of materials etc. complete.	3847.50

1	2	3	4	5
1148	ELEC-6.1.14	1 No	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick 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 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 with GLS type aviation twin lamp Makes Bajaj / Aster / TRANSRAIL / Surya.	74383.29
1149	ELEC-6.1.15	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 / Aster / TRANSRAIL / Surya.	106779.24
1150	ELEC-6.1.16	1 No	n	133202.16
1151	ELEC-6.1.17	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.	22866.12
1152	ELEC-6.1.18	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.	24123.83
1153	ELEC-6.1.19	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 Carriage etc complete.	24002.42
1154	ELEC-6.1.20	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 Carriage etc complete.	30603.87

1	2	3	4	5
1155	ELEC-6.1.21	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.	38946.11
1156	ELEC-6.1.22	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 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 1.5mtrs 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 / Aster /TRANSRAIL / Surya.	14802.62
1157	ELEC-6.1.23	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 / Aster / TRANSRAIL / Surya.	11542.50
1158	ELEC-6.1.24	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 / Aster / TRANSRAIL / Surya.	13252.50
			CONTROL PANEL	
1159	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.	1.92
1160	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.	1.71
1161	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.	1.54

1	2	3	4	5
			METERING EQUIPMENT	0.00
1162	ELEC-6.3.1	1 No	Supply and erection of 0-415V volt Digital meter of size 96x96mm on existing box / panel board including connections etc., complete.CONZERV/AE/MECO/ HPL MAKE.	2137.50
1163	ELEC-6.3.2	1 No	Supply and erection of 0-415V volt Analog meter of size 96x96mm on existing box / panel board including connections etc., complete.CONZERV/AE/MECO/ HPL MAKE.	384.75
1164	ELEC-6.3.3	1 No	Supply and erection of 0-100 / 200 / 400 / 600 /1000 - 5A CT Digital Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERV/AE/MECO/ HPL MAKE.	2137.50
1165	ELEC-6.3.4	1 No	Supply and erection of 0-100 / 200 / 400 / 600 /1000 - 5A CT Analog Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERV/AE/MECO/ HPL MAKE.	384.75
1166	ELEC-6.3.5	1 No	Supply and erection of Digital frequency meter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERV/AE/MECO/ HPL MAKE.	3895.38
1167	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. CONZERV/AE/MECO/ HPL MAKE.	2308.50
1168	ELEC-6.3.7	1 No	Supply and erection of L.T. 3phase Analog multifunction energy meter with 3 lines LCD display of size 96x96mm for measuring all the parameters (voltage / Current / Power / frequency / power factor / kw / kwh / KVAR/ KVARH/) on existing box panel board including connections etc., complete.(HPL/Conzerv/AE makes)	8569.67
1169	ELEC-6.3.8	1 No	Supply and erection of Analog selector switch for voltmeter / Ammeter on the existing box / panel including connections etc., complete. (HPL/Conzerv/AE makes)	149.63
1170	ELEC-6.3.9	1 No	Supply and erection of Analog LED indicator lamps on the existing box / panel board.(HPL/Conzerv/AE makes)	115.43
1171	ELEC-6.3.10	1 No	Supply and erection of Analog LT current transformer with bar primary 100/5A to 1000 / 5A ratio in the existing box / panel including connections etc., complete. (HPL/Conzerv/AE makes)	384.75
1172	ELEC-6.3.11	1 No	Supply and fixing of single phase Analog energy Meter,240V AC,50 HZ as per IS13010 with 2.5-5 /5-10/10-20 Amps range with 200% over load capacity complete with connections etc., complete on the existing board. (HPL/Conzerv/AE makes)	865.26
1173	ELEC-6.3.12	1 No	Supply and fixing of three phase Analog energy Meter, 415V AC,50 HZ as per IS13010 with 2.5-5 /5-10/10-20 Amps range with 200% over load capacity complete with connections etc., complete on the existing board. (HPL/Conzerv/AE makes)	2596.64
			SUB STATION EQUIPMENT	
1174	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.	1539.00
1175	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.	2137.50
1176	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).	3719.25
1177	ELEC-6.4.4	1 No	Testing of Transformer oil for dielectric breakdown strength.	427.50

1	2	3	4	5
1178	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	2137.50
1179	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	2992.50
1180	ELEC-6.4.7	1 No	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -Upto 315 KVA	641.25
1181	ELEC-6.4.8	1 No	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -500 / 1000 KVA	897.75
1182	ELEC-6.4.9	1 No	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -Upto 315 KVA	256.50
1183	ELEC-6.4.10	1 No	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -500 / 1000 KVA	470.25
1184	ELEC-6.4.11	1 No	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. Upto 315 KVA	598.50
1185	ELEC-6.4.12	1 No	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. 500 / 1000 KVA	1239.75
1186	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	504.45
1187	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	333.45
1188	ELEC-6.4.15	1 No	Insulating HT / LT copper / aluminium coils for Transformers.	256.50
1189	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	2565.00
1190	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	3420.00
1191	ELEC-6.4.18	1 No	Replacing H.T bushing for distribution Transformer by new one.	299.25
1192	ELEC-6.4.19	1 No	Replacing H.T bushing metal parts for distribution Transformer by new one.	324.90
1193	ELEC-6.4.20	1 No	Replacing L.T bushing for distribution Transformer by new one for the following capacities. - Upto 315 KVA	141.08
1194	ELEC-6.4.21	1 No	Replacing L.T bushing for distribution Transformer by new one for the following capacities.- 500 / 1000 KVA	149.63
1195	ELEC-6.4.22	1 No	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -100 KVA	256.50
1196	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	427.50
1197	ELEC-6.4.24	1 No	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -500 KVA	1111.50
1198	ELEC-6.4.25	1 No	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -1000 KVA	1710.00
1199	ELEC-6.4.26	1 No	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -Upto 315 KVA	2565.00
1200	ELEC-6.4.27	1 No	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -500 / 1000KVA	3591.00
1201	ELEC-6.4.28	1 No	Loading and Unloadng of transformer from site to Workshop or vice verse. -Upto 500 KVA	3847.50
1202	ELEC-6.4.29	1 No	Loading and Unloadng of transformer from site to Workshop or vice verse. -630 / 1000 KVA	5814.00
1203	ELEC-6.4.30	1 Ltr	Transformer oild tested as per IS-335 - 1972 (per Ltr)	76.95
1204	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)	6.84
1205	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)	4.28
			LIGHTENING PROTECTIVE SYSTEM	

1	2	3	4	5
1206	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.	1282.50
1207	ELEC-6.5.2	1 No	Supply and erecting porcelain disc type insulator suitable for 11KV line with suitable hardware on existing cross arms.	513.00
1208	ELEC-6.5.3	1 No	Supply and erecting porcelain pin type insulator suitable for 11KV line with suitable hardware on existing cross arms.	256.50
1209	ELEC-6.5.4	1 No	Supply and erecting porcelain post type insulator suitable for 11KV line with suitable hardware on existing cross arms.	577.13
1210	ELEC-6.5.5	1 No	Supply and erecting porcelain pin/shackle type insulator suitable for L. T.	76.95
1211	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.	513.00
1212	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.	5985.00
1213	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.	5215.50
1214	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.	5044.50
1215	ELEC-6.5.10	1 No	11KV, H.G fuse set including all standard accessories etc., complete with cost and conveyance of all materials.	3420.00
1216	ELEC-6.5.11	1 Km	Supply of 7/3.15 AAA C all Aluminium annealed conductor Rabbit.	19801.80
1217	ELEC-6.5.12	1 Km	Supply of 7/2.50 AAA C all Aluminium annealed conductor Weasel.	12177.77
1218	ELEC-6.5.13	1 No	Supply of 9.1 Mtr PSCC Pole 280 Kg Working load.	2431.62
1219	ELEC-6.5.14	1 No	Supply of 8.0 Mtr PSCC Pole 140 Kg Working load.	1293.62
1220	ELEC-6.5.15	1 Kg	Supply of 175 x 85 mm / 150 x 75 mm RS Joist.	38.48
			SECTION - 7	
			NET WORKING	
1221	ELEC-7.1.1	100 Mtrs	Supply of 2 Pair telephone wire of makes Gold Medal / Million / Finolex / Delton / Surabi / Polycab.	863.55
1222	ELEC-7.1.2	100 Mtrs	Supply of 6 Pair telephone wire of makes Gold Medal / Million / Finolex / Delton / Surabi / Polycab.	2394.00
1223	ELEC-7.1.3	100 Mtrs	Supply of RG 6 Co-axial cable of makes Finolex / Surabi / Million / Gold Medal / Polycab.	1453.50
1224	ELEC-7.1.4	100 Mtrs	Supply of LAN Cable cat - 6 (A) UTP cable of makes D Link / KMP / Molex.	2205.90
1225	ELEC-7.1.5	1 No	Supply of Cat 6 RJ-45 information outlets including dual face plate of makes Beldan / D Link / Legrand.	290.70
1226	ELEC-7.1.6	1 No	Supply of 24 Port switches of D link make	4446.00
1227	ELEC-7.1.7	1 No	Supply of 8 Port switches of D link make	961.88
1228	ELEC-7.1.8	1 No	Supply of 17U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	11542.50
1229	ELEC-7.1.9	1 No	Supply of 42U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	11542.50
1230	ELEC-7.1.10	1 No	Supply of 3200 access point of D link make or its equivalent.	10687.50
1231	ELEC-7.1.11	1 No	Supply of 7 feet length patch cord of makes D link / Beldan / Krone.	188.10
1232	ELEC-7.1.12	1 No	Supply of 3 feet length patch cord of makes D link / Beldan / Krone.	171.00
1233	ELEC-7.1.13	1 No	Supply of 24 port patch panels of makes D link / Beldan / Krone.	5557.50
1234	ELEC-7.1.14	1 No	Supply of 100 pair MDF loaded with 2/10 Modular of Krone make or its equivalent.	2565.00

1	2	3	4	5
1235	ELEC-7.1.15	1 Mtrs	Supply of 100 pair raiser cable for telephone of makes Polycab / Finolex.	235.13
			SECTION - 8	
			MISSILLANEOUS ITEMS	
1236	ELEC-8.1.1	1 Mtr	Deleted	
1237	ELEC-8.1.2	1 Mtr	Deleted	
1238	ELEC-8.1.3	1 Mtr	Deleted	
1239	ELEC-8.1.4	1 No	Supply of single fancy bracket with glass shade best Indian make	195.00
1240	ELEC-8.1.5	1 No	Supply of double fancy bracket with glass shade best Indian make	350.00
1241	ELEC-8.1.6	1 No	Supply of 10" ceiling fittings with glass doom best Indian make	175.00
1242	ELEC-8.1.7	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.	360.00
1243	ELEC-8.1.8	100 Nos	TW Seperators / Gutties	150.00
1244	ELEC-8.1.9	100 Nos	Rawl Plugs	16.00
1245	ELEC-8.1.10	100 Nos	U Nails	40.00
1246	ELEC-8.1.11	144 Nos	Alluminium Link Clips	50.00
1247	ELEC-8.1.12	1 Set	50 mm G.I.Nut and Bolts.	12.00
1248	ELEC-8.1.13	1 Set	63 to 100 mm G.I.Nut and Bolts.	20.00
1249	ELEC-8.1.14	1 Doz	50 mm 0 Gauge Nails	36.00
1250	ELEC-8.1.15	1 Doz	63 to 100 mm 0 Gauge Nails	60.00
1251	ELEC-8.1.16	1 Kg	Hard Coke	8.00
1252	ELEC-8.1.17	1 Kg	Salt	4.00
1253	ELEC-8.1.18	100 Nos	PVC Cleats 2 Way	300.00
1254	ELEC-8.1.19	100 Nos	PVC Cleats 4 Way	400.00
1255	ELEC-8.1.20	1 No	Binding Wire	50.00
1256	ELEC-8.1.21	1 No	PVC / Cotton Insulation tape Role (10 Mtrs)	15.00
1257	ELEC-8.1.22	1 No	C.I.Knob	12.00
1258	ELEC-8.1.23	1 Pair	Stay tight set (Jum bracket 300 mm)	250.00
1259	ELEC-8.1.24	1 Set	Stay clamp with bolts and Nuts)	160.00
1260	ELEC-8.1.25	1 No	L.T.Guy insulator	35.00
1261	ELEC-8.1.26	1 No	12 / 15 MS plain rod fan hook	20.00
1262	ELEC-8.1.27	1 Rm	19 / 20 mm Steel tube fan down rod	60.00
1263	ELEC-8.1.28	1 No	Consealed box PVC / MS with hook for fan	100.00
1264	ELEC-8.1.29	1 No	Coil Earthing	60.00
1265	ELEC-8.1.30	1 No	Cable root Indicators	75.00
1266	ELEC-8.1.31	1 Kg	40 mm x 40 mm x 6 mm angle iron with I bolt.	200.00
1267	ELEC-8.1.32	1 Kg	50 mm x 50 mm x 6 mm angle iron or Flat.	40.00
1268	ELEC-8.1.33	1 Kg	65 mm x 65 mm x 6 mm angle iron or Flat.	40.00
1269	ELEC-8.1.34	1 No	Acrylic Cover of size 4" x 7" for night lamps.	15.00
1270	ELEC-8.1.35	1 No	TW / PVC Round Blocks	6.00
1271	ELEC-8.1.36	1 No	G.I.Funnel with Mesh 1/2" x 4"	75.00
1272	ELEC-8.1.37	1 Sqft	Asbestos Sheet	20.00
1273	ELEC-8.1.38	1 No	First Aid box 18" x 12" x 8"	1000.00
1274	ELEC-8.1.39	1 No	11 KV/22 KV Hand gloves	140.00
1275	ELEC-8.1.40	1 Kg	Copper plate / Copper strip (Per K.G)	390.00
1276	ELEC-8.1.41	1 Kg	No. 8/10 SWG copper wire (per K.G)	390.00
1277	ELEC-8.1.42	1 Kg	PVC Insulated copper winding wire of fine quality (per K. G)	550.00
1278	ELEC-8.1.43	1 Kg	No. 14 SWG copper wire (per K. G)	390.00
1279	ELEC-8.1.44	1 Kg	Copper winding wire (per K. G)	490.00
1280	ELEC-8.1.45	1 Kg	G. I Strip/ Plate/Wire/ M. S (per K. G)	55.00
1281	ELEC-8.1.46	1 Kg	Alluminum Bus bars/Strips/accessories	185.00
1282	ELEC-8.1.47	1 Kg	Alluminum winding wire	390.00
1283	ELEC-8.1.48	25 Nos	6.2 Volt series bulb (25 Nos.)	83.00
1284	ELEC-8.1.49	25 Nos	6.2 Volt series bulb with navar plate(25 Nos.)	88.00
1285	ELEC-8.1.50	1 No	Supply of Rotating machine	15000.00
1286	ELEC-8.1.51	1 Kg	Supply and fixing of 6mm thick MS Chekered plate.	55.00
1287	ELEC-8.1.52	1 Kg	Supply and fixing of 6mm thick Alluminium Chekered plate.	220.00

1	2	3	4	5
1288	ELEC-8.1.53	1 Kg	Copper old winding Wire scrap for 1 Kg	100.00
1289	ELEC-8.1.54	1 Kg	Cement	4.50
1290	ELEC-8.1.55	1 Sqin	Hylam Sheet	0.50
1291	ELEC-8.1.56	1 Cum	Earth work excavation including all soils for trench, Pole Pit and Earth Pit.	200.00
1292	ELEC-8.1.57	1 Cum	Cost of Sand Including Lead	360.00
1293	ELEC-8.1.58	1000 Nos	Cost of Bricks with Lead	3100.00
1294	ELEC-8.1.59	1 Mtr	25 MM G.I.PPIPE LIGHT GRADE	207.00
1295	ELEC-8.1.60	1 Mtr	25 MM G.I.PPIPE MEDIUM GRADE	220.00
1296	ELEC-8.1.61	1 Mtr	40 MM G.I.PPIPE LIGHT GRADE	312.00
1297	ELEC-8.1.62	1 Mtr	40 MM G.I.PPIPE MEDIUM GRADE	332.00
1298	ELEC-8.1.63	1 No	Drilling of 16 Nos through holes of 12mm dia to G.I pipe	5.00
1299	ELEC-8.1.64	1 Set	G.I Nuts, Bolts an Washers each set	10.00
1300	ELEC-8.1.65	1 No	18" dia 2" thick hume pipe ring	200.00
1301	ELEC-8.1.66	1 No	18" dia 3" hume pipe ring	250.00
1302	ELEC-8.1.67	1 No	2" thick CC cover for hume pipe ring with handle	100.00
1303	ELEC-8.1.68	100 Nos	Supply of Saddle / Clamps suitable for fixing 2 Core 4 to 10 Sqmm Cable.	205.00
1304	ELEC-8.1.69	100 Nos	Supply of Saddle / Clamps suitable for fixing 4 Core 4 & 6 Sqmm Cable.	205.00
1305	ELEC-8.1.70	100 Nos	Supply of Saddle / Clamps suitable for fixing 4 Core 10 & 16 Sqmm Cable.	259.00
1306	ELEC-8.1.71	100 Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 25 & 35 Sqmm Cable.	315.00
1307	ELEC-8.1.72	100 Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 50 Sqmm Cable.	450.00
1308	ELEC-8.1.73	100 Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 70 & 95 Sqmm Cable.	500.00
1309	ELEC-8.1.74	100 Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 120 to 185 Sqmm Cable.	600.00
1310	ELEC-8.1.75	100 Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 240 & 300 Sqmm Cable.	750.00
1311	ELEC-8.1.76	100 Nos	Supply of Saddle / Clamps suitable for fixing 3.5 Core 400 Sqmm Cable.	1000.00
1312	ELEC-8.1.77		Labour Rates	
1313	ELEC-8.1.78	1 No	Skilled Electrician	258.00
1314	ELEC-8.1.79	1 No	Semi Skilled Electrician	237.00
1315	ELEC-8.1.80	1 No	Skilled Mason	258.00
1316	ELEC-8.1.81	1 No	Semi Skilled Mason	237.00
1317	ELEC-8.1.82	1 No	Welder	258.00
1318	ELEC-8.1.83	1 No	Fitter	258.00
1319	ELEC-8.1.84	1 No	Helper (Electrical)	237.00
1320	ELEC-8.1.85	1 No	Carpenter	258.00
1321	ELEC-8.1.86	1 No	Man Mazdoor	196.00
	9.1		WIRELESS FIRE ALARAM SYSTEM	
1322	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/Ravel/Honeywell/Secutron) Including transportation, all taxes and all labour charges etc complete.	37953.45
1323	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/Ravel/Honeywell/Secutron) Including transportation, all taxes and all labour charges etc complete.	8964.68

1	2	3		4	5
1324	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/ Ravel / Honeywell / Secutron) Including transportation, all taxes and all labour charges etc complete.	12551.40
1325	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. (Ceasefire/Ravel/Honeywell/Secutron) Including transportation, all taxes and all labour charges etc complete.	6275.70
	9.2			ADDRESSABLE - FIRE ALARM SYSTEM	0.00
1326	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 beeing 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	619875.00
1327	ELEC-9.2.2	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 beeing 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	448875.00

1	2	3	4	5
1328	ELEC-9.2.3	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 beeing 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	414675.00
1329	ELEC-9.2.4	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 beeing 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	277875.00
1330	ELEC-9.2.5	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 beeing 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	235125.00

1	2	3	4	5
1331	ELEC-9.2.6	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 beeing 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	213750.00
1332	ELEC-9.2.7	1 No	Supply, Installation, testing and commissioning of Repeater panel including the cost of mounting accessories complete as per specification as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	106875.00
1333	ELEC-9.2.8	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.	5771.25
1334	ELEC-9.2.9	1 No	Supply and instllation of addressable analog photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	5728.50
1335	ELEC-9.2.10	1 No	Supply of plug - in type in rate of rise cum fixed temparature addressable analogue 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	4552.88
1336	ELEC-9.2.11	1 No	Supply of plug - in type addressable analogue 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/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	5557.50
1337	ELEC-9.2.12	1 No	Supply of Control Modules including the cost of mounting accessories complete as per specifications and as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	4702.50
1338	ELEC-9.2.13	1 No	Supply of monitor modules including the cost of mounting accessories complete as per specifications and as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	4702.50
1339	ELEC-9.2.14	1 No	Supply of fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	3847.50
	9.3		CONVENTIONAL - FIRE ALARM SYSTEM	0.00
1340	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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	6412.50

1	2	3	4	5
1341	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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	7695.00
1342	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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	10687.50
1343	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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	12397.50
1344	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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	15817.50
1345	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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	17527.50
1346	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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	21375.00
1347	ELEC-9.3.8	1 No	Supply of Repeater panel including the cost of mounting accessories complete as per specifications and as required.(Makes: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)	10687.50
1348	ELEC-9.3.9	1 No	Supply of addressable wall / ceiling mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required.	577.13
1349	ELEC-9.3.10	1 No	Supply of dust and vermin proof addressable analogue manual call boxes to initiate audio visual alarm including the cost of mounting accessories complete as per specifications and as required.	555.75
1350	ELEC-9.3.11	1 No	Supply of plug - in type multi criterion detectors below false ceiling / on ceiling 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: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor.)	1539.00
1351	ELEC-9.3.12	1 No	Supply of plug -in type photoelectric smoke detectors above false ceiling 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: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor.)	1496.25
1352	ELEC-9.3.13	1 No	Supply 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: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor.)	1453.50
	9.4		FIRE EXTINGUISHERS	0.00

1	2	3	4	5
1353	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 / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	8107.97
1354	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 (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	5754.15
1355	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 / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	5544.68
1356	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 polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	3582.45
1357	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 polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	3727.80

1	2	3	4	5
1358	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 polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	2423.07
1359	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 Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, Insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	5961.92
1360	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 Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, ISI & EN approved with 2 years warranty(Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	4805.10
1361	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 polyster powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.(Makes: Ceasefire / Maxon / LPG)	12483.00
1362	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.	21973.50

1	2	3	4	5
1363	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 / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	8964.68
1364	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 (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	6720.30
1365	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/Reliance/Kenex)	1795.50
1366	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/Reliance/Kenex)	2650.50
1367	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/Reliance/Kenex)	3505.50
1368	ELEC-9.4.16	1 No	Supply and fixing of Escape signage boards in Rigid Photo luminecent based glow in Dark rigid sheet with high intensity luminous properties with specificaiton oif Cease Fire or its equivalent make Model-1ES01	1111.50
1369	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 Eupropean Standard EN 403 1993-S known to reduce Carbon Monoxide, propend(acrloein), hydrogen chloride, hydrogen Cyanide and Solid and liquid toxic particles to manageable level for atleast 15 minutes shall with stand tempeartures 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.	13509.00
1370	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 inblack out side & Handle with mounting bracket.	1026.00
1371	ELEC-9.4.19	1 Set	Supply anmd fixing of Fire bucket stand fabricated by M.S. angles to install for two numbers of buckets as per local fire officers standards.	855.00
1372	ELEC-9.4.20	1 Mtr	Supply and run of 2 Core x 1.5Sqmm FRLS armoured copper cable partly on wall and partly in ground including all labour charges etc., complete of Polycab / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art Makes.	66.69
1373	10.1		GENERATORS	

1	2	3		4	5
1374	ELEC-10.1.1	1	No	Supply, Transportation, erection and commissioning of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of 250 KVA / 200 KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete with control panel having IP-52 protection, Acoustic Enclosure made of 18 SWG CRCA sheet, sound absorbing material, rock wool, perforated sheet to restrict sound level up to 75 dB and as per PCB norms etc as per following specifications mentioned below.	1731375.00
				<u>A. Alternator</u> : Kirloskar / Stamford / Crompton Greaves 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.	0.00
				<u>B.Diesel Engine</u> : Kirloskar / Cummins / Ashok ley land / Mahindra Diesel Engine start, developing suitable 313 BHP output at 1500 RPM with class A2 Governing so as to enable the alternator to give 250 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. 01. Exhaust pipe of required size and length with insulation or clading. 02. Diesel tank suitable for 12 hrs running capacity. 03. Residential Silencer. 04. Battery with leads of 12V 180 AH 2Nos Batteries of Exide / Amar Raja make.	0.00
				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. 01. Voltmeter with selector switch. 02. 4 Pole MCCB incomer of 400A rating of Legrand make. 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 for low lube oil pressure. 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.	0.00

1	2	3	4	5
1375	ELEC-10.1.2	1 No	Supply, Transportation, erection and commissioning of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of 125 KVA / 100 KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete with control panel having IP-52 protection, Acoustic Enclosure made of 18 SWG CRCA sheet, sound absorbing material, rock wool, perforated sheet to restrict sound level up to 75 dB and as per PCB norms etc as per following specifications mentioned below.	694260.00
			<u>A.Alternator</u> : Kirloskar / Stamford / Crompton Greaves 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.	0.00
			<u>B.Diesel Engine</u> : Kirloskar / Cummins / Ashok ley land / Mahindra Diesel Engine start, developing suitable 156 BHP output at 1500 RPM with class A2 Governing so as to enable the alternator to give 125 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. 01. Exhaust pipe of required size and length with insulation or clading. 02. Diesel tank suitable for 12 hrs running capacity. 03. Residential Silencer. 04. Battery with leads of 12V 180 AH 2Nos Batteries of Exide / Amar Raja make.	0.00
			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. 01. Voltmeter with selector switch. 02. 4 Pole MCCB incomer of 200A rating of Legrand make. 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 for low lube oil pressure. 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.	0.00
1376	ELEC-10.1.3	1 No	Supply, Transportation, erection and commissioning of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of 62.5 KVA / 50 KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete with control panel having IP-52 protection, Acoustic Enclosure made of 18 SWG CRCA sheet, sound absorbing material, rock wool, perforated sheet to restrict sound level up to 75 dB and as per PCB norms etc as per following specifications mentioned below.	534375.00

1	2	3	4	5
			<p><u>A. Alternator</u> : Kirloskar / Stamford / Crompton Greaves 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>	
			<p><u>B.Diesel Engine</u> : Kirloskar / Cummins / Ashok ley land / Mahindra Diesel Engine start, developing suitable 78 BHP output at 1500 RPM with class A2 Governing so as to enable the alternator to give 62.5 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. 02. Diesel tank suitable for 12 hrs running capacity. 03. Residential Silencer. 04. Battery with leads of 12V 180 AH 2Nos Batteries of Exide / Amar Raja make.</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. 02. 4 Pole MCCB incomer of 125 A rating of Legrand make. 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 for low lube oil pressure. 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.</p>	