

Government of Telangana

Standard Schedule of Rates  
for the year 2016-17 with  
Embedded Tax Rates for the  
materials

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
<b>A</b>	<b>SECTION</b>	<b>BRICKS &amp; BUILDING BLOCKS</b>			
		<b>(Ex-quarry price - including material VAT, loading excluding cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>ORDINARY CLAY BRICKS</b>			
1	TBSC-A.I-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	Each	5.00	0.00
2	TBSC-A.I-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	Each	6.00	0.00
<b>II</b>	<b>SUB-SECTION</b>	<b>FLY-ASH CEMENT/LIME SOLID BLOCKS</b>			
3	TBSC-A.II-01	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	25.00	0.00
4	TBSC-A.II-02	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	23.00	0.00
5	TBSC-A.II-03	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	20.00	0.00
6	TBSC-A.II-04	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	14.00	0.00
7	TBSC-A.II-05	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	7.00	0.00
8	TBSC-A.II-06	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	15.00	0.00
9	TBSC-A.II-07	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	12.00	0.00
10	TBSC-A.II-08	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	24.00	0.00
11	TBSC-A.II-09	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	19.00	0.00
12	TBSC-A.II-10	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	20.00	0.00
13	TBSC-A.II-11	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	11.00	0.00
14	TBSC-A.II-12	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	5.00	0.00

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15	TBSC-A.II-13	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	12.00	0.00
16	TBSC-A.II-14	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	11.00	0.00
<b>III</b>	<b>SUB-SECTION</b>	<b>AUTOCLAVED CONCRETE BLOCKS</b>			
17	TBSC-A.III-01	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 100 mm	Each	56.00	19.15
18	TBSC-A.III-02	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 150 mm	Each	82.00	18.84
19	TBSC-A.III-03	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 200 mm	Each	110.00	18.28
20	TBSC-A.III-04	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 230 mm	Each	125.00	17.92
<b>B</b>	<b>SECTION</b>	<b>NATURAL FLOORING STONES</b>			
		<b>(Ex-quarry price - including material VAT, loading excluding cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>LOCALLY AVAILABLE FLOORING STONES</b>			
21	TBSC-B.I-01	Shahabad /Tandur Rough Stone slabs of all sizes up to 25 mm in thickness	1 Sqm	96.00	5.49
22	TBSC-B.I-02	Shahabad / Tandur Rough Stone slabs of all sizes between 25 mm - 40 mm thickness	1 Sqm	124.00	5.08
23	TBSC-B.I-03	Polished Shahabad/ Tandur stone slabs of all sizes between 15 - 18 mm thickness	1 Sqm	165.00	5.10
24	TBSC-B.I-04	Kadapa slabs of 40 mm thick of all sizes	1 Sqm	96.00	5.49
25	TBSC-B.I-05	Kadapa slabs of 50 mm thick of all sizes	1 Sqm	110.00	4.76
26	TBSC-B.I-06	Polished black Kadapa slabs of all sizes between 15 - 18 mm thickness	1 Sqm	138.00	5.34
27	TBSC-B.I-07	Polished black Kadapa slabs of all sizes between 25 - 30 mm thickness	1 Sqm	165.00	5.10
28	TBSC-B.I-08	Polished White Bethamcherla (marble type) stone of all sizes and between 22-25 mm thickness	1 Sqm	386.00	4.89
29	TBSC-B.I-09	Polished Coloured Bethamcherla (marble type) stone of all sizes and between 22-25 mm thickness	1 Sqm	276.00	4.94

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<b>II</b>	<b>SUB-SECTION</b>	<b>NATURAL FLOORING STONES - MARBLE</b>			
30	TBSC-B.II-01	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	729.00	14.44
31	TBSC-B.II-02	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	589.00	14.59
32	TBSC-B.II-03	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	999.00	14.56
33	TBSC-B.II-04	Polished Marble Tiles of 8 - 10 mm thickness of all sizes and varieties	1 Sqm	476.00	14.42
<b>III</b>	<b>SUB-SECTION</b>	<b>NATURAL FLOORING STONES - GRANITE</b>			
34	TBSC-B.III-01	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black/ premium colours	1 Sqm	3,438.00	14.49
35	TBSC-B.III-02	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black and regular colours	1 Sqm	2,988.00	14.48
36	TBSC-B.III-03	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) black	1 Sqm	2,540.00	14.52
37	TBSC-B.III-04	Granite stone tiles 8 mm thick (mirror polished of all shades)	1 Sqm	1,165.00	14.55
<b>C</b>	<b>SECTION</b>	<b>WALL &amp; FLOOR TILES</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>NON-PORCELAIN CERAMIC FLOOR TILES</b>			
38	TBSC-C.I-01	Supply of Non-skid red or white full body Ceramic floor tiles of size 300 x 300 mm and thickness between 7-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	450.00	28.94
39	TBSC-C.I-02	Supply of Non-skid red or white full body Ceramic floor tiles of size 400 x 400 mm and thickness between 7-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	530.00	28.95
40	TBSC-C.I-03	Supply of Non-skid red or white full body Ceramic floor tiles of size 600 x 600 mm and thickness between 8-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	550.00	28.81
41	TBSC-C.I-04	Supply of Non-skid red or white full body Ceramic floor tiles of scratch free-stain free and scratch free-nano finish of size 600 x 600 mm and thickness between 8-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	630.00	28.83
<b>II</b>	<b>SUB-SECTION</b>	<b>PORCELAIN VITRIFIED FLOOR TILES</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
42	TBSC-C.II-01	Supply of ordinary soluble salt porcelain vitrified tiles screen printed and polished of size 400 x 400 mm and thickness between 8-9 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	530.00	28.95
43	TBSC-C.II-02	Supply of soluble salt porcelain vitrified tiles screen printed and polished of size 600 x 600 mm and thickness between 8-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	600.00	28.76
44	TBSC-C.II-03	Supply of Nano polished /stain free soluble salt porcelain vitrified tiles screen printed of size 600 x 600 mm and thickness between 8-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	550.00	28.81
45	TBSC-C.II-04	Supply of Nano polished soluble salt porcelain vitrified tiles screen printed of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,123.00	28.78
46	TBSC-C.II-05	Supply of Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 600 x 600 mm and thickness between 8-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	940.00	28.77
47	TBSC-C.II-06	Supply of Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,200.00	28.76
48	TBSC-C.II-07	Supply of Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of size 1000 x 1000 mm and thickness between 12-15 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,522.00	28.76

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
49	TBSC-C.II-08	Supply of digital / polished glazed full body porcelain vitrified tiles with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and of size 800 x 800 mm and thickness between 9-11 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,039.00	28.75
50	TBSC-C.II-09	Supply of digital / polished glazed full body porcelain vitrified tiles with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and of size 900 x 900 mm and thickness between 9-11 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,274.00	28.82
51	TBSC-C.II-10	Supply of digital / polished glazed full body porcelain vitrified tiles with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and of size 1000 x 1000 mm and thickness between 12-15 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,500.00	28.87
52	TBSC-C.II-11	Supply of digital / polished glazed full body porcelain vitrified tiles with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and of size 1200 x 600 mm and thickness between 12-15 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,200.00	28.76
53	TBSC-C.II-12	Supply of full body heavy duty industrial variety porcelain vitrified tile of size 300 x 300 / 200 x 100 mm and thickness between 10-12 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	800.00	28.82
54	TBSC-C.II-13	Supply of full body heavy duty industrial variety / tact porcelain vitrified tile of size 300 x 300 / 200 x 100 mm and thickness between 12-15 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,210.00	28.86

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55	TBSC-C.II-14	Supply of full body heavy duty industrial variety porcelain vitrified tile of size 300 x 300 / 200 x 100 mm and thickness between 18-20 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,390.00	28.82
56	TBSC-C.II-15	Supply of full body heavy duty industrial variety porcelain vitrified tile of size 400 x 400 mm and thickness between 10 -12 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	550.00	28.81
57	TBSC-C.II-16	Supply of full body heavy duty industrial variety porcelain vitrified tile of size 600 x 600 mm and thickness between 10 - 12 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,391.00	28.80
<b>III</b>	<b>SUB-SECTION</b>	<b>CERAMIC WALL TILES</b>			
58	TBSC-C.III-01	Supply of glazed red or white full body ceramic wall tiles of size 200 x 300 mm / 245 mm x 325 mm and thickness 6 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	660.00	28.91
59	TBSC-C.III-02	Supply of glazed red or white full body ceramic wall tiles of size 300 x 450 mm / 320 mm x 400 mm and thickness 6 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	730.00	28.75
60	TBSC-C.III-03	Supply of glazed red or white full body ceramic wall tiles of size 300 x 600 mm and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	815.00	28.75
<b>IV</b>	<b>SUB-SECTION</b>	<b>PORCELAIN WALL TILES</b>			
61	TBSC-C.IV-01	Supply of glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	691.00	28.92

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62	TBSC-C.IV-02	Supply of digital / polished glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	691.00	28.92
63	TBSC-C.IV-03	Supply of digital / polished glazed full body porcelain highlighter wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	795.00	28.85
64	TBSC-C.IV-04	Supply of screen printed glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	800.00	28.82
65	TBSC-C.IV-05	Supply of glazed full body porcelain wall tiles of size 400 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	986.00	28.89
66	TBSC-C.IV-06	Supply of glazed full body porcelain wall tiles of size 600 x 800 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 7-9 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,134.00	28.86
67	TBSC-C.IV-07	Supply of glazed full body porcelain premium plain design highlighter combination floor and wall tiles set with floor tiles of thickness 14-16 mm and wall tiles of thickness 8-10 mm but excluding highlighters 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,213.00	28.77



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68	TBSC-C.IV-08	Supply of glazed full body porcelain premium plain design highlighter combination floor and wall tiles set with floor tiles of thickness 14-16 mm and wall tiles of thickness 8-10 mm but including highlighters 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	1,243.00	28.81
69	TBSC-C.IV-09	Providing and fixing wall dado with epoxy emulsion grout/ synthetic/ resin based adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles	1 Sqm	331.00	25.38
70	TBSC-C.IV-10	Providing and fixing wall dado with cement based adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles	1 Sqm	167.00	25.56
71	TBSC-C.IV-11	Providing and fixing flooring with full depth jointing and pointing to the Vitrified/ Ceramic Tile flooring in specified thick for tiles of any sizes with epoxy emulsion grout/ synthetic / resin adhesive in width of 3-5 mm with Nylon spacers excluding cost of tiles.	1 Sqm	349.00	25.09
72	TBSC-C.IV-12	Providing and fixing flooring with full depth jointing and pointing to the Vitrified/ Ceramic Tile flooring in specified thick for tiles of any sizes with cement based adhesive in width of 3-5 mm with Nylon spacers excluding cost of tiles .	1 Sqm	176.00	24.82
73	TBSC-C.IV-13	Providing and fixing flooring with full depth jointing and pointing to the Marble/ Granite flooring for any sizes with epoxy emulsion grout/ synthetic / resin based adhesive in width of 3-5 mm excluding cost of tiles.	1 Sqm	698.00	25.31
74	TBSC-C.IV-14	Providing and fixing flooring with full depth jointing and pointing to the Marble/ Granite flooring for any sizes with cement based adhesive in width of 3-5 mm excluding cost of tiles.	1 Sqm	352.00	25.27
<b>V</b>	<b>SUB-SECTION</b>	<b>GLASS MOSAIC TILES</b>			
75	TBSC-C.V-01	Supply of glazed full body glass mosaic tiles of 20 x 20 x 4 mm thick in specified pattern 1st Quality of any colour and design	1 Sqm	1,310.00	28.81
76	TBSC-C.V-02	Providing Glass Mosaic tiles using specified pattern fixing in specified thick epoxy emulsion grout of epoxy resins and filler powder of approved colour grout including all taxes excluding cost of tiles	1 Sqm	294.00	25.11
77	TBSC-C.V-03	Providing Glass Mosaic tiles using specified pattern fixing in specified thick cementitious powder mix cement grout and approved colour grout including all taxes excluding cost of tiles	1 Sqm	113.00	25.56
<b>VI</b>	<b>SUB-SECTION</b>	<b>WALL CLADDING TILES</b>			

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78	TBSC-C.VI-01	Supply of glazed full body porcelain tiles for external cladding purposes of any size and thickness between 6-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	750.00	28.87
79	TBSC-C.VI-02	Supply of glazed red or white full body ceramic tiles for external cladding purposes of any size and thickness between 5-7 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	430.00	28.74
80	TBSC-C.VI-03	Supply of glazed red or white full body ceramic tiles for external cladding purposes of any size and thickness between 10-12 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	447.00	28.82
81	TBSC-C.VI-04	Supply of glazed red or white full body ceramic tiles for external cladding purposes of any size and thickness between 18-20 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	572.00	28.83
<b>VII</b>	<b>SUB-SECTION</b>	<b>TERRAZZO FLOOR TILES (PLAIN &amp; CHEQURED)</b>			
82	TBSC-C.VII-01	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	288.00	28.57
83	TBSC-C.VII-02	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	306.00	28.57
84	TBSC-C.VII-03	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	314.00	28.69
<b>VIII</b>	<b>SUB-SECTION</b>	<b>CEMENT CONCRETE FLOOR TILES (PLAIN &amp; CHEQUERED)</b>			
85	TBSC-C.VIII-01	Supplying plain Cement Concrete general purpose tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 20 mm of any shades.	1 Sqm	270.00	28.57

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86	TBSC-C.VIII-02	Supplying Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 20 mm of any shades.	1 Sqm	284.00	29.09
87	TBSC-C.VIII-03	Supplying plain Cement Concrete general purpose tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 25 mm of any shades.	1 Sqm	288.00	28.57
88	TBSC-C.VIII-04	Supplying Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 25 mm of any shades.	1 Sqm	302.00	29.06
89	TBSC-C.VIII-05	Supplying plain Cement Concrete general purpose tiles conforming to IS: 13801 using aggregates, cement, pigments of size 400 x 400 mm and thickness 25 mm of any shades.	1 Sqm	314.00	28.69
90	TBSC-C.VIII-06	Supplying Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 400 x 400 mm and thickness 25 mm of any shades.	1 Sqm	330.00	28.91
91	TBSC-C.VIII-07	Supply of high strength Cement Concrete plain Step tiles with edge half rounded and grooved conforming to IS: 13801 using aggregates, cement, pigments of regular colour, design and of 25 mm thickness	1 Sqm	471.00	28.69
92	TBSC-C.VIII-08	Supply of high strength Cement Concrete terrazzo/pre-polished/ chequered Step tiles with edge rounded and grooved conforming to IS: 13801 using aggregates, cement, pigments of any premium colour, design and of 25 mm thickness	1 Sqm	495.00	28.91
<b>IX</b>	<b>SUB-SECTION</b>	<b>PRE-CAST CONCRETE BLOCKS FOR PAVING</b>			
93	TBSC-C.IX-01	Supply of precast concrete blocks for paving of M-30 grade and thickness not less than 50 mm for Non-traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	335.00	28.85
94	TBSC-C.IX-02	Supply of precast concrete blocks for paving of M-35 grade and thickness not less than 60 mm for Light traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	362.00	28.83
95	TBSC-C.IX-03	Supply of precast concrete blocks for paving of M-40 grade and thickness not less than 80 mm for Medium traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	518.00	28.86

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
96	TBSC-C.IX-04	Supply of precast concrete blocks for paving of M-50 grade and thickness not less than 100 mm for Heavy traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	571.00	28.89
97	TBSC-C.IX-05	Supply of precast concrete blocks for paving of M-55 grade and thickness not less than 120 mm for very heavy traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	649.00	28.77
98	TBSC-C.IX-06	Labour charges for laying & fixing of precast concrete blocks for paving of all grades, any thickness, all sizes & shapes including all labour charges for loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm	207.00	0.00
<b>X</b>	<b>SUB-SECTION</b>	<b>VINYL FLOORING</b>			
99	TBSC-C.X-01	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	850.00	18.06
100	TBSC-C.X-02	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	582.00	18.05
101	TBSC-C.X-03	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	421.00	18.26
<b>D</b>	<b>SECTION</b>	<b>TIMBER &amp; ROOFING MATERIALS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
		<b>Note: Before proposing the Teak Wood Items, the estimating authorities shall obtain prior approval from the competent authority</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>MEDIUM TEAK WOOD</b>			
102	TBSC-D.I-01	Medium Teak Wood scantlings: up to 2.0 M	1 cum	80,094.00	14.50
103	TBSC-D.I-02	Medium Teak Wood scantlings: 2.0 to 3.0 M	1 cum	88,994.00	14.50
104	TBSC-D.I-03	Medium Teak Wood scantlings: above 3.0 M	1 cum	97,894.00	14.50
105	TBSC-D.I-04	Medium Teak Wood Planks: any thickness	1 cum	160,189.00	14.50
<b>II</b>	<b>SUB-SECTION</b>	<b>BEST TEAK WOOD</b>			
106	TBSC-D.II-01	Best Teak Wood scantlings: up to 2.0 M	1 cum	137,941.00	14.50

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
107	TBSC-D.II-02	Best Teak Wood scantlings: 2.0 to 3.0 M	1 cum	146,840.00	14.50
108	TBSC-D.II-03	Best Teak Wood scantlings: above 3.0 M	1 cum	155,740.00	14.50
109	TBSC-D.II-04	Best Teak Wood Planks: any thickness	1 cum	173,539.00	14.50
<b>III</b>	<b>SUB-SECTION</b>	<b>BURMA TEAK WOOD</b>			
110	TBSC-D.III-01	Burma Teak Wood scantlings: up to 2.0 M	1 cum	189,545.00	14.50
111	TBSC-D.III-02	Burma Teak Wood scantlings: 2.0 to 3.0 M	1 cum	194,959.00	14.50
112	TBSC-D.III-03	Burma Teak Wood scantlings: above 3.0 M	1 cum	205,056.00	14.50
113	TBSC-D.III-04	Burma Teak Wood Planks: any thickness	1 cum	222,040.00	14.50
<b>IV</b>	<b>SUB-SECTION</b>	<b>ASSAM TEAK WOOD</b>			
114	TBSC-D.IV-01	Assam Teak Wood scantlings: any length	1 cum	50,812.00	14.50
115	TBSC-D.IV-02	Assam Teak Wood Planks: any thickness	1 cum	73,679.00	14.50
<b>V</b>	<b>SUB-SECTION</b>	<b>SAL/ COUNTRY WOOD</b>			
116	TBSC-D.V-01	Sal Wood scantlings: any length	1 cum	49,394.00	14.50
117	TBSC-D.V-02	Sal Wood Planks: any thickness	1 cum	65,861.00	14.50
<b>VI</b>	<b>SUB-SECTION</b>	<b>ROOFING MATERIAL</b>			
118	TBSC-D.VI-01	A.C sheet Corrugated 6 mm thick	1 Sqm	222.00	29.07
119	TBSC-D.VI-02	A.C sheet plain 4 m thick	1 Sqm	159.00	29.27
120	TBSC-D.VI-03	A.C sheet plain 6 m thick	1 Sqm	165.00	28.91
121	TBSC-D.VI-04	Plain or Corrugated Galvanized iron sheets as per IS 277 (0.1 mm to 0.8 mm thickness)	1 kg	60.00	17.65
122	TBSC-D.VI-05	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	456.00	18.13
123	TBSC-D.VI-06	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	445.00	18.04
124	TBSC-D.VI-07	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	400.00	17.99

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
125	TBSC-D.VI-08	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	376.00	18.24
126	TBSC-D.VI-09	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	307.00	18.08
127	TBSC-D.VI-10	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	274.00	18.10
128	TBSC-D.VI-11	Supply of UV resistant multi-wall polycarbonate sheets for roofing of any colour - 6 mm thick	1 Sqm	1,290.00	18.13
129	TBSC-D.VI-12	Aluminium universal glazing set 40 mm wide for jointing and fixing polycarbonate sheets	1 RM	128.00	18.52
130	TBSC-D.VI-13	75 mm long screws -	1 Each	4.00	33.33
131	TBSC-D.VI-14	G.I scam bolts & nuts	1 Each	5.00	25.00
132	TBSC-D.VI-15	G.I bolts & nuts	1 Each	5.00	25.00
133	TBSC-D.VI-16	G.I 'J' bolts 8 mm Diameter	1 Each	10.00	25.00
134	TBSC-D.VI-17	G.I Washers	1 Each	1.00	0.00
135	TBSC-D.VI-18	Limpet washers (for scam & 'J' bolts)	1 Each	1.00	0.00
136	TBSC-D.VI-19	Bitumen washers	1 Each	1.00	0.00
<b>E</b>	<b>SECTION</b>	<b>STEEL MATERIALS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>MILD STEEL MATERIALS</b>			
137	TBSC-E.I-01	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 50 mm Diameter 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 Spec: 1108	1 Sqm	3,576.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
138	TBSC-E.I-02	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 Diameter 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 Spec 1105	1 Sqm	3,129.00	25.21
139	TBSC-E.I-03	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	146.00	17.74
140	TBSC-E.I-04	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	146.00	17.74
141	TBSC-E.I-05	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	146.00	17.74
142	TBSC-E.I-06	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	200.00	18.34
143	TBSC-E.I-07	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	200.00	18.34
144	TBSC-E.I-08	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	200.00	18.34
145	TBSC-E.I-09	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	228.00	18.13
146	TBSC-E.I-10	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	228.00	18.13
147	TBSC-E.I-11	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	228.00	18.13
148	TBSC-E.I-12	Rabbit wire mesh (chicken mesh) of not less than 30 gauge	1 Sqm	17.00	21.43
149	TBSC-E.I-13	Country Nails	1 Kg	61.00	5.17
150	TBSC-E.I-14	Wire Nails	1 Kg	61.00	5.17
151	TBSC-E.I-15	Mild Steel Tubes & pipes of all Diameters as per IS-1161	1 Kg	61.00	17.31
<b>II</b>	<b>SUB-SECTION</b>	<b>GALVANIZED STEEL MATERIALS</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
152	TBSC-E.II-01	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type A - IOWA Type Designation as per standard specification	1 Kg	82.00	18.84
153	TBSC-E.II-02	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type B - Glidden Type Designation as per standard specification	1 Kg	82.00	18.84
154	TBSC-E.II-03	Galvanized Iron fly proof wire mesh of not less than 20 gauge	1 Sqm	217.00	17.93
155	TBSC-E.II-04	Hot dipped Galvanized 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	477.00	18.07
156	TBSC-E.II-05	Hot dipped Galvanized 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	378.00	18.13
157	TBSC-E.II-06	Hot dipped Galvanized 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	322.00	17.95
158	TBSC-E.II-07	Hot dipped Galvanized 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	239.00	18.32
159	TBSC-E.II-08	Hot dipped Galvanized 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	575.00	18.07
160	TBSC-E.II-09	Hot dipped Galvanized 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	477.00	18.07
161	TBSC-E.II-10	Hot dipped Galvanized 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	393.00	18.02
162	TBSC-E.II-11	Hot dipped Galvanized 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	307.00	18.08
<b>III</b>	<b>SUB-SECTION</b>	<b>STAINLESS STEEL MATERIALS</b>			
163	TBSC-E.III-01	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & Diameters for - 304 Grade	1 Kg	391.00	18.13
164	TBSC-E.III-02	Stainless steel fly proof wire mesh of not less than 20 gauge	1 Sqm	527.00	18.16
<b>F</b>	<b>SECTION</b>	<b>GLASS MATERIALS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>PLAIN GLASS PANES</b>			
165	TBSC-F.I-01	Plain Float Glass 4 mm thick	1 Sqm	441.00	28.95
166	TBSC-F.I-02	Plain Float Glass 5 mm thick	1 Sqm	558.00	28.87
167	TBSC-F.I-03	Plain Float Glass 6 mm thick	1 Sqm	693.00	28.81
168	TBSC-F.I-04	Plain Float Glass 8 mm thick	1 Sqm	932.00	28.73
169	TBSC-F.I-05	Plain Float Glass 10 mm thick	1 Sqm	981.00	28.74
170	TBSC-F.I-06	Plain Float Glass 12 mm thick	1 Sqm	1,177.00	28.77
<b>II</b>	<b>SUB-SECTION</b>	<b>PIN HEADED GLASS PANES</b>			



S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
171	TBSC-F.II-01	Pin headed Glass 4 mm thick	1 Sqm	331.00	28.79
172	TBSC-F.II-02	Pin headed Glass 5 mm thick	1 Sqm	430.00	28.74
<b>III</b>	<b>SUB-SECTION</b>	<b>TINTED GLASS PANES</b>			
173	TBSC-F.III-01	Tinted - Bronze/ Green Glass 4 mm thick	1 Sqm	515.00	28.75
174	TBSC-F.III-02	Tinted - Bronze/ Green Glass 5 mm thick	1 Sqm	644.00	28.80
175	TBSC-F.III-03	Tinted - Bronze/ Green Glass 6 mm thick	1 Sqm	772.00	28.88
176	TBSC-F.III-04	Tinted - Bronze/ Green Glass 8 mm thick	1 Sqm	1,104.00	28.82
177	TBSC-F.III-05	Tinted - Bronze/ Green Glass 10 mm thick	1 Sqm	1,287.00	28.83
178	TBSC-F.III-06	Tinted - Bronze/ Green Glass 12 mm thick	1 Sqm	1,546.00	28.83
<b>IV</b>	<b>SUB-SECTION</b>	<b>FROSTED/ GROUND GLASS PANES</b>			
179	TBSC-F.IV-01	Frosted / Ground Glass 4 mm thick	1 Sqm	594.00	28.85
180	TBSC-F.IV-02	Frosted / Ground Glass 5 mm thick	1 Sqm	747.00	28.79
<b>V</b>	<b>SUB-SECTION</b>	<b>TOUGHENED GLASS PANES</b>			
181	TBSC-F.V-01	Toughened Plain Glass 5 mm (including Glass)	1 Sqm	895.00	28.78
182	TBSC-F.V-02	Toughened Plain Glass 6 mm (including Glass)	1 Sqm	1,034.00	28.77
183	TBSC-F.V-03	Toughened Plain Glass 8 mm (including Glass)	1 Sqm	1,379.00	28.76
184	TBSC-F.V-04	Toughened Plain Glass 10 mm (including Glass)	1 Sqm	1,653.00	28.84
185	TBSC-F.V-05	Toughened Plain Glass 12 mm (including Glass)	1 Sqm	1,929.00	28.77
<b>G</b>	<b>SECTION</b>	<b>PAINTS &amp; POLISHES</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>PRIMERS, FILLERS &amp; BASES</b>			
186	TBSC-G.I-01	Supply of water based Cement Primer of Interior Grade-1	1 Kg	165.00	28.91
187	TBSC-G.I-02	Supply of water based Cement Primer of Exterior Grade-2	1 Kg	210.00	28.83
188	TBSC-G.I-03	Supply of wall putty of White Cement or Polymer or Cement based	1 Kg	45.00	28.57
189	TBSC-G.I-04	Acrylic spray plaster in paste form made with specially selected inert mineral fillers, antifungal agents to protect the material the acrylic binding medium used gives good surface adhesion any grade	1 Kg	70.00	29.63
190	TBSC-G.I-05	Supply of Red Oxide Primer Paint for iron works of Grade -1	1 Liter	142.00	29.09
191	TBSC-G.I-06	Supply of Zinc Chromate Yellow Oxide Primer paint for iron works	1 Liter	204.00	29.11
192	TBSC-G.I-07	Supply of Wood Primer	1 Liter	158.00	28.46
193	TBSC-G.I-08	Supply of Metal paste (Putty) for steel works	1 Kg	158.00	28.46
194	TBSC-G.I-09	Supply of Putty for wood work (Powder chalk)	1 Kg	158.00	28.46
195	TBSC-G.I-10	Supply of White Lead	1 Kg	113.00	28.41
196	TBSC-G.I-11	Supply of Synthetic clear Varnish	1 Liter	158.00	28.46
197	TBSC-G.I-12	Supply of Spirit	1 Liter	111.00	29.07
198	TBSC-G.I-13	Supply of Linseed Oil	1 Liter	63.00	28.57
199	TBSC-G.I-14	Supply of thinner for melamine polish/ French polish	1 Liter	146.00	29.20
200	TBSC-G.I-15	Supply of thinner for Poly-urethane polish	1 Liter	299.00	28.88
201	TBSC-G.I-16	Supply of French Polish	1 Liter	207.00	28.57
202	TBSC-G.I-17	Supply of ready made Wax Polish	1 Kg	630.00	28.83

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
203	TBSC-G.I-18	Supply of wood adhesive compound	1 Kg	246.00	28.80
204	TBSC-G.I-19	Supply of anti-corrosive grade - 1 bitumen paint of black colour	1 Liter	569.00	28.73
<b>II</b>	<b>SUB-SECTION</b>	<b>LIME, DISTEMPERS &amp; CEMENT PAINTS</b>			
205	TBSC-G.II-01	Supply of paint grade lime for white / colour wash	1 Kg	24.00	20.00
206	TBSC-G.II-02	Supply of Dry Powder Distemper	1 Kg	47.00	30.56
207	TBSC-G.II-03	Supply of acrylic based Oil Bound washable Distemper	1 Kg	90.00	28.57
208	TBSC-G.II-04	Supply of Water proof Cement paint	1 Kg	55.00	27.91
<b>III</b>	<b>SUB-SECTION</b>	<b>EMULSION BASED PAINTS</b>			
209	TBSC-G.III-01	Supply of acrylic emulsion paint interior grade having VOC (Volatile Organic Compound ) content less than 50 grams/ liter.	1 Liter	214.00	28.92
210	TBSC-G.III-02	Supply of acrylic emulsion paint exterior grade with silicon additives having VOC (Volatile Organic Compound ) content less than 50 grams/ liter.	1 Liter	225.00	28.57
211	TBSC-G.III-03	Supply of acrylic emulsion paint weather proof water-based, modified acrylic with silicon additives exterior grade having VOC (Volatile Organic Compound ) content less than 50 grams/ liter.	1 Liter	248.00	28.50
<b>IV</b>	<b>SUB-SECTION</b>	<b>SOLVENT BASED PAINTS</b>			
212	TBSC-G.IV-01	Supply of solvent based latex paint having VOC (Volatile Organic Compound ) content less than 50 grams/ liter.	1 Liter	270.00	28.57
213	TBSC-G.IV-02	Supply of synthetic polymer luxury plastic emulsion / solvent based luster paint of superior grade having VOC (Volatile Organic Compound ) content less than 50 grams/ liter.	1 Liter	473.00	28.88
<b>V</b>	<b>SUB-SECTION</b>	<b>OIL BASED ENAMEL PAINTS</b>			
214	TBSC-G.V-01	Supply of ready mixed Synthetic Enamel paints in all shades Grade - I having VOC (Volatile Organic Compound ) content less than 50 grams/ liter.	1 Liter	276.00	28.97
215	TBSC-G.V-02	Supply of ready mixed Synthetic Enamel paints in all shades Grade - II having VOC (Volatile Organic Compound ) content less than 50 grams/ liter.	1 Liter	210.00	28.83
<b>VI</b>	<b>SUB-SECTION</b>	<b>TEXTURE PAINTS</b>			
216	TBSC-G.VI-01	Exterior grade Texture ready mixed paint with sand texture added sand particles Acrylic copolymers and mineral compounds, bactericides and various additives.	1 Kg	40.00	29.03
217	TBSC-G.VI-02	Exterior grade Texture ready mixed plaster made with natural minerals - granite flakes/ marble flakes/ powder, sand and other carefully selected and sieved minerals in an acrylic binding medium	1 Kg	52.00	30.00
<b>VII</b>	<b>SUB-SECTION</b>	<b>SPECIAL PAINTS</b>			
218	TBSC-G.VII-01	Supply of Melamine Polish	1 Liter	349.00	28.78

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
219	TBSC-G.VII-02	Supply of Interior Grade Poly-Urethane Polish	1 Liter	710.00	28.86
220	TBSC-G.VII-03	Supply of Exterior Grade Poly-Urethane Polish	1 Liter	868.00	28.78
221	TBSC-G.VII-04	Supply of grade-1 aluminium paint	1 Liter	284.00	29.09
<b>H</b>	<b>SECTION</b>	<b>PARTICLE BOARDS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>MELAMINE FACED PLAIN PARTICLE BOARD</b>			
222	TBSC-H.I-01	Melamine faced Single Deco Plain Particle Board- 8 mm thick conforming to IS 3129	1 Sqm	676.00	28.76
223	TBSC-H.I-02	Melamine faced Single Deco Plain Particle Board- 12 mm thick conforming to IS 3129	1 Sqm	767.00	28.91
224	TBSC-H.I-03	Melamine faced Single Deco Plain Particle Board- 18 mm thick conforming to IS 3129	1 Sqm	889.00	28.84
225	TBSC-H.I-04	Melamine faced Single Deco Plain Particle Board- 25 mm thick conforming to IS 3129	1 Sqm	1,007.00	28.77
226	TBSC-H.I-05	Melamine faced Single Deco Plain Particle Board- 35 mm thick conforming to IS 3129	1 Sqm	1,675.00	28.85
227	TBSC-H.I-06	Melamine faced Twin Deco Plain Particle Board- 8 mm thick conforming to IS 3129	1 Sqm	778.00	28.81
228	TBSC-H.I-07	Melamine faced Twin Deco Plain Particle Board- 12 mm thick conforming to IS 3129	1 Sqm	889.00	28.84
229	TBSC-H.I-08	Melamine faced Twin Deco Plain Particle Board-18 mm thick conforming to IS 3129	1 Sqm	1,028.00	28.82
230	TBSC-H.I-09	Melamine faced Twin Deco Plain Particle Board-25 mm thick conforming to IS 3129	1 Sqm	1,139.00	28.85
231	TBSC-H.I-10	Melamine faced Twin Deco Plain Particle Board-35 mm thick conforming to IS 3129	1 Sqm	2,140.00	28.84
<b>II</b>	<b>SUB-SECTION</b>	<b>INSULATING PARTICLE BOARDS</b>			
232	TBSC-H.II-01	Natural Colour-Insulating Board - 12 mm thick conforming to IS 3348	1 Sqm	252.00	28.57
233	TBSC-H.II-02	Natural Colour-Insulating Board - 18 mm thick conforming to IS 3348	1 Sqm	372.00	28.72
234	TBSC-H.II-03	Natural Colour-Insulating Board - 25 mm thick conforming to IS 3348	1 Sqm	474.00	28.80
235	TBSC-H.II-04	White Insulating Board - 12 mm thick conforming to IS 3348	1 Sqm	307.00	28.99
236	TBSC-H.II-05	White Insulating Board - 18 mm thick conforming to IS 3348	1 Sqm	439.00	28.74
237	TBSC-H.II-06	White Insulating Board - 25 mm thick conforming to IS 3348	1 Sqm	390.00	28.71
<b>III</b>	<b>SUB-SECTION</b>	<b>MEDIUM DENSITY FIBRE BOARDS</b>			
238	TBSC-H.III-01	Medium Fibre Board: Interior Grade - 6 mm thick conforming to IS 15932	1 Sqm	411.00	28.84
239	TBSC-H.III-02	Medium Fibre Board: Interior Grade - 8 mm thick conforming to IS 15932	1 Sqm	466.00	28.73

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
240	TBSC-H.III-03	Medium Fibre Board: Interior Grade - 12 mm thick conforming to IS 15932	1 Sqm	624.00	28.93
241	TBSC-H.III-04	Medium Fibre Board: Interior Grade - 15 mm thick conforming to IS 15932	1 Sqm	793.00	28.73
242	TBSC-H.III-05	Medium Fibre Board: Interior Grade - 18 mm thick conforming to IS 15932	1 Sqm	885.00	28.82
243	TBSC-H.III-06	Medium Fibre Board: Interior Grade - 25 mm thick conforming to IS 15932	1 Sqm	1,257.00	28.79
244	TBSC-H.III-07	Medium Fibre Board: Interior Grade - 30 mm thick conforming to IS 15932	1 Sqm	1,519.00	28.84
245	TBSC-H.III-08	Medium Fibre Board: Interior Grade - 35 mm thick conforming to IS 15932	1 Sqm	1,657.00	28.85
246	TBSC-H.III-09	Medium Fibre Board: Exterior Grade - 6 mm thick conforming to IS 15932	1 Sqm	559.00	28.80
247	TBSC-H.III-10	Medium Fibre Board: Exterior Grade - 8 mm thick conforming to IS 15932	1 Sqm	651.00	28.91
248	TBSC-H.III-11	Medium Fibre Board: Exterior Grade - 12 mm thick conforming to IS 15932	1 Sqm	862.00	28.85
249	TBSC-H.III-12	Medium Fibre Board: Exterior Grade - 15 mm thick conforming to IS 15932	1 Sqm	1,083.00	28.78
250	TBSC-H.III-13	Medium Fibre Board: Exterior Grade - 18 mm thick conforming to IS 15932	1 Sqm	1,212.00	28.80
251	TBSC-H.III-14	Medium Fibre Board: Exterior Grade - 25 mm thick conforming to IS 15932	1 Sqm	1,616.00	28.76
252	TBSC-H.III-15	Medium Fibre Board: Exterior Grade - 30 mm thick conforming to IS 15932	1 Sqm	2,013.00	28.79
253	TBSC-H.III-16	Medium Fibre Board: Exterior Grade - 35 mm thick conforming to IS 15932	1 Sqm	2,378.00	28.82
254	TBSC-H.III-17	MDF Board: Plain-Interior - 9 mm thick conforming to IS 15932	1 Sqm	377.00	28.67
255	TBSC-H.III-18	MDF Board: Plain-Interior - 12 mm thick conforming to IS 15932	1 Sqm	428.00	28.92
256	TBSC-H.III-19	MDF Board: Plain-Interior - 18 mm thick conforming to IS 15932	1 Sqm	530.00	28.95
257	TBSC-H.III-20	MDF Board: Plain-Interior - 25 mm thick conforming to IS 15932	1 Sqm	637.00	28.69
258	TBSC-H.III-21	MDF Board: Plain-Interior - 30 mm thick conforming to IS 15932	1 Sqm	970.00	28.82
259	TBSC-H.III-22	MDF Board: Plain-Interior - 35 mm thick conforming to IS 15932	1 Sqm	1,147.00	28.88
260	TBSC-H.III-23	MDF Board: Plain-Exterior - 9 mm thick conforming to IS 15932	1 Sqm	493.00	28.72
261	TBSC-H.III-24	MDF Board: Plain-Exterior - 12 mm thick conforming to IS 15932	1 Sqm	530.00	28.95
262	TBSC-H.III-25	MDF Board: Plain-Exterior - 18 mm thick conforming to IS 15932	1 Sqm	696.00	28.89
263	TBSC-H.III-26	MDF Board: Plain-Exterior - 25 mm thick conforming to IS 15932	1 Sqm	873.00	28.76

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
264	TBSC-H.III-27	MDF Board: Plain-Exterior - 30 mm thick conforming to IS 15932	1 Sqm	1,147.00	28.88
265	TBSC-H.III-28	MDF Board: Plain-Exterior - 35 mm thick conforming to IS 15932	1 Sqm	1,323.00	28.82
266	TBSC-H.III-29	MDF Board: Interior-One Side Laminated -9 mm thick conforming to IS 15932	1 Sqm	591.00	28.76
267	TBSC-H.III-30	MDF Board: Interior-One Side Laminated -12 mm thick conforming to IS 15932	1 Sqm	668.00	28.71
268	TBSC-H.III-31	MDF Board: Interior-One Side Laminated -18 mm thick conforming to IS 15932	1 Sqm	777.00	28.86
269	TBSC-H.III-32	MDF Board: Interior-One Side Laminated -25 mm thick conforming to IS 15932	1 Sqm	873.00	28.76
270	TBSC-H.III-33	MDF Board: Interior-One Side Laminated -30 mm thick conforming to IS 15932	1 Sqm	1,262.00	28.78
271	TBSC-H.III-34	MDF Board: Interior-One Side Laminated -35 mm thick conforming to IS 15932	1 Sqm	1,346.00	28.80
272	TBSC-H.III-35	MDF Board: Exterior-One Side Laminated -9 mm thick conforming to IS 15932	1 Sqm	679.00	28.84
273	TBSC-H.III-36	MDF Board: Exterior-One Side Laminated -12 mm thick conforming to IS 15932	1 Sqm	762.00	28.72
274	TBSC-H.III-37	MDF Board: Exterior-One Side Laminated -18 mm thick conforming to IS 15932	1 Sqm	864.00	28.76
275	TBSC-H.III-38	MDF Board: Exterior-One Side Laminated -25 mm thick conforming to IS 15932	1 Sqm	1,010.00	28.83
276	TBSC-H.III-39	MDF Board: Exterior-One Side Laminated -30 mm thick conforming to IS 15932	1 Sqm	1,346.00	28.80
277	TBSC-H.III-40	MDF Board: Exterior-One Side Laminated -35 mm thick conforming to IS 15932	1 Sqm	1,430.00	28.83
278	TBSC-H.III-41	MDF Board: Interior-Both Side Laminated -9 mm thick conforming to IS 15932	1 Sqm	675.00	28.82
279	TBSC-H.III-42	MDF Board: Interior-Both Side Laminated -12 mm thick conforming to IS 15932	1 Sqm	762.00	28.72
280	TBSC-H.III-43	MDF Board: Interior-Both Side Laminated -18 mm thick conforming to IS 15932	1 Sqm	873.00	28.76
281	TBSC-H.III-44	MDF Board: Interior-Both Side Laminated -25 mm thick conforming to IS 15932	1 Sqm	1,097.00	28.76
282	TBSC-H.III-45	MDF Board: Interior-Both Side Laminated -30 mm thick conforming to IS 15932	1 Sqm	1,346.00	28.80
283	TBSC-H.III-46	MDF Board: Interior-Both Side Laminated -35 mm thick conforming to IS 15932	1 Sqm	1,430.00	28.83
284	TBSC-H.III-47	MDF Board: exterior-Both Side Laminated -9 mm thick conforming to IS 15932	1 Sqm	762.00	28.72
285	TBSC-H.III-48	MDF Board: exterior-Both Side Laminated -12 mm thick conforming to IS 15932	1 Sqm	863.00	28.81
286	TBSC-H.III-49	MDF Board: exterior-Both Side Laminated -18 mm thick conforming to IS 15932	1 Sqm	1,021.00	28.75
287	TBSC-H.III-50	MDF Board: exterior-Both Side Laminated -25 mm thick conforming to IS 15932	1 Sqm	1,116.00	28.87

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
288	TBSC-H.III-51	MDF Board: exterior-Both Side Laminated -30 mm thick conforming to IS 15932	1 Sqm	1,413.00	28.81
289	TBSC-H.III-52	MDF Board: exterior-Both Side Laminated -35 mm thick conforming to IS 15932	1 Sqm	1,515.00	28.83
<b>IV</b>	<b>SUB-SECTION</b>	<b>CEMENT BONDED PLAIN &amp; PARTICLE BOARDS</b>			
290	TBSC-H.IV-01	Cement Bonded Board conforming to IS:14862-2000 - 4mm Thick	1 Sqm	159.00	29.27
291	TBSC-H.IV-02	Cement Bonded Board conforming to IS:14862-2000 - 6mm Thick	1 Sqm	228.00	28.81
292	TBSC-H.IV-03	Cement Bonded Board conforming to IS:14862-2000 - 8mm Thick	1 Sqm	293.00	29.07
293	TBSC-H.IV-04	Cement Bonded Board conforming to IS:14862-2000 - 10mm Thick	1 Sqm	337.00	28.63
294	TBSC-H.IV-05	Cement Bonded Board conforming to IS:14862-2000 - 12mm Thick	1 Sqm	420.00	28.83
295	TBSC-H.IV-06	Cement Bonded Board conforming to IS:14862-2000 - 14mm Thick	1 Sqm	470.00	28.77
296	TBSC-H.IV-07	Cement Bonded Board conforming to IS:14862-2000 - 16mm Thick	1 Sqm	534.00	28.67
297	TBSC-H.IV-08	Cement Bonded Board conforming to IS:14862-2000 - 18mm Thick	1 Sqm	606.00	28.94
298	TBSC-H.IV-09	Cement Bonded Board conforming to IS:14862-2000 - 20mm Thick	1 Sqm	642.00	28.92
299	TBSC-H.IV-10	Cement bonded particle board conforming to IS 14276-6 mm thick	1 Sqm	248.00	28.50
300	TBSC-H.IV-11	Cement bonded particle board conforming to IS 14276- 8 mm thick	1 Sqm	334.00	28.96
301	TBSC-H.IV-12	Cement bonded particle board conforming to IS 14276-10 mm thick	1 Sqm	420.00	28.83
302	TBSC-H.IV-13	Cement bonded particle board conforming to IS 14276-12 mm thick	1 Sqm	511.00	28.72
303	TBSC-H.IV-14	Cement bonded particle board conforming to IS 14276-16 mm thick	1 Sqm	689.00	28.79
304	TBSC-H.IV-15	Cement bonded particle board conforming to IS 14276-20 mm thick	1 Sqm	829.00	28.73
305	TBSC-H.IV-16	Cement bonded particle board conforming to IS 14276-25 mm thick	1 Sqm	1,049.00	28.87
306	TBSC-H.IV-17	Cement bonded particle board conforming to IS 14276-30 mm thick	1 Sqm	1,259.00	28.86
307	TBSC-H.IV-18	Cement bonded particle board conforming to IS 14276-40 mm thick	1 Sqm	1,679.00	28.86
308	TBSC-H.IV-19	Pre-laminated cement bonded particle board-6 mm thick	1 Sqm	579.00	28.95
309	TBSC-H.IV-20	Pre-laminated cement bonded particle board-8 mm thick	1 Sqm	626.00	28.81
310	TBSC-H.IV-21	Pre-laminated cement bonded particle board- 10 mm thick	1 Sqm	672.00	28.74

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
311	TBSC-H.IV-22	Pre-laminated cement bonded particle board- 12 mm thick	1 Sqm	735.00	28.72
312	TBSC-H.IV-23	Pre-laminated cement bonded particle board- 16 mm thick	1 Sqm	817.00	28.86
313	TBSC-H.IV-24	50 mm thick SOLID WALL PANEL Sandwich panels made of light weight FRACC non-asbestos fibre reinforced cement concrete	1 Sqm	1,071.00	28.88
314	TBSC-H.IV-25	75 mm thick SOLID WALL PANEL Sandwich panels made of light weight FRACC non-asbestos fibre reinforced cement concrete	1 Sqm	1,285.00	28.76
<b>J</b>	<b>SECTION</b>	<b>PLYWOODS, LAMINATES &amp; VENEERS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>MOISTURE RESISTANT (MR) GRADE</b>			
315	TBSC-J.I-01	3 Ply - 4 mm thick Plywood conforming to IS:303 MR Grade	1 Sqm	407.00	28.80
316	TBSC-J.I-02	5 Ply - 6 mm thick Plywood conforming to IS:303 MR Grade	1 Sqm	449.00	28.65
317	TBSC-J.I-03	5 Ply - 8 mm thick Plywood conforming to IS:303 MR Grade	1 Sqm	528.00	28.78
318	TBSC-J.I-04	5 Ply - 9 mm thick Plywood conforming to IS:303 MR Grade	1 Sqm	528.00	28.78
319	TBSC-J.I-05	9 Ply - 12 mm thick Plywood conforming to IS:303 MR Grade	1 Sqm	662.00	28.79
320	TBSC-J.I-06	9 Ply - 15 mm thick Plywood conforming to IS:303 MR Grade	1 Sqm	975.00	28.80
321	TBSC-J.I-07	9 Ply - 18 mm thick Plywood conforming to IS:303 MR Grade	1 Sqm	956.00	28.84
<b>II</b>	<b>SUB-SECTION</b>	<b>BOILING WATER RESISTANT (BWR) GRADE</b>			
322	TBSC-J.II-01	3 Ply - 4 mm thick Plywood conforming to IS:303 BWR Grade	1 Sqm	465.00	28.81
323	TBSC-J.II-02	5 Ply - 6 mm thick Plywood conforming to IS:303 BWR Grade	1 Sqm	546.00	28.77
324	TBSC-J.II-03	5 Ply - 8 mm thick Plywood conforming to IS:303 BWR Grade	1 Sqm	680.00	28.79
325	TBSC-J.II-04	5 Ply - 9 mm thick Plywood conforming to IS:303 BWR Grade	1 Sqm	642.00	28.92
326	TBSC-J.II-05	9 Ply - 12 mm thick Plywood conforming to IS:303 BWR Grade	1 Sqm	839.00	28.88
327	TBSC-J.II-06	9 Ply - 15 mm thick Plywood conforming to IS:303 BWR Grade	1 Sqm	1,205.00	28.88
328	TBSC-J.II-07	9 Ply - 19 mm thick Plywood conforming to IS:303 BWR Grade	1 Sqm	1,209.00	28.75
<b>III</b>	<b>SUB-SECTION</b>	<b>VENEERED DECORATIVE PLYWOOD</b>			
329	TBSC-J.III-01	3 Ply-4 mm thick One side Teak Veneered Decorative Plywood conforming to IS:1328	1 Sqm	602.00	28.91
330	TBSC-J.III-02	5 Ply - 6 mm thick One side Teak Veneered Decorative Plywood conforming to IS:1328	1 Sqm	784.00	28.74

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
331	TBSC-J.III-03	5 Ply - 9 mm thick One side Teak Veneered Decorative Plywood conforming to IS:1328	1 Sqm	1,005.00	28.85
332	TBSC-J.III-04	9 Ply - 12 mm thick One side Teak Veneered Decorative Plywood conforming to IS:1328	1 Sqm	1,280.00	28.77
333	TBSC-J.III-05	5 Ply - 9 mm thick Both sides Teak Veneered Decorative Plywood conforming to IS:1328	1 Sqm	1,311.00	28.78
334	TBSC-J.III-06	9 Ply - 12 mm thick Both sides Teak Veneered Decorative Plywood conforming to IS:1328	1 Sqm	1,529.00	28.81
<b>IV</b>	<b>SUB-SECTION</b>	<b>LAMINATES</b>			
335	TBSC-J.IV-01	Melamine Laminate Sheets - Glossy Finish: 1.00 mm thick	1 Sqm	403.00	28.75
336	TBSC-J.IV-02	Melamine Laminate Sheets - Glossy Finish: 1.50 mm thick	1 Sqm	577.00	28.79
337	TBSC-J.IV-03	Melamine Laminate Sheets - Glossy Finish: 1.80 mm thick	1 Sqm	633.00	28.92
338	TBSC-J.IV-04	Melamine Laminate Sheets - Mat Finish: 1.00 mm thick	1 Sqm	428.00	28.92
339	TBSC-J.IV-05	Melamine Laminate Sheets - Mat Finish: 1.50 mm thick	1 Sqm	596.00	28.73
340	TBSC-J.IV-06	Melamine Laminate Sheets - Mat Finish: 1.80 mm thick	1 Sqm	643.00	28.86
<b>V</b>	<b>SUB-SECTION</b>	<b>COMMERCIAL VENEERS</b>			
341	TBSC-J.V-01	Teak Veneer Lamination of 4 mm thick with Pencil Grains conforming to IS 14315	1 Sqm	450.00	28.94
342	TBSC-J.V-02	Teak Veneer Lamination of 4 mm thick with Natural Grains conforming to IS 14315	1 Sqm	829.00	28.73
<b>K</b>	<b>SECTION</b>	<b>CEILINGs, WALL PARTITIONS &amp; WALL LININGS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>FALSE CEILINGs - TILES/ SHEETS</b>			
343	TBSC-K.I-01	Gypsum Board tiles of size not less than 0.595 M x 0.595 M of 12.5 mm thick as per IS 2095 -1992	1 Sqm	281.00	18.07
344	TBSC-K.I-02	Gypsum Board tiles of size not less than 0.595 M x 0.595 M of 9 mm thick as per IS 2095 -1992	1 Sqm	274.00	18.10
345	TBSC-K.I-03	Gypsum Board Plain sheet 12.5 mm thick as per IS 2095 -1993	1 Sqm	248.00	18.10
346	TBSC-K.I-04	DELETED			
347	TBSC-K.I-05	14 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	590.00	18.24
348	TBSC-K.I-06	15 mm - Mineral Fiber sheet 600 x 600 of Board / Tegular Edge tiles with a Humidity Resistance of 95% RH, Average NRC 0.50, Light Reflectance >85%, Thermal Conductivity $\lambda = 0.052$ to $0.057$ w/mk, Fire Performance Class 0/Class 1	1 Sqm	690.00	18.15



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
349	TBSC-K.I-07	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 >85%, Thermal Conductivity $\lambda = 0.052$ to $0.057$ w/mk, Fire Performance Class 0/Class 1	1 Sqm	743.00	18.12
350	TBSC-K.I-08	Designer ceiling Cement Boards -thickness 3.2 mm	1 Sqm	259.00	28.86
351	TBSC-K.I-09	High pressure steam cured Cement Boards 4 mm thick	1 Sqm	138.00	28.97
352	TBSC-K.I-10	High pressure steam cured Cement Boards 6 mm thick	1 Sqm	208.00	29.19
353	TBSC-K.I-11	High pressure steam cured Cement Boards 8 mm thick	1 Sqm	276.00	28.97
354	TBSC-K.I-12	High pressure steam cured Cement Boards 10 mm thick	1 Sqm	346.00	28.62
355	TBSC-K.I-13	High pressure steam cured Cement Boards 12 mm thick	1 Sqm	415.00	28.88
356	TBSC-K.I-14	High pressure steam cured Cement Boards 14 mm thick	1 Sqm	484.00	28.72
357	TBSC-K.I-15	High pressure steam cured Cement Boards 16 mm thick	1 Sqm	554.00	28.84
358	TBSC-K.I-16	High pressure steam cured Cement Boards 18 mm thick	1 Sqm	622.00	28.78
359	TBSC-K.I-17	High pressure steam cured Cement Boards 20 mm thick	1 Sqm	692.00	28.86
360	TBSC-K.I-18	High pressure steam cured designer Cement Boards 4 mm thick	1 Sqm	204.00	29.11
361	TBSC-K.I-19	High pressure steam cured designer Cement Boards 6 mm thick	1 Sqm	300.00	28.76
362	TBSC-K.I-20	Calcium Silicate Boards - 6mm thick	1 Sqm	230.00	28.49
363	TBSC-K.I-21	Calcium Silicate Boards - 8mm thick	1 Sqm	307.00	28.99
364	TBSC-K.I-22	Calcium Silicate Boards - 10mm thick	1 Sqm	385.00	28.76
365	TBSC-K.I-23	Calcium Silicate Boards - 12mm thick	1 Sqm	461.00	28.77
366	TBSC-K.I-24	Supply of Thermocol 12 mm thick sheets	1 Sqm	26.00	18.18
367	TBSC-K.I-25	Supply of Thermocol 19 mm thick sheets	1 Sqm	46.00	17.95
368	TBSC-K.I-26	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	441.00	16.05
369	TBSC-K.I-27	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	367.00	16.14

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
370	TBSC-K.I-28	Supply and fixing false ceiling using 8 mm thick Cement Bonded particle boards conforming to IS 14276 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 the cost is inclusive of necessary hardware, labor, one coat of primer (Both side) and two coats of smooth finish on visible side.	1 Sqm	1,257.00	16.07
371	TBSC-K.I-29	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 & drawing	1 Sqm	1,350.00	15.98
372	TBSC-K.I-30	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 250 mm with a wall thickness of 1mm ± 0.3mm with tongue and groove system, provided with necessary arrangements for electrical connections, complete, for finished item of work.	1 Sqm	1,498.00	16.03
373		15 mm - Micro Look Edge 600 x 600 of Board / Tegular/ Micro look Edge tiles with a Humidity Resistance of 95% RH, Average NRC 0.90, Light Reflectance >88%, Thermal Conductivity $\lambda = 0.032$ w/mk, Fire Performance Class 0/Class 1 suitable for Green Building application, with Recycled content of 88% (FG)	1 Sqm	1,547.00	18.09

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
374		16 mm - Tegular Edge 600 x 600 of Board / Tegular/ Micro look Edge tiles with a Humidity Resistance of 99% RH, Average NRC 0.55, Light Reflectance >84%, Thermal Conductivity $\lambda = 0.052$ to $0.057$ w/mk, Fire Performance Class 0/Class 1	1 Sqm	685.00	18.10
375		Providing & Fixing of Lay-in-metal plain ceiling System consisting of 600 x 600mm Lay in GI tiles of pre coated galvanised steel in 0.5 mm thickness in white colour to be laid on grid systems with 15mm wide T - section flanges but excluding cost of Grid systems complete for finished item of work	1 Sqm	746.00	16.02
376		Providing & Fixing of GI Lay in Standard Perforated(2.5mm diameter-16% open area) metal ceiling consisting of 600 x 600 mm Lay in tiles of pre coated galvanized steel in 0.5 mm thickness in Global white color acoustical fleece hot pressed to the back of the perforated tile to be laid on grid systems with 0.5 mm thickness in white colour with 15mm wide T - section flanges but excluding cost of Grid systems and having rotary stitching on the Main Runner, 1200 mm & 600 mm Cross Tees and the tiles with NRC of 0.70, Fire Performance of Class A2-s1.d0 as per EN13501 standard in module size of 600 X 600 mm suitable for Green Building application, with Recycled content of 25% complete for finished item of work	1 Sqm	1,069.00	16.07
<b>II</b>	<b>SUB-SECTION</b>	<b>FALSE CEILINGs - SECTIONS &amp; ACCESSORIES</b>			
377	TBSC-K.II-01	G.I. Ceiling Angle - 25 mm x 10 mm x 0.55 mm	1 RM	74.00	17.46
378	TBSC-K.II-02	G.I. Ceiling Section 51.5 mm x 26 mm x 10.5 mm x 0.55 mm thick	1 RM	85.00	18.06
379	TBSC-K.II-03	G.I. intermediate Section 45 mm x 15 mm x 15 mm x 0.9 mm	1 RM	84.00	18.31
380	TBSC-K.II-04	G.I. Perimeter Channel - 20 mm x 27 mm x 30 mm (web) of 0.55 mm thick	1 RM	74.00	17.46
381	TBSC-K.II-05	G.I.-Precoated Fine line Grid 25 mm x 25 mm x 0.7 mm	1 RM	41.00	17.14
382	TBSC-K.II-06	G.I.-Precoated Fine line Grid 15 mm x 25 mm x 0.7 mm	1 RM	37.00	19.35
383	TBSC-K.II-07	GI - Precoated - T-Sec- 24 mm x 38 mm x 0.7 mm thick	1 RM	54.00	17.39
384	TBSC-K.II-08	Hot dipped GI Angle - Precoated - Grid: 19 mm x 19 mm	1 RM	40.00	17.65
385	TBSC-K.II-09	Polyester painted GI - T Section - 24 x 32 mm	1 RM	50.00	19.05
386	TBSC-K.II-10	Polyester painted GI - T Section - 24 x 25 mm	1 RM	45.00	18.42
387	TBSC-K.II-11	Polyester painted GI - T Section - 24 mm x 27 mm	1 RM	46.00	17.95
388	TBSC-K.II-12	Aluminium Angle : 24 mm x 24 mm	1 RM	26.00	18.18
389	TBSC-K.II-13	Anodized Aluminium T Section : 24 x 24.5 x 2.4 mm	1 RM	34.00	17.24
390	TBSC-K.II-14	Connecting Clips	1 Each	2.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
391	TBSC-K.II-15	Rawl Plug	1 Each	2.00	0.00
392	TBSC-K.II-16	6 mm Nylon Rawl Plug	1 Each	3.00	0.00
393	TBSC-K.II-17	Soffit Cleats	1 Each	2.00	0.00
394	TBSC-K.II-18	Drywall Screws - 25 mm	1 Each	2.00	0.00
395	TBSC-K.II-19	Jointing Compound	1 Kgs	29.00	26.09
396	TBSC-K.II-20	Jointing Paper Tape	1 RM	5.00	25.00
397	TBSC-K.II-21	Drywall Top Coat	1 Liter	142.00	29.09
398	TBSC-K.II-22	Universal Holding Clips	1 Each	3.00	0.00
399	TBSC-K.II-23	4 mm Diameter GI Connecting Rod	1 RM	12.00	20.00
400	TBSC-K.II-24	2 mm Diameter GI Connecting Rod	1 RM	10.00	25.00
<b>III</b>	<b>SUB-SECTION</b>	<b>WALL LINING &amp; PANELLING</b>			
401	TBSC-K.III-01	Providing wooden paneling 12 mm thick prelaminate particle board 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, synthetic glue complete for finished item of work.	1 Sqm	1,810.00	18.15
402	TBSC-K.III-02	Perforated wall panels channeled wood works sheets of width 128 mm, thickness of 16mm and length 2440 mm made of a high density particle board substrate with a laminated facing as per the approved shade/ species & finish and a melamine balancing layer on the reverse side, with a special perforation pattern fluted perforation on the visible surface with a minimum sag resistance of RH90 and a fire rating class of 1 as per Part 7 of BS 476 with a "tongue-and-grooved" edges and the back of the perforated panel is with sound absorbing non-woven acoustical fleece	1 Sqm	3,495.00	18.11
403	TBSC-K.III-03	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	765.00	16.08
404	TBSC-K.III-04	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	843.00	15.96

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
405	TBSC-K.III-05	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	919.00	16.04
406	TBSC-K.III-06	Supply and fixing of cement board (conforming to IS:14862:2000) wall paneling with frame work made of GI stud profile of size 48 x 40 x 10 x 0.55 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and fixing 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 Cement Bonded Board	1 Sqm	921.00	25.14
407	TBSC-K.III-07	Supply and fixing of cement board (conforming to IS:14862:2000) wall paneling with frame work made of GI stud profile of size 48 x 40 x 10 x 0.55 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and fixing 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 10 mm Cement Bonded Board	1 Sqm	1,060.00	25.15
408	TBSC-K.III-08	Supply and fixing Cement Bonded Particle Board conforming to IS 14276 wall paneling using 10 mm Cement Bonded Particle Board conforming to IS 14276 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 and Cement Bonded Particle Board conforming to IS 14276 is to be fixed to frame by means of self taping screws placed at every 300 mm intervals leaving 3mm gap between two panels. The cost inclusive of one coat of synthetic plastered primer and two coats of synthetic smooth finished putty and cost & conveyance of all materials, labor charges etc. complete as per the direction of Engineer in charge.	1 Sqm	1,658.00	25.23

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
409	TBSC-K.III-09	Supply and fixing of Cement Bonded Pre-laminated Particle Board wall paneling using 12 mm Cement Bonded Pre-laminated Particle 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. Cement Bonded Pre-laminated Particle 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	2,334.00	25.21
410	TBSC-K.III-10	Providing and fixing plain PVC rigid foam sheet wall paneling 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 paneling sheet (panel) on it. The exact size of the panel and correspondingly of the grid May be varied depending n the size of the wall. However it must ensured that a strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck at the places where two panels are joined, using solvent cement. , complete as per direction of Engineer in Charge, manufacture's	1 Sqm	2,076.00	16.04

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
411	TBSC-K.III-11	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	1 Sqm	2,185.00	16.04
412	TBSC-K.III-12	Supply and fixing of wall paneling on the framework of wooded rippers of 24 X 24mm of required size. The entire framework shall be panelled with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm. The panels are joined with tongue and groove system. Necessary cut-outs for electrical connections to be provided at required places complete, for finished item of work.	1 Sqm	1,419.00	16.03
<b>IV</b>	<b>SUB-SECTION</b>	<b>PARTITIONS</b>			
413	TBSC-K.IV-01	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	1,222.00	16.05
414	TBSC-K.IV-02	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	1,290.00	16.01

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
415	TBSC-K.IV-03	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	1,444.00	15.98
416	TBSC-K.IV-04	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	1,597.00	16.06
417	TBSC-K.IV-05	Supply and Fixing 66mm thick metal stud partition using 2 layers of 12mm thick Calcium silicate boards screw fixed to either side to 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm. The boards joints are to be staggered to avoid through passage. Ceramic wool of 50mm thick, 64kg/m <sup>3</sup> 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	4,288.00	16.02
418	TBSC-K.IV-06	Supply and fixing double skin cement board (conforming to IS:14862:2000) partition with Frame work made of GI stud profile of size 48 x 40 x 10 x 0.55 mm thick placed at every 610 mm C/C intervals and 1220 mm horizontal intervals duly fixed with self expansion screws, the cement 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 and the gap will be covered with decorative molding 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	1,608.00	25.23



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
419	TBSC-K.IV-07	<p>Providing and fixing of 50 mm thick SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 5 mm thick non-asbestos fibre reinforced cement sheets (conforming to IS:14862:2000) 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 28x52x31 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.8 mm thick GI Channel of size 31x52x31 mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the 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</p>	1 Sqm	1,660.00	16.00
420	TBSC-K.IV-08	<p>Providing and fixing of 75mm thick SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 5 mm thick non-asbestos fibre reinforced cement sheets (conforming to IS:14862:2000) 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 28x77x31 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.80 mm thick GI Channel of size 31x77x31 mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the 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.</p>	1 Sqm	1,982.00	16.04

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
421	TBSC-K.IV-09	Supply & fixing of 50 mm thick partition with composite panel comprise of two 5mm thick Boards (asbestos-free fibre reinforced cement sheets conforming to IS 14862) strongly bonded with core material which is light weight concrete mix of Portland cement, expanded polystyrene bead aggregates and admixture. s with unique semi-circular Tongue & Groove Joining System provides better stability, rapid installation and better workability. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 28x52x31 mm fixed to the existing floor with 6x60mm nylon self-expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.8 mm thick GI Channel of size 31 x 52 x 31 mm duly fixed to the existing ceiling with 6x60mm nylon self-expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the jointing compound in all the exposed joints. The rate includes cost of 50mm S, G.l. Floor and ceiling Channel.	1 Sqm	1,660.00	16.00
422	TBSC-K.IV-10	Supply & fixing of 75 mm thick partition with composite panel comprise of two 5mm thick Boards (asbestos-free fibre reinforced cement sheets conforming to IS 14862) strongly bonded with core material which is light weight concrete mix of Portland cement, expanded polystyrene bead aggregates and admixture. s with unique semi-circular Tongue & Groove Joining System provides better stability, rapid installation and better workability. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 28x77x31 mm fixed to the existing floor with 6x60mm nylon self-expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.8 mm thick GI Channel of size 31x77x31 mm duly fixed to the existing ceiling with 6x60mm nylon self-expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the jointing compound in all the exposed joints. The rate includes cost of 75mm S, G.l. Floor and ceiling Channel.	1 Sqm	1,982.00	16.04

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
423	TBSC-K.IV-11	Supply and fixing double skin partition using with 10 mm Cement Bonded Particle Board conforming to IS 14276 made out of G.I. track section of size 50mmx 35mm x 0.55 mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm intervals horizontally fixed to the wall by means of self expansion screws and caps to the wall and roof the panel 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 synthetic primer and two coats of synthetic plaster 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	2,422.00	25.23
424	TBSC-K.IV-12	Supply and fixing of Cement Bonded Prelaminated Particle Board double skin partition using with 10 mm Cement Bonded Prelaminated Particle Board 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. Cement Bonded Prelaminated Particle Board 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	3,338.00	25.21
425	TBSC-K.IV-13	Supply and fixing of Cement Bonded Prelaminated Particle Board aluminum glazed partitions using 10MM Cement Bonded Prelaminated Particle Board and 5.00 mm thick plain glass to full height. Using with Cement Bonded Prelaminated Particle Board 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	3,849.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
426	TBSC-K.IV-14	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.-Thermocol) 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 molded "" 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 molded "" 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 specification of Engineer in Charge, manufacturer's	1 Sqm	2,950.00	16.00
427	TBSC-K.IV-15	Supply and fixing of PVC Double Skin Partition. The entire framework shall be carried out by mild steel section having overall dimensions of 24 X 48mm with a wall thickness of 1.2mm. The entire framework shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm both sides. Glass provision/Door provision can be provided along the partition wherever required. Partitions can be made full or half as per requirement complete, for finished item of work.	1 Sqm	2,490.00	16.03
428	TBSC-K.IV-16	Supply and fixing double skin cement based 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 Cement Bonded 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 molding 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	1,392.00	25.18

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
429	TBSC-K.IV-17	Supply and fixing of partitions made of seccolor pre-painted steel (base steel as per IS 513 of 0.58 mm thick 'D' quality, galvanized as per IS 277 with Zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick alkyd backer. Section for outer frame should be 46x52mm, section for shutter should be 46x46mm, section for mullion should be 46x70mm, section for beading should be 18x25mm and section for middle and bottom rail (Lock Rail and Kick Rail) of size should be 23x130mm. The partition should be paneled with 9mm pre-laminated particle board to a height of 0.91m from the bottom, and remaining height with 5mm thick plain glass With Ethyl Propylene Diametermine 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 Diametermine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphate. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, and complete for finished item	1 Sqm	4,925.00	16.02
430	TBSC-K.IV-18	Supply and fixing of partitions made of seccolor pre-painted steel (base steel as per IS 513 of 0.58 mm thick 'D' quality, galvanized as per IS 277 with Zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick alkyd backer. Section for outer frame should be 46x52mm, section for shutter should be 46x46mm, section for mullion should be 46x70mm, section for beading should be 18x25mm and section for middle and bottom rail (Lock Rail and Kick Rail) of size should be 23x130mm. The partition should be paneled with 9mm pre-laminated particle board to a height of 0.91m from the bottom, and remaining height with 5mm thick plain glass With Ethyl Propylene Diametermine 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 Diametermine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphate. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, and complete for finished item	1 Sqm	5,616.00	16.03
<b>L</b>	<b>SECTION</b>	<b>DOORS, SHUTTERS &amp; FRAMES</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>DOOR FRAMES</b>			
431	TBSC-L.I-01	Mild Steel Hallow single rebate general purpose 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	378.00	15.95
432	TBSC-L.I-02	Powder Coated Mild Steel Hallow single rebate door frames manufactured using cold roll formed process steel sheet of 1.25 mm thick bright (Cold Rolled Close Annealed (CRCA) and profile size of 105 x 60 mm conforming to IS 4351 - 2003 including pretreatment, Galvanized as per IS:277, zinc phosphating finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 60 - 65 microns(Dry film thickness)Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame with Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. for both single and double shutter doors	1 RM	696.00	16.00
433	TBSC-L.I-03	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	325.00	25.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
434	TBSC-LI-04	SUPPLY & FIXING SINGLE SIDE PRELAM SOLID PANEL PVC DOOR FRAME (CHOUKHAT) Providing and fixing factory made Pac single side Prelam door frame of the size 50X47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid Pac single side prelam sheet, meter cut at two corners and joined with 2nos. of 150mm long brackets of 1515mm MS. Square tube. The two vertical door profiles are to be reinforced with 19X19mm MS. square tube of 19guage. The door frame shall be fixed to the wall using 65/100mm long MS. Screws through the frame by using Pac fasteners. a minimum of 4nos. of screws to be provided for each vertical member and minimum 2nos. for horizontal member etc. complete as per manufacture specification and direction of Engineer-in-charge.	1 Rm	340.00	25.00
435	TBSC-LI-05	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	254.00	25.12
436	TBSC-LI-06	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	200.00	25.00
437	TBSC-LI-07	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	219.00	15.87
438	TBSC-LI-08	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	219.00	15.87

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
439	TBSC-LI-09	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 75 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	248.00	15.89
440	TBSC-LI-10	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 75 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	248.00	15.89
441	TBSC-LI-11	Providing and fixing door frames fabricated from sections made of galvanized steel powder coated (base steel as per IS 513, galvanized as per IS 277 with zinc of 120 grams / square metre), the factory made section are powder coated with pure polyester powder of 50-60 microns thick with total coated thickness of 1.25 mm, size of door frame section is of 105 x 60 mm with a rebate of 38 mm to accommodate 35 mm thick door shutter, with groove to insert gasket in the frame section, frame section filled with polyurethane foam, cut to length, and joined by way of welding, each frame provided with: a) 2mm thick MS powder coated butt hinges of 100 mm long - 3 Nos. for single shutter, 6 Nos. for double shutter. b) CRCA electroplates stiffeners of 6 Nos. - 3 in each vertical. c) 40 mm x 200 mm x 1.2 mm hold fasts screwed to stiffeners - 6 Nos. with split end tail. d) Nylon Aldrop Receiver - 1 No. for single shutter frame. e) Tie Rod - 1 No	1 RM	759.00	16.06



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
442	TBSC-L.I-12	Providing and fixing of door frames factory made, internal door frames without threshold, fabricated from pre painted cold roll formed section 100 mm x 60 mm made of galvanized (base steel as per IS-513 'D' quality galvanized as per IS-277 with Zinc of 120 Gms/sqm) steel colour coated sections with total coated thickness of 1 mm primer coated with epoxy primer of 5-7 microns thick finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns, the frame section filled with polyurethane (PU Foam) of 40 kg/Cum and the sections cut to length and mitre joined by means of 1.25 mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25 mm thick electroplated stiffeners of size 150 mm for fixing hold fasts and hinges with MS Powder coated fittings a) 6 Nos M.S. Z Type hold fasts made of 30 mm x 3 mm MS flat of 230 mm long, 3 Nos each size expandable PVC covered screw type fasteners b) 2.5 mm x 300 mm long 'T' hinges /2.5 mm x 50 mm x 50 mm x 100 mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf/leaf) c) 12 mm Diameter MS tie rod at bottom with necessary size of nuts on either side	1 RM	474.00	15.89
443	TBSC-L.I-14	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 steel as per IS - 513 'D' quality, galvanized as per IS-277 steel colour coated sections primer coated with epoxy primer finish painted with polyester paint the frame section filled with polyurethane (P.U. Foam) of 40 Kg/Cum; and the sections 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 but hinges (3 Nos for single leaf or 2 Nos for Double leaf /leaf )c) 12 mm Diameter MS tie rod at bottom with necessary size of nuts on either side.	1 RM	428.00	15.99

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
444	TBSC-L.I-16	Supply of factory made Precast Reinforced Cement concrete door frame of with overall dimension of 60 x 100 mm for single shutter door (+/-2mm) three nos, of 6mm dia steel bars are used for longitudinal reinforcement for each vertical and horizontal member and are held firmly by 3mm dia ties spaced at not more than 300mm c/c Polymer wonder blocks are provided in the frames for tower bolt and hinges provisions made in the frame for aldrops provisions are made in the vertical member for fixing of 3 nos. hold-fasts with 8 mm dia bolts and the frame surface shall be smooth without any voids and shall confirm to <b>IS 6523</b> complete finished item including all taxes as per specifications & the directions of the Engineer-in-Charge.	1 RM	330.00	28.91
445	TBSC-L.I-18	Supply of factory made Precast Reinforced Cement concrete double door frame of the door frame shall have overall dimension of 60 x 125 for single shutter door(+/-2mm) four nos, of 6mm dia steel bars are used for longitudinal reinforcement for each vertical and horizontal member and are held firmly by 3mm dia ties spaced at not more than 300mm c/c Polymer wonder blocks for fixing of towerbolt and hinges with provision for aldrops and 3 nos. hold-fasts with 8mm dia bolts and the frame surface shall be smooth without any voids and shall confirm to <b>IS 6523</b> complete finished item including all taxes as per specifications & the directions of the Engineer-in-Charge.	1 RM	430.00	28.74
446	TBSC-L.I-20	Fixing of precast RCC frames (Precast RCC framed members to be supplied at site) including assembling the members for door frames fixing to MS masonry or RCC wall face including providing and fixing Six no. hold-fasts of MS Flat 40x5mm and length 40cm per frame embedding in cement concrete blocks of size 30x10x15 cm of mix (1 cement:3 Coarse sand: 6 graded stone aggregate 20 mm nominal size) complete as per specification & the directions of the Engineer-in-Charge	1 RM	250.00	28.87
<b>II</b>	<b>SUB-SECTION</b>	<b>DOOR SHUTTERS WITHOUT FRAMES</b>			
447	TBSC-L.II-01	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 25 mm thick conforming to IS:2202	1 Sqm	1,909.00	28.81
448	TBSC-L.II-02	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 30 mm thick conforming to IS:2202	1 Sqm	2,003.00	28.81

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
449	TBSC-L.II-03	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 35 mm thick conforming to IS:2202	1 Sqm	2,188.00	28.78
450	TBSC-L.II-04	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 25 mm thick conforming to IS:2202	1 Sqm	1,088.00	28.76
451	TBSC-L.II-05	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 30 mm thick conforming to IS:2202	1 Sqm	1,314.00	28.82
452	TBSC-L.II-06	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 35 mm thick conforming to IS:2202	1 Sqm	1,488.00	28.83
453	TBSC-L.II-07	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 40 mm thick conforming to IS:2202	1 Sqm	1,685.00	28.82
454	TBSC-L.II-08	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 20 mm thick conforming to IS:2202	1 Sqm	2,097.00	28.81
455	TBSC-L.II-09	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 25 mm thick conforming to IS:2202	1 Sqm	2,038.00	28.82
456	TBSC-L.II-10	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 30 mm thick conforming to IS:2202	1 Sqm	2,256.00	28.84
457	TBSC-L.II-11	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 35 mm thick conforming to IS:2202	1 Sqm	2,461.00	28.78
458	TBSC-L.II-12	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 40 mm thick conforming to IS:2202	1 Sqm	2,812.00	28.81
459	TBSC-L.II-13	Supply and fixing of Cement Bonded Prelaminated Particle Board single door shutter using 16MM Cement Bonded Prelaminated Particle Board with all round section "U" size of mm thick galvanized pre-painted cold rolled steel profiles Cement Bonded Prelaminated Particle Board 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 powder coated 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	2,450.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
460	TBSC-L.II-14	Supply and fixing of Cement Bonded Prelaminated Particle Board double door shutter using 16MM Cement Bonded Prelaminated Particle Board 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 Prelaminated Particle Board 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	3,112.00	25.18
461	TBSC-L.II-15	Supply and fixing of Cement Bonded Prelaminated Particle Board door shutter made out of U sections of size 12x14x12 made from 0.6mm thick pps sections with 12MM Cement Bonded Prelaminated Particle Board with necessary screws fixed at every 1'.0" interwells. The hardware consists of 250mm long Aldrop - 2 Nos. 150mm Handle- 1 No , 150 mm long ms powder coated tower bolt 1 no. nickel coated. The cost is inclusive of all incidentals, labor transportation charges.	1 Sqm	2,397.00	25.24
462	TBSC-L.II-16	Supply and fixing of Cement bonded Particle BOARD (conforming to IS 14862) door shutter with all-round style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick Cement bonded Particle 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	1,650.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
463	TBSC-L.II-17	Supply and fixing of Cement bonded Particle BOARD (conforming to IS 14862) 12 mm thick door shutter of size 6'0" x 2'6" with all-round style "U" lipping size 15 x 14 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with necessary screws fixed at 1'-0" interval 250 mm long Aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1,413.00	25.16
464	TBSC-L.II-18	Supply and fixing door shutter with frame made out of PVC section and panels conforming to IS:10151-1982 having panel sizes of 100 mm x 30 mm with self extruded grooves at 40 mm x 50 mm grooves on front face and the infill panel dimension is 610 mm x 20 mm seamless hollow multi chambered PVC single panel for finished item of work.	1 Sqm	2,610.00	25.18
465	TBSC-L.II-19	Molded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick of Masonite or equivalent doors - 30 mm thick	1 Sqm	1,644.00	28.84
466	TBSC-L.II-20	Molded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick Masonite or equivalent doors - 35 mm thick	1 Sqm	1,797.00	28.82
467	TBSC-L.II-21	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 30 mm thick	1 Sqm	1,336.00	28.83
468	TBSC-L.II-22	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 35 mm thick	1 Sqm	1,478.00	28.86

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
469	TBSC-L.II-23	Providing and fixing 35mm thick 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 molded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the molded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on Pac lipping etc. complete as per direction of Engineer-in-Charge, manufacture specification and drawing	1 Sqm	2,900.00	25.22
470	TBSC-L.II-24	Supply & Fixing SOLID STEEL DOOR shutter made out of G I Precoated Sheet with an average wall thickness of 0.35 mm on both sides. MS Tube having dimensions of 19 x 19 mm is inserted along the hinge side of the door, core of the door shutter filled with High Density Polyurethane foam injected with the help of hydraulic injection method, four sides of the door covered with G I Precoated Sheet and the hardware locations reinforced with suitable wooden blocks as per drawing and stickers indicating location of the hardware pasted at appropriate places, etc complete	1 Sqm	1,480.00	25.21
471	TBSC-L.II-25	Providing of 35mm thick Facotry made Prelaminated ABS (Acrolonitrile Butadyne Styrene) Door shutter moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x32mm, reinforced by 32x 32mm - 2 nos. for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density craft paper honey comb board, sandwiched on both sides with prelaminated ABS sheet thickness of 1.5mm . PVC edge banding of size 0.45mm on the vertical sides.for each shutter and ISI make S.S round lock complete for finished item of work	1 Sqm	6,821.00	28.82

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
472	TBSC-L.II-26	Supply and fixing of Cement Bonded Prelaminated Particle Board door shutter conforming to IS-14276 made out of U sections of size 12 x 18 x 12 made from 0.6mm thick PPS sections with 16 mm Cement Bonded Prelaminated Particle Board with necessary screws fixed at every 1'.0"interwells. The hardware consists of 12 mm dia x 200mm long Aluminum Aldrop - 2 Nos. 125 mm long Handle- 2 Nos. 3 mm x 12 mm x 180 mm long 304 SS hinges- 3 Nos with pole receiver of 10mm dia pole X40mm long welded on 2mm X40mm(ss304) plates works as receiver for RT patte hinges. The cost is inclusive of all incidentals, labor transportation charges.	1 Sqm	2,626.00	25.23
<b>III</b>	<b>SUB-SECTION</b>	<b>DOORS WITH SHUTTERS &amp; FRAMES</b>			
473	TBSC-L.III-01	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 molded 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. Paneling 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.	1 Sqm	2,362.00	25.17

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
474	TBSC-L.III-02	Providing and fixing 30mm thick 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 molded 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 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 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. Paneling 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 etc. an additional 5mm thick Pac strip of 20mm	1 Sqm	2,700.00	25.23
475	TBSC-L.III-03	Providing and fixing 30mm thick 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 molded single side Prelam Pac 'C' channel of size 30mmX50mm to form stiles. 5mm thick & 75mm wide single side Prelam Pac sheets shall be for the top, bottom and lock rails. Paneling 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 an insert for top and bottom rails etc.	1 Sqm	2,450.00	25.19



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
476	TBSC-L.III-04	MOULDED PVC DOOR - WOOD FREE Providing and fixing 30mm thick Brand factory made Molded 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 molded Pac sheet with 2,4,6 raised panel design in different plain and / or prelam colours after routing to the molded 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	2,475.00	25.19
477	TBSC-L.III-05	Providing and fixing 30mm thick 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 molded "" PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15mm shall be flat and 15mm shall be bent in 900 on the inner side to from top and bottom rail land 130mm wide PVC sheet out of which 100mm shall be flat and 154mm shall be bent in 900 on both side to from lock rail, 10mm(5mmX2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panel will be of G.I. wire mesh of 24gauge to be fitted in by 'C' channel of size 35mm X10mm on the either side in the stiles. The inner side 'C' channel is fixed by 19mmX19mm MS. Tube on both sides with screws. The wire mesh in top bottom & lock rail is sealed with15mm X 15mm tube with G.I. wire 10mm(5mmX2) thick PVC strip of 25mm width is to be stuck& nails on both side of G.I. wire mesh interior at the	1 Sqm	2,200.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
478	TBSC-L.III-06	Providing and fixing door & shutter of which 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 rebate for shutter with necessary stiffeners hinges and screws with Cement bonded Particle BOARD (IS 14862) shutter with all-round style "U" lipping of size 15 x 18 x 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick Cement bonded Particle 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	1,943.00	25.19
479	TBSC-L.III-07	Doors Frames (Colour Coated Steel Sections) & Shutter using Cement Bonded Particle Board as per IS 14276 (Cement Bonded Particle Board conforming to IS 14276 or equivalent ) : Providing and fixing of door frame made from cold roll formed sections made of galvanized (Base steel as per IS277 with zinc of 120 Gms/sqm) colour coated steel sections with total coated thickness of 1mm, primer coated with epoxy primer coat of 5-7 microns thick, finish paint with polyester paint of 12-16 microns. The Section for door frame is to be filled with polyurethane (P.U) form of 40kg/m3. Overall size of frame section should be of 50mm x 50mm. With necessary corner brackets, stiffeners, hinges, and screws. Cement Bonded particle board shutter (Cement Bonded Particle Board conforming to IS 14276 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 (Cement Bonded Particle Board conforming to IS 14276 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 2 nos. 200mm long tower bolt 1 no.	1 Sqm	3,845.00	28.81

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
480	TBSC-L.III-08	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) <b>2 Track-2 Panel Sliding Doors</b> duly manufactured using UPVC reinforced profiles(Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of 60 mm x 45 mm x 2.20 mm with reinforcement of 1.2 mm thickness, super sash with overall size of 39 mm x 75 mm x 2.20 mm with for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.5 mm prefabricated & welded through fusion welding the door sash shall be fitted with 6 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. Door shall be provided with standard hardware & multi point locking system of bent handle espagulate .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 complete for finished item of work.	1 Sqm	6,252.00	25.22
481	TBSC-L.III-09	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) <b>3 track sliding doors with mesh shutter provision - (2-glass shutters)- 95 -Series</b> duly manufactured using UPVC reinforced profiles(Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of (108 mm x 45 mm)/(95.50 mm x 60 mm) x 2.20 mm for outer frames, (75 mm x 39 mm)/(66 mm x 42 mm) x 2.20 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the door sash shall be fitted with 6 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. Door shall be provided with standard hardware & multi point locking system of Patio/Bent espagulate .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 complete for finished item of work.	1 Sqm	7,033.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
482	TBSC-L.III-10	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) 3 track sliding doors with mesh shutter - (2-glass shutters and 1-mesh shutter)- 95 - Series duly manufactured using UPVC reinforced profiles (Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of (108 mm x 45 mm)/(95.50 mm x 60 mm) x 2.20 mm for outer frames, (75 mm x 39 mm)/(66 mm x 42 mm) x 2.20 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the door sash shall be fitted with 6 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. Mesh shutter shall be made of (48 mm x 30 mm)/(50 mm x 26.5 mm) x 2.0 mm uPVC profile section and fitted with Vinyl Coated Fiber mesh and rollers/pulley duly fixed with TPV Gaskets weathering seal resistant Door shall be provided with standard hardware & multi point locking system of Patio/Roto complete and the system is to be installed at the site	1 Sqm	7,773.00	25.21
483	TBSC-L.III-11	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - three glass shutters sliding - 112 -Series duly manufactured using UPVC reinforced profiles of 112.0 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	6,731.00	25.20

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
484	TBSC-L.III-12	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) openable doors with openable shutters duly manufactured using UPVC reinforced profiles (Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of 60 mm x 55 mm x 2.40 mm for outer frames, 74 mm x 60 mm x 2.40 mm for mullion sections as per the need and 102 mm x 60 mm x 2.40 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the door sash shall be fitted with 6 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gaskets for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. System shall be provided with 4 no's of 3D Hinges for each shutter and multipoint locking with keys. with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site complete for finished.	1 Sqm	8,810.00	25.21
485	TBSC-L.III-13	Supplying and fixing door shutter, with shutter frame and infill panel made from PVC material conforming to IS: 10151-1982, the shutter frame made out of PVC extruded sections having overall dimension of 47 mm x 33 mm with wall thickness of 1.2mm + 0.3mm with usual process variation, the shutter frame with tapered shape to provide better grip to the infill panel end to drain out the water The Infill panel is made out of PVC Sections having Overall Dimensions of 200 mm x 20 mm with wall thickness of 1mm + 0.2mm, the shutter frames mitre cut and joined at the corner, by providing Polymeric " L " type corners to take hardware & fixtures fixed with 10-20mm counter sunk fully threaded parallel shank steel screws, all the hardware locations reinforced with special polymeric bars as per drawings, stickers showing locations of different hardware pasted on the shutter, the infill panels joined by tongue and groove method.	1 Sqm	1,038.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
486	TBSC-L.III-14	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.	1 Sqm	1,923.00	25.20
487	TBSC-L.III-15	Providing & fixing 30 mm thick solid panel PVC door shutter consisting of frame made out of 19 gauge M.S tube of 19 x 19 mm for stiles, top & bottom rail, with a coat of primer of approved make. M.S. Frame covered with 5 mm thick heat molded PVC "C" channel of size of 30 x 50 mm forming stiles, 5 mm thick 75 mm wide PVC sheet for top, lock & bottom rail on either side 20 mm wide cross PVC sheet as gap insert for top & bottom rail, paneling of 10mm(+/-)( 5mm+5mm)" thick PVC sheet fitted in the M.S. frame welded /sealed to the stiles, on either side joined together with solvent cement adhesive etc., additional 5 mm thick PVC strip of 20 mm width stuck on the interior side of the C channel using solvent cement, complete as per direction of Engineer-in-charge, manufacturers specification.	1 Sqm	3,030.00	25.21
488	TBSC-L.III-16	Supplying & fixing SINGLE PANEL 30 mm thick PVC DOOR, door shutters with shutter frame and Infill panel made from PVC material, the shutter frame made out of PVC extruded sections having overall dimensions of 60mm x 30 mm with wall thickness of 1.3 mm ± 0.3 mm, with the Infill panel made out of multi chambered seamless hollow PVC extruded panel having overall dimensions of 610 mm x 20 mm having wall thickness 1 mm ± 0.2 mm with the shutter frame meter cut and joined at corners and all the hardware locations reinforced with special polymeric bars as per drawing including providing special PVC bracket on hinge side, etc complete	1 Sqm	2,604.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
489	TBSC-L.III-17	Providing & fixing internal prelaminated PVC door frame of size 100 x 45 mm with a wall thickness of 5mm, made of extruded 5 mm Prelam PVC foam sheet, mitred cut at two corners and joined with two nos. of 150mm long brackets of 15 x 15 mm MS square tube, two vertical door profiles reinforced with 40 x 20 MS Tube of 19 gauge throughout the frame and the door frame fixed to the wall using 65/100mm long MS screws through the frame by using PVC fasteners with a minimum of 3 nos of screws provided for each vertical member and two nos. for horizontal, etc complete as per drawing and direction of Engineer in Charge	1 RM	601.00	25.21
490	TBSC-L.III-18	Supply & Fixing of Powder Coated Mild Steel doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to single rebate profile of size 100 mm X 58 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 - 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 2 mm thick fixed flush to the frame and shutter	1 Sqm	11,139.00	25.20

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
491	TBSC-L.III-19	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, in-fill of honeycomb kraft paper used to give the required rigidity and effective acoustic insulation with 6" Tower bolt - 1 No., 6" D handles - 2 Nos., 10" Aldrop - 1 No., Butt Hinges - 3 Nos, Mortise Lock of approved quality - 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Single leaf Door	1 Sqm	10,283.00	25.20
492	TBSC-L.III-20	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM). coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, in-fill of honeycomb kraft paper used to give the required rigidity and effective acoustic insulation with 6" Tower bolt - 2 Nos., 6" D handles - 2 Nos., 10" Aldrop - 1 No., Butt Hinges - 6 Nos, Mortise Lock of approved quality - 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Double leaf Door	1 Sqm	10,968.00	25.21



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
493	TBSC-L.III-21	Supply & Fixing of Stainless steel doors, frames & shutters made of stainless steel grade 304 of hairline finish, frame with 1.2mm thick formed to single rebate profile of size 100 mm X 58 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for industrial, commercial, residential, clean room applications	1 Sqm	20,886.00	25.21
494	TBSC-L.III-22	Supply & Fixing of Powder Coated Fire Rated doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 - 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 2 mm thick fixed	1 Sqm	13,228.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
495	TBSC-L.III-23	Supply & Fixing of Powder Coated Fire Rated doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 - 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 2 mm thick fixed	1 Sqm	12,532.00	25.21
496	TBSC-L.III-23	Supply & Fixing of Stainless steel Fire Rated doors, frames & shutters made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 - 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick) Mortice Case Lock with Lever Handles Mortice	1 Sqm	20,886.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
497	TBSC-L.III-24	Supply & Fixing of Stainless steel Fire Rated doors, frames & shutters made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 - 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick) Mortice Spool Lock with Lever Handles, Mortice	1 Sqm	18,209.00	25.21
498	TBSC-L.III-25	Supply & Fixing of Lead Lined Clean room doors frames and shutters made of Skin pass galvanized Iron sheet (Conform to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr).with powder coating of thickness 60-65 Microns, frame of 1.60mm thick galvanized steel sheet (Conform to IS 277) formed to Single/double rebate profile of size 100mm X 58mm/ 143x58mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick Galvanized Steel Sheet (Conform to IS 277) formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the lead sheets extend the full width and height of the door, Lead thickness is equal to the shielding in the adjacent wall, the door frames and door shutters are coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 - 65 microns coated with Zinc Phosphate Primer to	1 Sqm	14,995.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
499	TBSC-L.III-26	Supply & Fixing of Lead Lined Stainless steel Clean room door frames and shutters made of Stainless steel grade of 304 hairline finish, frame with 1.60mm (16SWG) thick hairline finish Stainless steel grade of 304 formed to Single/double rebate profile of size 100 mm x 58mm/143 x 58 mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick hairline finish Stainless steel grade of 304 formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level. The lead sheets extend the full width and height of the door. Lead thickness is to be equal to the shielding in the adjacent wall. Hardware can be provided with Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter etc complete for finished item of work	1 Sqm	23,671.00	25.20
500	TBSC-L.III-27	Providing of Factory made prelaminate FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 50mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 no's to be provided for each vertical member,GI stiffeners of ("U" chanel of size 29x9x1mm, 150mm long) -3 no's at hinge point,Frame reinforcement of("U" GI chanel of size 46x22x.06mm),Bottom tie rod of ("U" GI chanel size of 15x15x1mm) etc. complete as per manufacturers specification for finished item of work. Maximum door frame size : 980 x 2070 including providing of 35mm thick Facotry made Prelaminated ABS (Acrolynitrile Butadyne Styrene) Door shutter moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x22mm reinforced by 22x 22mm 2 nos	1 Sqm	8,388.00	28.81

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
501	TBSC-L.III-28	Supply and fixing of toilet door shutter with frame made of M.S. door frame of 5 mm x 48 mm x 48 mm (L angel) as all-round frame the frame is coated with one coat of red oxide and two coats of enamel of approved color. For shutter and the shutter is made with 16mm Bison lam shutter with all-round 'U' Lipping of PPS section of 12 mm x 18 mm x 12 mm x 0.60mm, along hardware of 200m long and 12mm dia aluminum aldrops 2 Nos, 2Nos of 125m m handle, 3 Nos of RT patte hinges IS 304gr SS 2mmX12mmX180mm long with a pole receiver of 10mmDia x 40mm by welded on 3mm x 40mm SS 304, plate it works as receiver for RT Patee hinges it is welded to M.S. angle . M.S. angle will be fixed to wall of self expandable screws and caps	1 Sqm	3,760.00	16.01
502	TBSC-L.III-29	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - three glass shutters sliding duly manufactured using UPVC reinforced profiles of 108.0 mm x 49 mm x 2.25 mm for outer frames, 85 mm x 41 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with reinforced with 35mm x 10mm x 1.5mm thick with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and fixed with with uPVC glazing bead of 22.5mm x 18mm with "C" or "R" type inner and outer 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	1 Sqm	9,160.00	25.21
IV	SUB-SECTION	<b>CUP-BOARD DOORS</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
503	TBSC-L.IV-01	Supply and fixing of cup board frames and shutters and using 16mm Cement Bonded Particle Board conforming to IS 14276 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, synthetic glue, 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	2,350.00	25.20
504	TBSC-L.IV-02	Supply and fixing of box type cup board using Cement Bonded Particle Board conforming to IS 14276 for making frame of size 100mm x 35mm using two sandwiched 16MM boards, one Cement Bonded Particle Board conforming to IS 14276 and one Cement Bonded Prelaminated Particle Board with plain 35mm wood lipping. The Shutters are made of 16MM thick Cement Bonded Prelaminated Particle Board (Pre-Laminated Cement Bonded Particle Board) of approved shade inclusive of hardware like M.S. powder coated Piano hinges of size ¾" x ¾" , Aluminum powder coated handles of size 4" (101.6mm), Aluminum tower bolt 4" (101.6mm) Godrej locks, screws, wood lipping and synthetic glue etc., complete finish item of work.	1 Sqm	3,862.00	25.19
505	TBSC-L.IV-03	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	4,338.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
506	TBSC-L.IV-04	Supply and fixing of cupboard shutter using teakwood scantling of size 50 mm x 50 mm teakwood as outer frame and 50 mm x 30 mm of size teakwood for shutter frames, 8mm thick Bison Lam as panel to each shutter consist of 2 Nos 75mm long tower bolt – 2 nos 75 mm big handle the and other shutter will have 1 no of cupboard lack , 1 No of 75 mm long handle and 75 mm x 10mm x 1mm thick SS hinges- 2 Nos for each shutter. The above frame will be fixed to the wall with screws, the rate inclusive of screws, handle, etc., complete at site of work	1 Sqm	4,331.00	25.21
<b>M</b>	<b>SECTION</b>	<b>WINDOWS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>OPENABLE WINDOWS</b>			
507	TBSC-M.I-01	Supply and fixing of pre-painted steel casement/ open able windows base steel as per IS 513 of - 0.58 mm thick 'D quality, galvanized as per IS 277, finish painted with a polyester paint, section for outer frame of 46 x 52 mm section for shutter of 46 x 46 mm section for mullion 46 x 70 mm, and section for beading 18 x 25 mm panelled with 5 mm thick plain float glass fitted with EPDM gaskets, handle made of high grade aluminium powder coated frames fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars @ 150 mm pitch for Windows: Double shutter for sizes 2'0 x 4'0 (609.6 x 1219.2 mm ) 3'-0 x 4'-0 (914.4mm x 1219.2 mm) without mullion section	1 Sqm	6,316.00	25.19
508	TBSC-M.I-02	Supply and fixing of pre-painted steel casement/ open able windows base steel as per IS 513 of - 0.58 mm thick 'D quality, galvanized as per IS 277, finish painted with a polyester paint, section for outer frame of 46 x 52 mm section for shutter of 46 x 46 mm section for mullion 46 x 70 mm, and section for beading 18 x 25 mm panelled with 5 mm thick plain float glass fitted with EPDM gaskets, handle made of high grade aluminium powder coated frames fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars @ 150 mm pitch for Windows: Double shutter with mullion section for sizes 3'-0 x 4'-0 (914.4mm x 1219.2 mm) and 4'-0 x 4'-0 (1219.2x1219.2mm)	1 Sqm	6,681.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
509	TBSC-M.I-03	Supply and fixing of pre-painted steel casement/ open able windows base steel as per IS 513 of - 0.58 mm thick 'D quality, galvanized as per IS 277, finish painted with a polyester paint, section for outer frame of 46 x 52 mm section for shutter of 46 x 46 mm section for mullion 46 x 70 mm, and section for beading 18 x 25 mm panelled with 5 mm thick plain float glass fitted with EPDM gaskets, handle made of high grade aluminium powder coated frames fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars @ 150 mm pitch for Windows: Double shutter 4'-0 x 4'-0 (1219.2x1219.2mm) without Mullion section	1 Sqm	6,498.00	25.20
510	TBSC-M.I-04	Supply and fixing of pre-painted steel casement/ open able windows base steel as per IS 513 of - 0.58 mm thick 'D quality, galvanized as per IS 277, finish painted with a polyester paint, section for outer frame of 46 x 52 mm section for shutter of 46 x 46 mm section for mullion 46 x 70 mm, and section for beading 18 x 25 mm panelled with 5 mm thick plain float glass fitted with EPDM gaskets, handle made of high grade aluminium powder coated frames fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars @ 150 mm pitch for Windows: Double shutter with Mullion section for sizes 4'-6 x 4'-6 (1371.6x1371.6mm) 5'-0 x 4'-0 (1524x1219.2mm) and 6'-0 x 4'-0 (1828.8x1219.2mm) and 6'-0 x 4'-6 (1828.8x1371.6mm)	1 Sqm	5,952.00	25.20
511	TBSC-M.I-05	Providing and fixing of Casement/ Open able Windows made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277, finish painted with a polyester paint 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, 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 Single shutter Window without vertical mullion for size 2'0"x4'0" (609.6mm x 1219.2mm)	1 Sqm	5,770.00	25.22



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
512	TBSC-M.I-06	Providing and fixing of Casement/ Open able Windows made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277, finish painted with a polyester paint 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, 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 Double shutter Window with vertical mullion for sizes 3'0" x 4'0" (914.4mm x 1219.2mm) and 4'0" x 4'0" (1219.2mm x 1219.2mm)	1 Sqm	6,134.00	25.21
513	TBSC-M.I-07	Providing and fixing of Casement/ Open able Windows made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277, finish painted with a polyester paint 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, 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 Centre fixed both side open able shutter window for sizes 5'0"x4'0" (1524mm x1219.2mm) and 6'0"x4'0" (1828.8mm x1219.2mm)	1 Sqm	5,405.00	25.20

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
514	TBSC-M.I-08	Providing & Fixing of Open able Windows with Fly-mesh made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 finish painted with a polyester paint 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, 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 Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm)	1 Sqm	7,652.00	25.20
515	TBSC-M.I-09	Providing & Fixing of Open able Windows with Fly-mesh made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 finish painted with a polyester paint 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, 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 Double shutter Window with vertical mullion of sizes 3'0" x 4'0" ( 914.4mm x 1219.2mm) and 4'0" x 4'0" (1219.2mm x 1219.2mm)	1 Sqm	8,017.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
516	TBSC-M.I-10	Providing & Fixing of Open able Windows with Fly-mesh made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 finish painted with a polyester paint 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, 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 Centre fixed both side open able shutter window for a size 5'0"x4'0" (1524mm x1219.2mm).	1 Sqm	7,288.00	25.20
517	TBSC-M.I-11	Providing & Fixing of Open able Windows with Fly-mesh made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 finish painted with a polyester paint 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, 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 a size 6'0"x4'0" (1828.8mm x1219.2mm)	1 Sqm	6,377.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
518	TBSC-M.I-12	Providing & Fixing of Mesh windows made of pre-painted steel (Base Steel as per IS 513 of 0.58mm thick galvanized as per IS 277 primer coated with epoxy primer finish painted with a polyester paint, section for outer frame of 47 x 36 mm, centre mullion of 60 x 36 mm, section mesh beading 18 x 6 mm and Fly mesh shutter section of 20 x 40 mm, the sections cut to length meter joined with corner bracket and centre mullions fixed with mullion cap, handles, latch, 2 Nos of heavy duty stainless steel pivot hinges per S.S. Mesh for fly mesh shutter (304 grade) including fixing the frames in the concrete/masonry wall by means of self expanding screws complete for finished item of work.	1 Sqm	4,766.00	25.19
519	TBSC-M.I-13	Providing and fixing of Open able / Casement Windows made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 finish painted with a polyester paint and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for Single open able shutter window size of 2' 0" x 4' 0" (609.6 x 1219.2mm)	1 Sqm	5,088.00	25.20

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
520	TBSC-M.I-14	Providing and fixing of Open able / Casement Windows made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 finish painted with a polyester paint and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for Double open able shutter window Size of 3' 0" x 4' 0" (914.4mm x 1219.2mm) and 4'0" x 4'0" (1219.2mm x 1219.2mm)	1 Sqm	5,409.00	25.21
521	TBSC-M.I-15	Providing and fixing of Open able / Casement Windows made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 finish painted with a polyester paint and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for 5'0 x 4'0 ( 1524 x 1219.2mm) and 6'0 x4'0 ( 1829.6 x 1219.2mm)	1 Sqm	4,766.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
522	TBSC-M.I-16	Providing and fixing of Open able / Casement Windows <b>with fly mesh</b> made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277, finish painted with a polyester paint and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly-shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and the sections, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for 2' 0" x 4' 0" (609.6 x 1219.2mm)	1 Sqm	6,748.00	25.19
523	TBSC-M.I-17	Providing and fixing of Open able / Casement Windows with fly mesh made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277, finish painted with a polyester paint and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly-shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and the sections, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for 3' 0" x 4' 0" (914.4mm x 1219.2mm) and 4'0" x 4'0" (1219.2mm x 1219.2mm)	1 Sqm	7,069.00	25.20

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
524	TBSC-M.I-18	Providing and fixing of Open able / Casement Windows with fly mesh made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277, finish painted with a polyester paint and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly-shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and the sections, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for 5'0 x 4'0 ( 1524 x 1219.2mm) and 6'0 x4'0 ( 1829.6 x 1219.2mm)	1 Sqm	6,427.00	25.21
525	TBSC-M.I-19	Galvanized powder coated Casement Windows with open able shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3 of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work including of all taxes - 1220 x 1372 or below size	1 Sqm	5,685.00	28.82

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
526	TBSC-M.I-20	Galvanized powder coated Casement Windows with open able shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3 of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work including of all taxes - 1530 x 1372 or above size	1 Sqm	5,093.00	28.81
527	TBSC-M.I-21	Galvanized powder coated Casement Windows with open able shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3 of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work	1 Sqm	7,142.00	28.82



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
528	TBSC-M.I-22	Galvanized powder coated Casement Windows with open able shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3 of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self	1 Sqm	6,566.00	28.82
529	TBSC-M.I-23	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows open able shutters duly manufactured using UPVC reinforced profiles of (48 mm x 60 mm)/ (58 mm x 60 mm) x 2.0 mm for outer frames, (64 mm x 60 mm)/(72 mm x 60mm) x 2.0 mm for mullion sections for two or more open able shutters and (78 mm x 60 mm)/(72 mm x 42 mm) x 2.0 mm for outward open able shutter frame or (70 mm x 60 mm)/ (72 mmx 42 mm) x 2.0 mm for inward open able shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing	1 Sqm	6,471.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
530	TBSC-M.I-24	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters duly manufactured using UPVC reinforced profiles (Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of 60 mm x 55 mm x 2.40 mm for outer frames, 74 mm x 60 mm x 2.40 mm for mullion sections for two or more openable shutters 75 mm x 60 mm x 2.40 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.0/1.2 mm prefabricated & welded through fusion welding.The window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC and accessories for casement window – friction hinges of stainless steel grade 304/430- 2 Nos., per sash, handle with zamak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor	1 Sqm	7,756.00	25.20
531	TBSC-M.I-25	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters duly manufactured using UPVC reinforced profiles of 60 mm x 60 mm x 2.60 mm for outer frames, 82 mm x 60 mm x 2.60 mm for Fix mullion (“T” or “Z” )made of 60mm x 82mm uPVC profile section with steel reinforcement of size 35mm x 28mm x 1.5mm shall be provided in windows having fixed panel as per the requirement. The shutter of outward open able window shall be made of size 60mm x 77mm or for inward open able window shall be made of size 60mm x 78mm; “T” shaped for outward open or “Z” shaped for Inward open extruded 3 box multi-chamber uPVC window profile section of white colour having outer wall thickness of 2.6mm (± 0.2mm) provided with reinforcement of minimum 1.5mm thick G/J/U/S/O type GI section prefabricated & welded through fusion welding.The window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC and accessories for casement window – friction hinges of stainless steel grade 304- 2 Nos., per sash, handle 1 No.	1 Sqm	7,980.00	25.20
<b>II</b>	<b>SUB-SECTION</b>	<b>SLIDING WINDOWS</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
532	TBSC-M.II-01	Providing and fixing 2 Track 2 glass shutter sliding Windows 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 micron thick, finish painted with 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. Section for external frame should be of 44 x 59mm, Section for glass shutter should be of 35 x 49 mm Section for euro groove should be 25 x 24mm( Aluminum/Plastic)and Lap Strip should be of 30 x 41mm(Aluminum/Plastic).shutter should be provided with a glass of 5mm Plain Float Glass. Corner bracket for External frame made of Steel/Polypropylene, Corner Bracket for Internal frame made of Steel/Polypropylene, Touch Lock, Rollers, wool pile for lap strip & euro groove, Bump Stop Base & Rubber for shutter stopper. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter. The Frame Section should be cut to length and mitre joined with	1 Sqm	6,783.00	25.19
533	TBSC-M.II-02	Providing and fixing of Two shutter Sliding Windows made of Galvanized Steel as per IS 513, D quality, galvanized as per IS 277 with powder coated with Pure polyester powder up to 50-60 microns thick with total coated thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for Two Tracks without grill provision is of 75 mm x 50 mm and the Window Shutter section of 58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work for Window with Two Sliding Shutters and without Grill	1 Sqm	5,302.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
534	TBSC-M.II-03	Providing and fixing of Two shutter Sliding Windows made of Galvanized Steel as per IS 513, D quality, galvanized as per IS 277 with powder coated with Pure polyester powder up to 50-60 microns thick with total coated thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for Two Tracks with Grill provision size of 90 mm x 50 mm and the Window Shutter section of 58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work for Window with Two Sliding Shutters and with Grill	1 Sqm	5,880.00	25.21
535	TBSC-M.II-04	Providing and fixing of Three shutter Sliding Windows made of Galvanized Steel as per IS 513, D quality, galvanized as per IS 277 powder coated with Pure polyester powder and thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work for i) Center Shutter Fixed: center shutter frame made of section with size 20mm x 47mm should be fitted with 5mm thick plain float glass of reputed make, EPDM gasket all around the glass and fixed to the Outer Frame with the supporting section of size 20mm x 20mm of 0.50mm thick fixed	1 Sqm	6,212.00	25.22

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
536	TBSC-M.II-05	Providing and fixing of Three shutter Sliding Windows made of Galvanized Steel as per IS 513, D quality, galvanized as per IS 277 powder coated with Pure polyester powder and thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work for ii) Center Shutter Sliding: center shutter frame made of section of size 20mm x 47mm should be fitted with 5 mm thick plain float glass of reputed make. The supporting guide section of size 15mm x 19mm of 0.58mm thick fixed horizontally at top and bottom of shutter frame and	1 Sqm	6,801.00	25.20
537	TBSC-M.II-06	Providing and fixing of Three shutter Sliding Windows made of Galvanized Steel as per IS 513, D quality, galvanized as per IS 277 powder coated with Pure polyester powder and thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work for Window with 3 shutters (Center fixed shutter / Center sliding shutter / center Fly mesh shutter) and without Grill Window made of Outer Frame of size 90mm x 50mm. i) Center Shutter Fixed: center shutter frame made of section with size 20mm x 47mm of 0.58mm thick should be fitted	1 Sqm	5,570.00	25.20

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
538	TBSC-M.II-07	Providing and fixing of Three shutter Sliding Windows made of Galvanized Steel as per IS 513, D quality, galvanized as per IS 277 powder coated with Pure polyester powder and thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work for Window with 3 shutters (Center fixed shutter / Center sliding shutter / center Fly mesh shutter) and without Grill Window made of Outer Frame of size 90mm x 50mm. ii) Center Shutter Sliding: center shutter frame made of section with size 20mm x 47mm of 0.50mm thick should be	1 Sqm	6,095.00	25.21
539	TBSC-M.II-08	Providing and fixing of Three shutter Sliding Windows made of Galvanized Steel as per IS 513, D quality, galvanized as per IS 277 powder coated with Pure polyester powder and thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work for Window with 3 shutters (Center fixed shutter / Center sliding shutter / center Fly mesh shutter) and without Grill Window made of Outer Frame of size 90mm x 50mm. iii) Center Fly mesh Shutter Sliding: Section for Fly mesh shutter frame should be of size 20mm x 40mm and fitted with SS	1 Sqm	6,095.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
540	TBSC-M.II-09	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) 2 Track-2 Panel Sliding windows duly manufactured using UPVC reinforced profiles(Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of (62 mm x 60 mm)/(60 mm x 45 mm) x 2.20 mm for outer frames, (66 mm x 38 mm)/(58 mm x 39 mm) x 2.20 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.0/1.2 mm prefabricated & welded through fusion welding. The window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. System shall have single point locking with Touch Lock 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 complete for finished item of work.	1 Sqm	7,030.00	25.20
541	TBSC-M.II-10	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) 3 track sliding windows with mesh shutter provision - (only 2-glass shutters) duly manufactured using UPVC reinforced profiles (Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of (80 mm x 52 mm)/ (94 mm x 45 mm) x 2.20 mm for outer frames, (54 mm x 38 mm)/(39 mm x 58 mm) x 2.20 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.0/1.2 mm prefabricated & welded through fusion welding. The window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. System shall have single point locking with Touch Lock 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 complete for finished item of work.	1 Sqm	6,595.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
542	TBSC-M.II-11	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) <b>3 track sliding windows with mesh shutter - (2-glass shutters and 1-mesh shutter)</b> duly manufactured using UPVC reinforced profiles (Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin) of (94 mm x 45 mm)/(80 mm x 52 mm) x 2.20 mm for outer frames, (58 mm x 39 mm)/(54 mm x 38 mm) x 2.20 mm for sliding shutter frames capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.0/1.2 mm prefabricated & welded through fusion welding. The window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter frame shall be (42 mm x 25 mm)/(52 mm x 21.5 mm) x 2.0 mm fitted with Vinyl Coated Fiber mesh- on rollers/ pulley duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. System shall have single point locking with Touch Lock 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 commission of all	1 Sqm	7,341.00	25.21
543	TBSC-M.II-12	Providing and fixing COMPOSITE SLIDING WINDOW fabricated from roll formed sections made of Galvanized Steel colour Coated/Powder Coated (Base Steel as per IS 513 "D" quality, Galvanized as per IS 277 with Zinc of 120 grams /Sq.Mtr.) with total coated thickness of 0.58 mm, powder coated with pure Polyester Powder up to 50-60 microns thick and the section for external frame bottom of 68 x 25mm (Aluminium), External frame sides & Top of 68 x 25 mm (Aluminium), section for shutter of 59 x 23mm and Lap Strip of 30 x 7.5mm (uPVC) cut to length and mitre joined with L-bracket and 5 mm plain float Glass with Ethyl Propylene Diametermine Monomer (EPDM) gasket, the corner bracket for external frame made of Aluminium 'L'-Angle, Corner Bracket for internal frame made of Polypropylene, Crescent Latch, Rollers, & EPDM Gaskets for shutters, wool pile for lap strip, Bump Stop Base & Rubber for shutter stopper including fixing to brick/concrete masonry using Nylon self-expanding caps and driving MS electroplated 80mm long screws into the caps through frames and fixing 10mm square guard bars with 6" pitch centre to centre (152.4mm) and all taxes completed for finished item of work.	1 Sqm	5,952.00	25.20



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
544	TBSC-M.II-13	Providing and Fixing Pre painted Steel Sliding Windows / Doors - 3 track sliding window /doors shutter with mesh shutter - (2 - glass shutters and 1 - mesh shutter) 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 0.58mm. 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. Section for external frame should be of 44 x 107mm .Section for glass shutter and mesh shutter in case of door should be of 35 x 67 mm Section for euro groove should be 25 x 31mm (Aluminium/ Plastic) (in case of window sections should be 35 x 49 mm and 25 x 24 mm and 30 x 41 mm) and Lap Strip should be of 39 x 41mm (30 x 41 mm & Touch lock for window ) (Aluminium/ Plastic. The doors/ windows should be paneled with 5mm thick plain float glass. Corner bracket for internal and external frame made of glass filled nylon. Gaskets are to be made of Ethyl Propylene Diimine Monomer (EPDM). The sections are to be cut to	1 Sqm	7,500.00	25.21
545	TBSC-M.II-14	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) 2 Track-2 Panel Sliding windows duly manufactured using UPVC reinforced profiles of 60 mm x 49 mm x 2.20 mm for outer frames, 62 mm x 41 mm x 2.20 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with 30 mm 15 mm x 1.5 mm with hot dip galvanized up to 50 microns of minimum thickness of 1.0/1.2 mm prefabricated & welded through fusion welding. The window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC. System shall have single point locking with Touch Lock 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 complete for finished item of work.	1 Sqm	7,232.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
546	TBSC-M.II-15	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) 2 Track-2 Panel Sliding windows with mesh duly manufactured using UPVC reinforced profiles of 91 mm x 49 mm x 2.20 mm for outer frames, 62 mm x 41 mm x 2.20 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with 30 mm 15 mm x 1.5 mm with hot dip galvanized up to 50 microns of minimum thickness of 1.0/1.2 mm and the shutter of flyscreen with fibre mesh shall be made of size 21mm x 58mm extruded uPVC window profile section of white colour having outer wall thickness of 2.2mm (± 0.3mm) provided with reinforcement of minimum 1.5mm thick G/J/U/S/O type GI section duly mitered cut and thermal welded at all corners and prefabricated & welded through fusion welding. The window sash shall be fitted with 5 mm thick clear float glass of reputed make & Glazing bead shall be co-extruded with Grey colour soft PVC. System shall have single point locking with Touch Lock 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	1 Sqm	8,370.00	25.21
<b>III</b>	<b>SUB-SECTION</b>	<b>VENTILLATORS</b>			
547	TBSC-M.III-01	Supply and fixing of pre-painted steel top hung and fixed louvered ventilators made of pre - painted steel as per IS 513 of -0.58 mm thick 'D quality, galvanized as per IS 277, finish painted with a polyester paint & 4 mm pinhead glass for ventilators with EPDM Gasket 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 for (i) 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 and (ii) 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 and (iii) 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	6,924.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
548	TBSC-M.III-02	Supply and fixing of pre-painted steel top hung and fixed louvered ventilators made of pre - painted steel as per IS 513 of -0.58 mm thick 'D' quality, galvanized as per IS 277, finish painted with a polyester paint & 4 mm pinhead glass for ventilators with EPDM Gasket 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 for (i) Ventilators: Fixed louvers 2'-0 x 2'-0 (609.6x609.6mm)(Box section) outer frame section size of 33 x 56 mm and (ii) 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 and (iii) 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	4,737.00	25.22
549	TBSC-M.III-03	Providing and fixing of top hung Ventilators made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with a polyester paint with 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work for (i) Single open able ventilator shutter size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm thick and (ii) Double open able ventilator shutter Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame section size of 80 x 45mm,shutter frame section size of 52 x 25mm, vertical mullion section size of 80 x 60 mm and (iii) Double open able fix shutter size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame section size of 80 x 45mm , shutter frame section size of 52 x 25 mm Vertical	1 Sqm	6,105.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
550	TBSC-M.III-04	Providing and fixing of louvered Ventilators made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with a polyester paint with and fitted with 4 mm thick plain float glass including fixing the frames in concrete/masonry wall by means of self expanding screws, etc., complete for finished item of work for (i) Single fixed Louvers Ventilator size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 80 x 45mm and (ii) Double fixed Louvers ventilator Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 80 x 45mm, vertical mullion section size of 80 x 60 mm and (iii) Double fixed Louvers Ventilator size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size of 80 x 45mm , Vertical mullion section size of 80 x 60 mm	1 Sqm	4,177.00	25.21
551	TBSC-M.III-05	Providing and fixing of top hung Ventilator with fly mesh made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc, finish painted with a polyester paint, section for fly-shutter of 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work for (i) Single open able ventilator shutter window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 100 x 45mm, Glazed and fly mesh shutter frame section size of 52 x 25mm thick and (ii) Double open able ventilator shutter window Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame section size of 100 x 45mm. Glazed and fly mesh shutter frame section size	1 Sqm	7,551.00	25.20

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
552	TBSC-M.III-06	Providing and fixing of top hung Ventilator with fly mesh made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc, finish painted with a polyester paint, section for fly-shutter of 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work for (i) Single fixed Louvers Ventilator window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 100 x 45mm, fly mesh shutter frame section size 52 x 25 mm and (ii) Double fixed Louvers ventilator window Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 100 x 45mm, fly mesh	1 Sqm	5,088.00	25.20
553	TBSC-M.III-07	Providing, supplying & fixing of Fixed Louvered Ventilator made out of multi chambered uPVC sections with Glazing bead shall be co-extruded with Grey colour soft PVC. having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The outer frame having an overall size of 60 mm x 55 mm x 2.40 with reinforcement of 1 mm thickness and Mullion with overall size of 74 mm x 60 mm x 2.40 mm with reinforcement of 1 mm thickness. (Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin).Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware. Wall thickness of frame & Mullion shall be 2.4 mm.,including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site complete for finished item of work.	1 Sqm	6,606.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
554	TBSC-M.III-08	Providing, supplying & fixing of Top hung Ventilator With Exhaust Fan Provision made out of multi chambered uPVC sections with TPV Gasket for sash & Glazing bead shall be co-extruded with Grey colour soft PVC and reinforced with Galvanized Iron profiles throughout the window. The outer frame having a overall size of 60mm x 55 mm x 2.40 mm with reinforcement of 1 mm thickness, Mullion with overall size of 74 mm x 60 mm x 2.40 mm with reinforcement of 1 mm thickness and Sash with overall size of 75 mm x 60 mm x 2.40 mm with reinforcement of 1.0/1.2 mm thickness. (Composition of profile shall consists a minimum of 5.5 PHR of TiO2 and not more than 12 PHR of CaCo3 for every 100 parts of PVC resin).Glazing bead for fixing of glass shall be of size 34 x 20 mm coextruded with soft PVC gasket. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware, single point locking using cockspur handle and friction stays. Wall thickness of frame, mullion and sash shall be 2.4 mm.,including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site complete for finished item of work.	1 Sqm	9,295.00	25.20
<b>N</b>	<b>SECTION</b>	<b>STRUCTURAL GLAZING &amp; CURTAIN WALLING</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>FIXED GLAZING</b>			
555	TBSC-N.I-01	Supplying and fixing of curtain Glazing made of pre painted steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 Primer coated with epoxy, finish painted with a polyester paint using the section for outer frame of 46 x 52 mm, section for mullion of 46 x 70 mm and section for beading of 18 x 25 mm and the glazing with 5 mm thick plain float glass fitted with EPDM gaskets including handle made of high grade Aluminium powder coated and nylon receiver, corner brackets made of CRCA with zinc phosphating, mullion caps made of Glass filled nylon including fixing the frames in the concrete / masonry wall with self expanding screws, etc., complete for finished item.- Fixed Glazing 2'-0 x 2'-0 (609.6x609.6mm) and Fixed Glazing 2'-0 x 3'-0 (609.6x914.4mm)	1 Sqm	6,013.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
556	TBSC-N.I-02	Supplying and fixing of curtain Glazing made of pre painted steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 Primer coated with epoxy, finish painted with a polyester paint using the section for outer frame of 46 x 52 mm, section for mullion of 46 x 70 mm and section for beading of 18 x 25 mm and the glazing with 5 mm thick plain float glass fitted with EPDM gaskets including handle made of high grade Aluminium powder coated and nylon receiver, corner brackets made of CRCA with zinc phosphating, mullion caps made of Glass filled nylon including fixing the frames in the concrete / masonry wall with self expanding screws, etc., complete for finished item.- Fixed Glazing 3'-0 x 3'-0 (914.4x914.4mm) and Fixed Glazing 3'-0 x 4'-0 (914.4x1219.2mm)	1 Sqm	5,102.00	25.20
557	TBSC-N.I-03	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Fixed Glazing - 48 series duly manufactured using UPVC reinforced profiles of 60 mm x 48 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 76 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	3,240.00	25.19
558	TBSC-N.I-04	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Fixed Glazing duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 70 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	3,872.00	25.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
559	TBSC-N.I-05	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Fixed Glazing/ Window duly manufactured using UPVC reinforced profiles of 60 mm x 60 mm x 2.60 mm for frames and the mullion sections are of 60 mm x 82 mm x 2.60 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of size 35 mm x 28 mm of thickness 1.5 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant and glazing bead 34.5 mm x 18 mm including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	4,856.00	25.22
<b>II</b>	<b>SUB-SECTION</b>	<b>STRUCTURAL GLAZING</b>			
560	TBSC-N.II-01	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 and the glass holding section made of 304 grade stainless steel of 0.58 mm thick galvanized steel section as stiffeners inside the colour coated steel powder coated sections as per the design requirement & calculations to suit wind pressures as given in IS: 875, the primer coat with epoxy primer, finish painted with a polyester paint or powder coated with pure polyester powder and the vertical section of 50 mm x 99 mm x 0.72 mm, 33 mm x 56 mm x 0.72 mm for frame horizontal section, stiffener section of 47 mm x 97 mm x 1 mm, cover profiles sections of 20 mm x 58 mm x 0.58 mm, glass holding section of 37 mm x 37 mm & 37 mm x 18 mm including fixing 5mm thick Ocean Blue reflective glass, brackets made of CRCA powder coated/Electroplated to connect vertical to horizontal, vertical to slab, to fix verticals at top & bottom as per site requirement and EPDM gasket, U.V. resistant silicon sealant including fixing in concrete/masonry wall with self-expanding cap & screws inclusive of cost and conveyance of all materials to site, all labour charges	1 Sqm	7,288.00	25.20



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
561	TBSC-N.II-02	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 and the glass holding section made of 304 grade stainless steel of 0.58 mm thick, duly providing stiffeners inside the colour coated steel/powder coated sections as per the design requirement, calculations to suit wind pressures as given in IS 875 and primer coat with epoxy primer and powder coated with pure polyester powder up to 50-60 microns thick and the outer frame of 20 mm x 58 mm x 0.58 mm, shutter sections of 57 mm x 33 mm x 0.72 mm, stiffener sections of 55 mm x 31 mm x 1mm, hinges - 2 Nos for each shutter and aluminium Stays - 2 Nos. for each shutter, aluminium Handle - 1 no. for each shutter including cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and fixing charges etc excluding scaffolding complete for finished item of work	1 Sqm	5,891.00	25.21
<b>III</b>	<b>SUB-SECTION</b>	<b>CURTAIN WALLING</b>			#DIV/0!
562	TBSC-N.III-01	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Curtain Walling systems duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.5 mm for outer frames, 60 mm x 70 mm x 2.5 mm for casement shutter frames and the mullion sections are of 60 mm x 70 mm x 2.5 mm or 60 mm x 62 mm x 2.5 mm for sliding shutter outer frames and 77 mm x 38 mm x 2.5 mm for sliding shutter frames structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant and accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation for sliding window - clipping locking system 1 No. made of aluminium including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing excluding scaffolding complete for finished item of work	1 Sqm	6,903.00	25.21
<b>P</b>	<b>SECTION</b>	<b>FIXTURES FOR DOORS &amp; WINDOWS</b>			
		<b>(Landing cost - including material VAT, loading, cost of conveyance, unloading &amp; stacking)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>TOWER BOLTS</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
563	TBSC-P.I-01	Brass Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	177.00	29.20
564	TBSC-P.I-02	Brass Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	260.00	28.71
565	TBSC-P.I-03	Brass Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	347.00	29.00
566	TBSC-P.I-04	Brass Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	431.00	28.66
567	TBSC-P.I-05	Brass Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	530.00	28.95
568	TBSC-P.I-06	Aluminium Tower Bolt-10 mm Bolt (IS:204) 75 mm Long	Each	77.00	28.33
569	TBSC-P.I-07	Aluminium Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	95.00	28.38
570	TBSC-P.I-08	Aluminium Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	114.00	28.09
571	TBSC-P.I-09	Aluminium Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	141.00	29.36
572	TBSC-P.I-10	Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	170.00	28.79
573	TBSC-P.I-11	Aluminium Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	198.00	28.57
574	TBSC-P.I-12	Aluminium Tower Bolt-10 mm Bolt (IS:204) 350 mm Long	Each	534.00	28.67
575	TBSC-P.I-13	Aluminium Tower Bolt-10 mm Bolt (IS:204) 450 mm Long	Each	676.00	28.76
576	TBSC-P.I-14	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	26.00	30.00
577	TBSC-P.I-15	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	38.00	26.67
578	TBSC-P.I-16	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	56.00	30.23
579	TBSC-P.I-17	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	75.00	29.31
580	TBSC-P.I-18	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	93.00	29.17
<b>II</b>	<b>SUB-SECTION</b>	<b>HINGES</b>			
581	TBSC-P.II-01	Brass Butt hinges (IS:205)- 75 mm Long	Each	73.00	28.07
582	TBSC-P.II-02	Brass Butt hinges (IS:205)- 100 mm Long	Each	240.00	29.03
583	TBSC-P.II-03	Brass Butt hinges (IS:205)- 125 mm Long	Each	290.00	28.89
584	TBSC-P.II-04	Brass Butt hinges (IS:205)- 150 mm Long	Each	383.00	28.96
585	TBSC-P.II-05	Aluminium Butt hinges (IS:205)- 75 mm Long	Each	111.00	29.07
586	TBSC-P.II-06	Aluminium Butt hinges (IS:205)- 100 mm Long	Each	132.00	29.41
587	TBSC-P.II-07	Aluminium Butt hinges (IS:205)- 125 mm Long	Each	159.00	29.27
588	TBSC-P.II-08	Aluminium Butt hinges (IS:205)- 150 mm Long	Each	165.00	28.91
589	TBSC-P.II-09	MS-Powder Coated Butt hinges (IS:205)- 75 mm Long	Each	12.00	33.33

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
590	TBSC-P.II-10	MS-Powder Coated Butt hinges (IS:205)- 100 mm Long	Each	23.00	27.78
591	TBSC-P.II-11	MS-Powder Coated Butt hinges (IS:205)- 125 mm Long	Each	34.00	30.77
592	TBSC-P.II-12	MS-Powder Coated Butt hinges (IS:205)- 150 mm Long	Each	44.00	29.41
593	TBSC-P.II-13	Deluxe window stay Aluminium	Each	144.00	28.57
594	TBSC-P.II-14	Brass Windows Stay	Each	224.00	28.74
595	TBSC-P.II-15	GI Powder Coated Friction stay hinges of 10" Long for windows	Each	235.00	29.12
596	TBSC-P.II-16	Continuous Piano Hinges Powder coated Mild steel as per IS-3818 : 1992 of nominal size 25 mm (B) of thickness 0.8 to 1.0 mm	1 RM	35.00	29.63
597	TBSC-P.II-17	Box hinges for cup boards	1 Each	45.00	28.57
598	TBSC-P.II-18	GI Powder Coated Friction stay hinges of 14" Long for windows	1 Each	330.00	28.91
<b>III</b>	<b>SUB-SECTION</b>	<b>DOOR HANDLES</b>			
599	TBSC-P.III-01	Aluminium Door Handles (IS:208) 75 mm Long	Each	75.00	29.31
600	TBSC-P.III-02	Aluminium Door Handles (IS:208) 100 mm Long	Each	84.00	29.23
601	TBSC-P.III-03	Aluminium Door Handles (IS:208) 125 mm Long	Each	126.00	28.57
602	TBSC-P.III-04	Aluminium Door Handles (IS:208) 150 mm Long	Each	140.00	28.44
603	TBSC-P.III-05	MS-Powder Coated Door Handles (IS:208) 125 mm Long	Each	34.00	30.77
604	TBSC-P.III-06	MS-Powder Coated Door Handles (IS:208) 150 mm Long	Each	50.00	28.21
605	TBSC-P.III-07	Brass fancy handles 150 mm	Each	335.00	28.85
606	TBSC-P.III-08	Brass fancy handles 200 mm	Each	454.00	28.98
607	TBSC-P.III-09	Brass fancy handles 250 mm	Each	819.00	28.77
608	TBSC-P.III-10	Brass fancy handles 300 mm	Each	1,045.00	28.85
609	TBSC-P.III-11	Brass fancy handles 450 mm	Each	1,635.00	28.84
610	TBSC-P.III-12	Keyless lockset for toilet doors with CP or PC knob handles (complete set)	Each	348.00	28.89
611	TBSC-P.III-13	Keyless lock set for toilet doors with brass knob handles	Each	921.00	28.81
612	TBSC-P.III-14	Hard Nylon Window Handle	Each	70.00	29.63
<b>IV</b>	<b>SUB-SECTION</b>	<b>ALDROPS</b>			
613	TBSC-P.IV-01	Brass Aldrop (IS:2681) 300 mm long	Each	1,284.00	28.79
614	TBSC-P.IV-02	Brass Aldrop (IS:2681) 350 mm long	Each	2,473.00	28.80
615	TBSC-P.IV-03	Brass Aldrop (IS:2681) 450 mm long	Each	3,522.00	28.82
616	TBSC-P.IV-04	Aluminium Aldrop (IS:2681) 200 mm long	Each	329.00	29.02
617	TBSC-P.IV-05	Aluminium Aldrop (IS:2681) 250 mm long	Each	391.00	28.62
618	TBSC-P.IV-06	Aluminium Aldrop (IS:2681) 300 mm long	Each	425.00	28.79
619	TBSC-P.IV-07	MS-Powder Coated Aldrop (IS:2681) 200 mm long	Each	115.00	29.21
620	TBSC-P.IV-08	MS-Powder Coated Aldrop (IS:2681) 250 mm long	Each	151.00	29.06
621	TBSC-P.IV-09	MS-Powder Coated Aldrop (IS:2681) 300 mm long	Each	181.00	28.37
<b>V</b>	<b>SUB-SECTION</b>	<b>LATCHES</b>			
622	TBSC-P.V-01	Brass latch heavy 300 mm	Each	644.00	28.80
623	TBSC-P.V-02	Brass latch heavy 350 mm	Each	740.00	28.92

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
624	TBSC-P.V-03	Brass latch heavy 450 mm	Each	976.00	28.76
625	TBSC-P.V-04	Aluminium Flat Latches: 200 mm long	Each	159.00	29.27
626	TBSC-P.V-05	Aluminium Flat Latches: 250 mm long	Each	179.00	28.78
627	TBSC-P.V-06	Aluminium Flat Latches: 300 mm long	Each	188.00	28.77
628	TBSC-P.V-07	MS-Powder Coated Flat Latches: 250 mm long	Each	58.00	28.89
629	TBSC-P.V-08	MS-Powder Coated Flat Latches: 300 mm long	Each	73.00	28.07
<b>VI</b>	<b>SUB-SECTION</b>	<b>DOOR CLOSURES</b>			
630	TBSC-P.VI-01	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	1,035.00	25.15
631	TBSC-P.VI-02	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	1,198.00	25.18
632	TBSC-P.VI-03	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	1,282.00	25.20
633	TBSC-P.VI-04	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	1,345.00	25.23
<b>VII</b>	<b>SUB-SECTION</b>	<b>FLOOR SPRINGS</b>			
634	TBSC-P.VII-01	Double action Stainless steel cover plate and cast body iron floor spring (IS 6315- Table-1)	Each	1,912.00	28.84
635	TBSC-P.VII-02	Double action Brass cover plate and cast brass body floor spring (IS 6315- Table-1)	Each	4,536.00	28.83
636	TBSC-P.VII-03	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	3,788.00	25.22
637	TBSC-P.VII-04	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	2,816.00	25.21

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
638	TBSC-P.VII-05	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	12,513.00	28.81
<b>VIII</b>	<b>SUB-SECTION</b>	<b>MORTICE LOCKS</b>			
639	TBSC-P.VIII-01	Heavy duty mortice lock 6/7 levers (IS:2209) with PC or CP handles complete set	Each	935.00	28.79
640	TBSC-P.VIII-02	Heavy duty mortice lock 6/7 levers (IS:2209) with brass heavy handles	Each	2,405.00	28.82
<b>IX</b>	<b>SUB-SECTION</b>	<b>OTHER ACCESSORIES</b>			
641	TBSC-P.IX-01	Brass Door Stoppers	Each	198.00	28.57
642	TBSC-P.IX-02	MS-Powder Coated - Door Stoppers	Each	50.00	28.21
643	TBSC-P.IX-03	Heavy duty Aluminium Door stopper	Each	63.00	28.57
644	TBSC-P.IX-04	Rubber/ Nylon door stop bushes	1 Each	10.00	25.00
645	TBSC-P.IX-05	Supply & fixing drapery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	RM	128.00	29.29
646	TBSC-P.IX-06	Supply & fixing drapery bracket - brass powder coated	pair	451.00	28.86
647	TBSC-P.IX-07	Nylon rollers for sliding glasses/ alluminium windows	1 Each	15.00	25.00
648	TBSC-P.IX-08	MS Z Hold fasts - 300 mm long of 40 x 40 x 5 mm ISA	1 Each	35.00	29.63
649	TBSC-P.IX-09	Magnetic Catchers	1 Each	15.00	25.00
<b>Q</b>	<b>SECTION</b>	<b>CONSTRUCTION CHEMICALS &amp; ADMIXTURES</b>			
		<b>Approved brands, area of application, dosage etc have been appended to this SoR for the guidance for preparation of estimates only. However, literature for usage/ application of construction/ water proofing materials, epoxies etc, may be obtained from the manufacturers, while in execution.</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>PLASTICIZERS</b>			
650	TBSC-Q.I-01	Concrete Plasticizers and Water reducing admixture Conforming to IS:9103-1999	1 Ltr	200.00	29.03
651	TBSC-Q.I-02	Early High Strength, High water retention, polycarboxylic plasticizers Conforming to IS:9103-1999	1 Kg	140.00	28.44
652	TBSC-Q.I-03	High performance super plasticizer and water reducing admixture Conforming to IS: 9103-1999	1 Kg	95.00	28.38
653	TBSC-Q.I-04	Super plasticizer for high range water reducing admixture Conforming to IS: 9103-1999	1 Kg	105.00	28.05
654	TBSC-Q.I-05	Super plasticizer, high range water reducing and retarding admixture complying with IS: 9103-1999	1 Kg	115.00	29.21
655	TBSC-Q.I-06	Plasticizer for accelerator for sprayed concrete Conforming to IS: 9103-1999.	1Kg	85.00	28.79

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
<b>II</b>	<b>SUB-SECTION</b>	<b>WATER PROOFING COMPOUNDS</b>			
656	TBSC-Q.II-01	Integral Cement Waterproofing Liquid Conforming to IS: 2645-2003	1 Ltr	210.00	28.83
657	TBSC-Q.II-02	High durable cementitious acrylic based waterproofing systems	1 Kg	134.00	28.85
658	TBSC-Q.II-03	Acrylic Polymer Elastomeric Cementitious Waterproof Coatings	1 Ltr	350.00	28.68
659	TBSC-Q.II-04	Single component, elastomeric waterproof membrane coating	1 Ltr	425.00	28.79
660	TBSC-Q.II-05	Quick setting, rapid hardening and water proofing compound Conforming to IS: I.S. 2645-2003	1 Ltr	80.00	29.03
661	TBSC-Q.II-06	Highly Flexible Waterproof Acrylic Elastomeric bituminous Blended Coatings	1 Ltr	300.00	28.76
<b>III</b>	<b>SUB-SECTION</b>	<b>BONDING AGENTS</b>			
662	TBSC-Q.III-01	Acrylic based Bonding adhesive	1 Ltr	150.00	29.31
663	TBSC-Q.III-02	Styrene butadiene rubber based bonding agent	1 Kg	450.00	28.94
664	TBSC-Q.III-03	Two Parts system of Epoxy Bonding adhesive Conforming to ASTM-C 881	1 Kg	870.00	28.89
<b>IV</b>	<b>SUB-SECTION</b>	<b>ANTI-CORROSIVE AGENTS</b>			
665	TBSC-Q.IV-01	Acrylic based Anti corrosive coating	1 Ltr	350.00	28.68
666	TBSC-Q.IV-02	Rust converter –rust encapsulating coating for steel	1 Ltr	480.00	28.69
667	TBSC-Q.IV-03	High range of reinforcement / steel protector against corrosion zinc rich epoxy resin primer	1 Kg	750.00	28.87
668	TBSC-Q.IV-04	Anti corrosion CRPPC (Corrosion Resistant) inhibitive admixture	1 Lit	345.00	28.73
<b>V</b>	<b>SUB-SECTION</b>	<b>GROUTS</b>			
669	TBSC-Q.V-01	High Power Polyester Resin Anchor Grout Conforming to ASTM-827	1 Kg	300.00	28.76
670	TBSC-Q.V-02	Non-shrink Free flow high strength precision grout Conforming to BS 1881 Part 1161983.	1 Kg	34.00	30.77
671	TBSC-Q.V-03	Low viscosity Epoxy resin injection grout	1 Kg	800.00	28.82
672	TBSC-Q.V-04	Three component epoxy grout Conforming to IS: ASTM 827 (Three components)	1 Kg	160.00	29.03
<b>VI</b>	<b>SUB-SECTION</b>	<b>MISCELLANEOUS CHEMICALS</b>			
673	TBSC-Q.VI-01	Mould / Shutter releasing oil	1 Ltr	145.00	28.32
674	TBSC-Q.VI-02	Non oxidizing, heavy duty metallic Floor Hardeners	1 Kg	37.00	27.59
675	TBSC-Q.VI-03	Non-metallic Floor Hardeners	1 Kg	30.00	30.43
676	TBSC-Q.VI-04	High Strength, Non shrink Micro Concrete for structural repair product.	1 Kg	36.00	28.57
677	TBSC-Q.VI-05	Structural graded polymer modified reinstatement concrete / mortar (Two Part System)	1 Kg	85.00	28.79
678	TBSC-Q.VI-06	Three Component high performance elastomeric mortar.	1 Kg	950.00	28.73
679	TBSC-Q.VI-07	Surface treatment crystalline product.	1 Kg	360.00	29.03
680	TBSC-Q.VI-08	Polyurethane Sealant. 600 ml tube	1 No	730.00	28.75
681	TBSC-Q.VI-09	Polysulphide Sealant.	1 Kg	450.00	28.94
682	TBSC-Q.VI-10	Acrylic Latex caulking compound.	1 Kg	335.00	28.85
683	TBSC-Q.VI-11	Fast setting cement based plugging compound	1 Kg	85.00	28.79

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
684	TBSC-Q.VI-12	Highly Flexible High Range Polyurethane surface coatings	1 Ltr	650.00	28.71
685	TBSC-Q.VI-13	Coal Tar Epoxy	1 Kg	350.00	28.68
686	TBSC-Q.VI-14	Water Based Acrylic Blended High power curing compound	1 Kg	100.00	28.21
687	TBSC-Q.VI-15	Bituminous hot sealing compound	1 Kg	120.00	17.65
688	TBSC-Q.VI-16	Bitumen solution primer coating.	1 Kg	85.00	18.06
689	TBSC-Q.VI-17	Air Entraining Agent Conforming to IS: 9103-99	1 Ltr	120.00	29.03
690	TBSC-Q.VI-18	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	1 Liter	228.00	28.81
<b>VII</b>	<b>SUB-SECTION</b>	<b>REPAIRING &amp; TREATMENT WORKS</b>			
691	TBSC-Q.VII-01	Providing Tar Felting roof repair with approved brand Tar Felt duly applying one coat of appropriate grade of bitumen in hot condition @ 0.2 Kg/1 Sqm of roof area, fixing tar felt (Conforming to IS 1322-1972 specification), applying second coat of appropriate grade of hot bitumen at 1.20 Kg / 1 Sqm of roof area and spreading course aggregate (sand) at 0.063 Cum per 1 Sqm of roof area finished item.	1 Sqm	260.00	18.18
692	TBSC-Q.VII-02	Providing waterproofing treatment by supplying and fixing synthetic membrane felt of 1.50 mm thickness, 2.25 Kg per Sq. Mtr. duly applying one coat of Bituminous Emulsion, first coat of bituminous grade 85/25, fix waterproofing membrane, applying second coat of bitumen grade 90/15 after sealing all the joints and abutments with a Gas torch and applying one coat of bituminous aluminum paint for heat resistance for finished item.	1 Sqm	360.00	25.00
693	TBSC-Q.VII-03	Providing and laying of 3mm thick app modified bitumen membrane treatment to the terrace duly [1]removing of existing tar felt. [2]cleaning of the surface from dirt, dust and other contaminations. [3]application of one coat of Bitumen primer [4]providing and laying of 3mm thick APP Modified Bitumen Membrane with 100 mm overlap fixing with butane torch.	1 Sqm	490.00	25.32
694	TBSC-Q.VII-04	Providing specialized high performance acrylic polymer modified elastomeric cementitious waterproof coating to the terrace / walls / internal portion of the bathroom & toilets / internal portion of the water tanks duly cleaning of the surface from dirt, dust and other contaminations, providing and application of Two coats of High performance Acrylic polymer modified Elastomeric cementitious waterproof coating ( 1.8 Sq. Mtr. / Kg /Each Coat )	1 Sqm	390.00	28.71

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
695	TBSC-Q.VII-05	Providing specialized high build, elastomeric acrylic bituminous blended coating to the terrace / internal portion of the bathroom / toilets / basements / roofing duly a). Cleaning of the surface. b). Applying primer coat of High Build, Elastomeric Acrylic Bituminous Blended Coating c). Application of Two coats of High Build, Elastomeric Acrylic Bituminous Blended Coating	1 Sqm	360.00	29.03
696	TBSC-Q.VII-06	Providing specialized high solid, cold applied, acrylic elastomeric liquid membrane coating treatment to the terrace / roofing with fiber mesh / geo fabric duly a. Cleaning of the surface from dirt, dust and other contaminations. b. Applying one coat of High solid, Cold applied, Acrylic Elastomeric Liquid Membrane coating c. immediately, Application of one coat of High solid, Cold applied, Acrylic Elastomeric Liquid Membrane coating e. Laying of fiber mesh 40 GSM / Geo fabric 40 GSM on the surface. f. Over the Fiber mesh, Application of two coats of High solid, cold applied, Acrylic Elastomeric Liquid Membrane Coating	1 Sqm	570.00	28.67
697	TBSC-Q.VII-07	Providing specialized polysulphide sealant treatment to the expansion joints (Size : 25mm x 12mm) duly a). Chipping and removing of existing covering on expansion joints b). Cleaning of the surface from dirt, dust and other contaminations c).Application of one coat of - High performance specially designed SBR latex polymer based bonding agent d). Providing and application of Acrylic Polymer modified reinstatement concrete /mortar to the damaged edges of joint and making the groove. e). Providing and fixing of masking tape on top of the joint both sides f). Providing and fixing of Back up support material of Backer rod to leave the depth of 12mm on the joint g). Providing and application of one coat of polysulphide primer on inner edges of Joint. h). Providing and application of Two part Polysulphide sealant to a width of 25mm and 12mm depth with putty knife and neat finish i). Removing of masking tape and providing and application of two coats of Acrylic elastomeric cementitious coating	1 RM	650.00	28.71
698	TBSC-Q.VII-08	Pressure grouting the drilled holes with neat cement slurry or with approved grout admixture using pump - excluding cost of drilling holes	1 Each	50.00	0.00
<b>VIII</b>	<b>SUB-SECTION</b>	<b>EXPANSION JOINTS</b>			



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
699	TBSC-Q.VIII-01	Supply of high performance expansion joint filler board conforming to IS: 1838 - 18 mm THICK	1 Sqm	804.00	18.06
700	TBSC-Q.VIII-02	Supply of high performance expansion joint filler board conforming to IS: 1838 - 20 mm THICK	1 Sqm	902.00	18.06
701	TBSC-Q.VIII-03	Supply of high performance expansion joint filler board conforming to IS: 1838 - 25 mm THICK	1 Sqm	1,127.00	18.13
702	TBSC-Q.VIII-04	Supply of expansion joint filler board conforming to IS: 1838 for buildings, columns, beams and slabs 20 mm THICK	1 Sqm	322.00	17.95
703	TBSC-Q.VIII-05	Supply of expansion joint filler board conforming to IS: 1838 for buildings, columns, beams and slabs 25 mm THICK	1 Sqm	403.00	18.18
704	TBSC-Q.VIII-06	Supply of expansion joint filler board conforming to IS: 1838 for buildings, columns, beams and slabs 50 mm THICK	1 Sqm	804.00	18.06
705	TBSC-Q.VIII-07	Supply of back up to cold applied gun-grade polysulphide sealant conforming to IS:11433 (Part-1) in construction and longitudinal joint - 10 mm OD	1 RM	13.00	30.00
706	TBSC-Q.VIII-08	Supply of back up to cold applied gun-grade polysulphide sealant conforming to IS:11433 (Part-1) in construction and longitudinal joint - 12 mm OD	1 RM	15.00	25.00
707	TBSC-Q.VIII-09	Supply of back up to cold applied gun-grade polysulphide sealant conforming to IS:11433 (Part-1) in construction and longitudinal joint - 15 mm OD	1 RM	18.00	28.57
708	TBSC-Q.VIII-10	Supply of back up to cold applied gun-grade polysulphide sealant conforming to IS:11433 (Part-1) in construction and longitudinal joint - 20 mm OD	1 RM	26.00	30.00
709	TBSC-Q.VIII-11	Supply of back up to cold applied gun-grade polysulphide sealant conforming to IS:11433 (Part-1) in construction and longitudinal joint - 25 mm OD	1 RM	32.00	28.00
<b>R</b>	<b>SECTION</b>	<b>MISCELLANEOUS ITEMS</b>			
710	TBSC-R.I-01	Supply of White Cement conforming to IS:8042-1989	1 Kg	31.00	29.17
711	TBSC-R.I-02	Supply of well burnt cinder aggregates as per IS: 2686-1977	1 Cum	670.00	28.85
712	TBSC-R.I-03	Supply of Aluminium anodized Sections for Doors, partitions, windows, Ventilators (including annodization cost) conforming to IS: 11857 - 1986	1 Kg	321.00	28.92
713	TBSC-R.I-04	Providing Powder coating as per IS:13871-1993 or colour annodization as per IS:7088-1973 - on any aluminium or mild steel section	1 Kg	32.00	28.00
714	TBSC-R.I-05	Providing hot dip galvanizing to any steel section as per IS:2629-1985	1 Kg	20.00	25.00
715	TBSC-R.I-06	Supply of Clear Silicone Sealant (Glass Glue Sealant) of Gun Applicator grade	1 Kg	233.00	28.73
716	TBSC-R.I-07	Supply of Sun Control film to the glazed windows partition including labour charges.	1 Sqm	329.00	17.92
717	TBSC-R.I-08	Supply of Aluminium Venetian Blinds horizontal 25.4 mm wide with all accessories.	1 Sqm	838.00	18.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
718	TBSC-R.I-09	Supply of Aluminium Venetian Blinds horizontal 20.0 mm wide with all accessories.	1 Sqm	798.00	18.05
719	TBSC-R.I-10	Supply of Venetian blinds Vertical blinds 100 mm wide with all accessories.	1 Sqm	1,355.00	18.13
720	TBSC-R.I-11	Supply of Rubber Beading for glass fixing	1 RM	2.00	0.00
721	TBSC-R.I-12	Supply of Soft Brush for painting, varnishing etc	Each	148.00	14.73
722	TBSC-R.I-13	Supply of Wire Brush for scraping	Each	33.00	13.79
723	TBSC-R.I-14	Providing and fixing PVC door cladding to the flush doors shutters, for the new doors it shall be pasted with synthetic glue or nailed to the old doors. complete as per direction of Engineer -in - charge, manufacturers specification and drawing - 1 mm thick	1 Sqm	388.00	25.16
724	TBSC-R.I-15	Providing and fixing PVC door cladding to the flush doors shutters, for the new doors it shall be pasted with Synthetic glue 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	443.00	25.14
725	TBSC-R.I-16	Providing and fixing PVC door cladding to the flush doors shutters, for the new doors it shall be pasted with Synthetic glue 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	500.00	25.31
726	TBSC-R.I-17	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 labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, scaffolding charges, if any, <b>ACP Cladding - 3 mm thick</b>	1 Sqm	2,586.00	16.02

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
727	TBSC-R.I-18	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 labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, scaffolding charges, if any, ACP Cladding - 4 mm thick	1 Sqm	2,820.00	16.00
728	TBSC-R.I-19	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 labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, scaffolding charges, if any, ACP Cladding - 4 mm thick	1 Sqm	3,163.00	16.03
729	TBSC-R.I-20	S&F of pre-cast RCC Grills of any design of 25 mm thick manufactured with M-30 grade of concrete using vibro-compaction process using joint less FRP moulds to achieve shuttering finish and adequately reinforced for long use and to prevent damage during handling, transportation & erection etc.,	1 Sqm	378.00	29.01
730	TBSC-R.I-21	S&F of pre-cast RCC Grills of any design of 40 mm thick manufactured with M-30 grade of concrete using vibro-compaction process using joint less FRP moulds to achieve shuttering finish and adequately reinforced for long use and to prevent damage during handling, transportation & erection etc.,	1 Sqm	527.00	28.85
731	TBSC-R.I-22	S&F of pre-cast RCC Grills of any design of 50 mm thick manufactured with M-30 grade of concrete using vibro-compaction process using joint less FRP moulds to achieve shuttering finish and adequately reinforced for long use and to prevent damage during handling, transportation & erection etc.,	1 Sqm	620.00	28.90
732	TBSC-R.I-23	Supply of Aluminium sheet 24 Gauge	1 Sqm	302.00	17.97
733	TBSC-R.I-24	Supply of 7.5mm thick Aluminium Grill (as approved by the department) 3.58 Kg/1 Sqm	1 Sqm	1,112.00	18.17

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
		Design, fabrication & supply of light weight pre engineered buildings for a maximum span of 9 meters 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			
734	TBSC-R.I-25	Steel Structure: - Structure is made up of 50x50x2.8 m/33x66x2.8mm thick hollow M.S. sections for - Columns and purlins	1 RM	415.00	18.23
735	TBSC-R.I-26	Steel Structure: - Structure is made up of 50x50x2.8 m/33x66x2.8mm thick hollow M.S. sections for Trusses	1 RM	2,086.00	18.12
736	TBSC-R.I-27	10 mm thick 200 X 200 mm M.S Plates for base plates, 250mm long 12mm anchor bolts with plate washer and nuts complete with one coat of Asian or equivalent red oxide paint	Each	705.00	18.09
737	TBSC-R.I-28	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	1,501.00	18.10
738	TBSC-R.I-29	'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	162.00	18.25
739	TBSC-R.I-30	G I 'H' Section is made up of forming width of 275 mm single sheet roll formed in the shape of "H" section without any welding joint. 40mm width for flanges and 51 mm for web to hold 50 mm Sandwich panel	1RM	266.00	18.22
740	TBSC-R.I-31	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.	1 RM	316.00	17.91
741	TBSC-R.I-32	150 mm X 150 mm X 2.0 mm size M. S. Corner Cover Plate	1 RM	380.00	18.01

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
742	TBSC-R.I-31	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	4,591.00	18.11
743	TBSC-R.I-32	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	4,394.00	18.12
744	TBSC-R.I-33	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	4,917.00	18.11
745	TBSC-R.I-34	Painting:-1) Steel structure is to be painted with 2 coats of Grade I enamel paint.	1 Sqm	124.00	18.10
746	TBSC-R.I-35	2) Exterior walls are painted with one coast of primer and 2 coats of exterior emulsion paint .	1 Sqm	111.00	18.09
747	TBSC-R.I-36	3) Interiors are painted with 1+2 coat of O.B.D.	1 Sqm	97.00	18.29
748	TBSC-R.I-37	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	1,050.00	18.11
749	TBSC-R.I-38	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	3,541.00	18.11
750	TBSC-R.I-39	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 grove.	1 Sqm	799.00	18.20
751	TBSC-R.I-40	Preparing gabions with jungle wood	Each	3.00	0.00
752	TBSC-R.I-41	Planting plants	Each	2.00	0.00
753	TBSC-R.I-42	Pruning plants	Each	2.00	0.00
754	TBSC-R.I-43	Maintaining avenues including fencing, weeding, mulching, watering etc per plant.	Each	6.00	0.00
755	TBSC-R.I-44	Maintaining avenues including fencing, weeding, mulching, watering etc per plant When scattered in hot weather with extra conveyance from March to June	Each	7.00	0.00
756	TBSC-R.I-45	Hoisting or lowering of slab	1 cum	105.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
757	TBSC-R.I-46	Drilling holes in hard rock surfaces up to 18mm Diameter	1 RM	247.00	0.00
758	TBSC-R.I-47	Drilling holes in hard rock above 18mm Diameter	1 RM	344.00	0.00
759	TBSC-R.I-48	Making holes up to 18mm Diameter in RCC/ any stones up to 50 mm thick	1 Each	41.00	0.00
760	TBSC-R.I-49	Making holes above 18mm Diameter in RCC/ any stones above 50 mm thick	1 Each	57.00	0.00
761	TBSC-R.I-50	Supplying EPDM Gasket for windows panes to the PPS shutter	1 RM	35.00	29.63
762	TBSC-R.I-51	Supplying SS 304 Grade Heavy Duty Pivot Hinges for windows	1 Each	85.00	28.79
<b>S</b>	<b>SECTION</b>	<b>MACHINERY &amp; OTHER HIRE CHARGES</b>			
763	TBSC-S.I-01	Machine charges of rubbing/ polishing floor	1 Hr	268.00	0.00
764	TBSC-S.I-02	Power Saw Cutter - Hand Operated - Hire charges	1 Hr	125.00	0.00
765	TBSC-S.I-03	Power Drill - Hand Operated - Hire Charges	1 Hr	116.00	0.00
766	TBSC-S.I-04	Grinding Mortar (Special Grinding)	1 Hr	134.00	18.58
767	TBSC-S.I-05	Casuarinas Balli Props - 3" to 4" Diameter - 12'-0" Height	Each	73.00	0.00
768	TBSC-S.I-06	Casuarinas Balli Props - 4" to 8" Diameter - 20'-0" Height	Each	121.00	0.00
769	TBSC-S.I-07	Wall Plate Brackets / beam bottom supports	Each	212.00	0.00
770	TBSC-S.I-08	Wedge Plate fixture	Each	10.00	0.00
771	TBSC-S.I-09	Runner beams of approximately 4" x 4" size	RM	425.00	0.00
772	TBSC-S.I-10	Steel Plates for form works	1 Sqm	1,609.00	0.00
773	TBSC-S.I-11	Scaffolding Pipes & Centering accessories	1 Kg	121.00	0.00
774	TBSC-S.I-12	Scaffold Boards - Bamboo scaffolds - Bamboos - 8'0" long	Each	130.00	0.00
775	TBSC-S.I-13	Hire charges for stationary Concrete pump conforming to IS 21573 Part-1: 2006 to deliver the fresh green concrete	1 Hr	342.00	0.00
776	TBSC-S.I-14	Concrete delivery pipes conforming to IS 15947 Part I: 2012 to be connected to the pump to delivery point (150 mm Diameter) hire charges per 10 RM	1 Hr	4.00	0.00
<b>T</b>	<b>SECTION</b>	<b>LABOUR CHARGES</b>			
778	TBSC-T.I-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	240.00	0.00
779	TBSC-T.I-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	284.00	0.00
780	TBSC-T.I-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	331.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
781	TBSC-T.I-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	381.00	0.00
782	TBSC-T.I-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	592.00	0.00
783	TBSC-T.I-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	715.00	0.00
784	TBSC-T.I-07	Labour charges for making, fabricating office racks, cup-board shutters etc 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	600.00	0.00
785	TBSC-T.I-08	Labour charges for making, fabricating kitchen furniture, cup-boards with shutters, box cup-boards, box racks, work-station furniture etc 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	917.00	0.00
786	TBSC-T.I-09	Labour charges for making, fabricating any aluminium door/ window/ glazing including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, fixing in position with necessary screws excluding cost of materials, accessories, fittings excluding cost of anodization	1 Sqm	467.00	0.00
787	TBSC-T.I-10	Rounding the edges of Kadapa / Shahabad stone slabs of any thickness including polishing the same	1 Rm	104.00	0.00
788	TBSC-T.I-11	Half Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	315.00	0.00
789	TBSC-T.I-12	Full Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	408.00	0.00
790	TBSC-T.I-13	Machine Cutting charges - for Marble/ Granite slabs up to 50 mm thick by mechanical device.	1 RM	16.00	0.00
791	TBSC-T.I-14	Flat nosing to Kadapa/ Shahabad stone slabs of any thick	1 Rm	49.00	0.00
792	TBSC-T.I-15	Grooves 2-3 mm	1 Rm	55.00	0.00
793	TBSC-T.I-16	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	26.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
794	TBSC-T.I-17	Labour charges for fixing Iron Doors, Iron Windows and Window Grills in position	1 Kg	4.00	0.00
795	TBSC-T.I-18	Labour charges for fabricating all structural steel works like 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	23.00	0.00
796	TBSC-T.I-19	Labour charges for erecting & fixing all structural steel works like 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	21.00	0.00
797	TBSC-T.I-20	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	130.00	0.00
798	TBSC-T.I-21	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	1,742.00	0.00
799	TBSC-T.I-22	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Etching works	1 Sqm	948.00	0.00
800	TBSC-T.I-23	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Reverse Etching work	1 Sqm	1,172.00	0.00
801	TBSC-T.I-24	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Acid wash works	1 Sqm	1,465.00	0.00
802	TBSC-T.I-25	Labour charges for fixing Flush door shutters of any thickness to the existing door frame including fixing the fixtures to the door shutter excluding cost of shutter	1 Sqm	380.00	0.00
803	TBSC-T.I-26	Labour charges for fixing glass panes of any thickness to the existing door / window panes including fixing the beading excluding cost of beading	1 Sqm	284.00	0.00
804	TBSC-T.I-27	Labour charges for wrought and put up including fixing in position for Teak wood Fully panelled doors external or internal including frame	1 Sqm	1,633.00	0.00
805	TBSC-T.I-28	Labour charges for wrought and put up including fixing in position for Teak wood Glazed and panelled doors including fixing glass including frame	1 Sqm	1,516.00	0.00
806	TBSC-T.I-29	Labour charges for wrought and put up including fixing in position for Teak wood Framed and planked doors including frame	1 Sqm	1,354.00	0.00



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
807	TBSC-T.I-30	Labour charges for wrought and put up including fixing in position for Teak wood Ledge, braced and planked doors including frame	1 Sqm	1,059.00	0.00
808	TBSC-T.I-31	Labour charges for wrought and put up including fixing in position for Teak wood Flush type door shutter including frame	1 Sqm	765.00	0.00
809	TBSC-T.I-32	Labour charges for wrought and put up including fixing in position for Teak wood Windows glazed including outer frame and shutter frame	1 Sqm	1,023.00	0.00
810	TBSC-T.I-33	Labour charges for wrought and put up including fixing in position for Teak wood Windows panelled including outer frame and shutter frame	1 Sqm	1,575.00	0.00
811	TBSC-T.I-34	Labour charges for wrought and put up including fixing in position for Teak wood Windows ledge, braced and planked including outer frame	1 Sqm	1,077.00	0.00
812	TBSC-T.I-35	Labour charges for wrought and put up including fixing in position for Teak wood Windows framed and planked including outer frame and shutter frame	1 Sqm	1,286.00	0.00
813	TBSC-T.I-36	Labour charges for wrought and put up including fixing in position for Teak wood Ventilators glazed, fixed with double frame with wire netting including frame	1 Sqm	796.00	0.00
814	TBSC-T.I-37	Labour charges for wrought and put up including fixing in position for Teak wood Swing ventilators glazed including outer frame and shutter frame	1 Sqm	1,025.00	0.00
815	TBSC-T.I-38	Labour charges for wrought and put up including fixing in position for Teak wood Weld mesh doors and windows including outer frame and shutter frame	1 Sqm	547.00	0.00
816	TBSC-T.I-39	Labour charges for wrought and put up including fixing in position for Teak wood G.I or .AC sheet door & windows including outer frame and shutter frame	1 Sqm	626.00	0.00
817	TBSC-T.I-40	Labour charges for wrought and put up including fixing in position for Other than teakwood Fully panelled doors external or internal including frame	1 Sqm	1,446.00	0.00
818	TBSC-T.I-41	Labour charges for wrought and put up including fixing in position for Other than teakwood Glazed and panelled doors including fixing glass including frame	1 Sqm	1,364.00	0.00
819	TBSC-T.I-42	Labour charges for wrought and put up including fixing in position for Other than teakwood Framed and planked doors including frame	1 Sqm	1,199.00	0.00
820	TBSC-T.I-43	Labour charges for wrought and put up including fixing in position for Other than teakwood Ledge, braced and planked doors including frame	1 Sqm	938.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
821	TBSC-T.I-44	Labour charges for wrought and put up including fixing in position for Other than teakwood Flush type door shutter including frame	1 Sqm	717.00	0.00
822	TBSC-T.I-45	Labour charges for wrought and put up including fixing in position for Other than teakwood Windows glazed including outer frame and shutter frame	1 Sqm	922.00	0.00
823	TBSC-T.I-46	Labour charges for wrought and put up including fixing in position for Other than teakwood Windows panelled including outer frame and shutter frame	1 Sqm	1,395.00	0.00
824	TBSC-T.I-47	Labour charges for wrought and put up including fixing in position for Other than teakwood Windows ledged, braced and planked including outer frame	1 Sqm	953.00	0.00
825	TBSC-T.I-48	Labour charges for wrought and put up including fixing in position for Other than teakwood Windows framed and planked including outer frame and shutter frame	1 Sqm	1,139.00	0.00
826	TBSC-T.I-49	Labour charges for wrought and put up including fixing in position for Other than teakwood Ventilators glazed, fixed with double frame with wire netting including frame	1 Sqm	760.00	0.00
827	TBSC-T.I-50	Labour charges for wrought and put up including fixing in position for Other than teakwood Swing ventilators glazed including outer frame and shutter frame	1 Sqm	962.00	0.00
828	TBSC-T.I-51	Labour charges for wrought and put up including fixing in position for Other than teakwood Weld mesh doors and windows including outer frame and shutter frame	1 Sqm	511.00	0.00
829	TBSC-T.I-52	Labour charges for wrought and put up including fixing in position for Other than teakwood G.I or .AC sheet door & windows including outer frame and shutter frame	1 Sqm	598.00	0.00
830	TBSC-T.I-53	Dressing faces of granite stone (double line dressing)	1 Sqm	174.00	0.00
831	TBSC-T.I-54	Dressing faces of other than granite stone(double line dressing)	1 Sqm	108.00	0.00
832	TBSC-T.I-55	Labour charges for removing and refixing with complete servicing of the MS Windows	1 Sqm	370.00	0.00
<b>U</b>	<b>SECTION</b>	<b>DISMANTLING</b>			
833	TBSC-U.I-01	Stone masonry in cement mortar	1 Cum	394.00	0.00
834	TBSC-U.I-02	Terracing work in roofs or floors	1 Sqm	16.00	0.00
835	TBSC-U.I-03	Flat stones in roof or floors including lifting	1Sqm	14.00	0.00
836	TBSC-U.I-04	Pan tiled or Mangalore tiled roof without roof timbers.	1Sqm	12.00	0.00
837	TBSC-U.I-05	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	1Sqm	14.00	0.00
838	TBSC-U.I-06	Wrought and framed timber in roofs or floors	1 Cum	205.00	0.00
839	TBSC-U.I-07	Old lime mortar plaster	1Sqm	4.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
840	TBSC-U.I-08	Old cement mortar plaster	1Sqm	5.00	0.00
841	TBSC-U.I-09	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	65.00	0.00
842	TBSC-U.I-10	Revetment for aprons and stacking grouted within 40 lead	1 Cum	48.00	0.00
843	TBSC-U.I-11	Kadapa slabs or Shahabad stone slabs flooring on sand bed	1Sqm	7.00	0.00
844	TBSC-U.I-12	Through scraping of old plastered surface	1Sqm	4.00	0.00
845	TBSC-U.I-13	Washing of plastered surface with soap, soda and water (or with soda lime and water)	1Sqm	1.00	0.00
846	TBSC-U.I-14	Clean removal of lime plaster from walls and raking out joints 20 mm deep or from terraced roof and raking out joints up to 50 mm deep	1Sqm	4.00	0.00
847	TBSC-U.I-15	Clean removal of cement plaster from walls and raking out joints 20 mm deep or from terraced roof and raking out joints from 50 mm to 100 mm deep	1Sqm	5.00	0.00
		<b>PLUMBING</b>			
<b>A</b>	<b>SECTION</b>	<b>S.W.G. PIPES &amp; FITTINGS</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>SUPPLY &amp; LAYING OF S.W.G. PIPES</b>			
1	TBSP-A.I-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	497.00	2.05
2	TBSP-A.I-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	427.00	2.15
3	TBSP-A.I-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	715.00	2.88
4	TBSP-A.I-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	636.00	3.08

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
5	TBSP-A.I-05	Providing 152.4 mm CC bed 1:2:4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 101.6 mm SWG pipe line all round to have 75 mm nominal size thick cover over the sockets.	1 RM	132.00	29.41
6	TBSP-A.I-06	Providing 152.4 mm CC bed 1:2:4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 152.4 mm SWG pipe line all round to have 75 mm nominal size thick cover over the sockets.	1 RM	228.00	28.81
7	TBSP-A.I-07	Supplying & Laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	91.00	3.41
8	TBSP-A.I-08	Supplying & Laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	171.00	3.64
9	TBSP-A.I-09	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	596.00	4.56
<b>II</b>	<b>SUB-SECTION</b>	<b>S.W.G. PIPES &amp; FITTINGS</b>			
10	TBSP-A.II-01	Supply of SWG SP-1 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	181.00	5.23
11	TBSP-A.II-02	Supply of SWG SP-1 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	314.00	5.02
12	TBSP-A.II-03	Supply of SWG SP-1 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	485.00	4.98
13	TBSP-A.II-04	Supply of SWG SP-1 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	888.00	4.96
14	TBSP-A.II-05	Supply of SWG SP-1 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	1,280.00	5.00
15	TBSP-A.II-06	Supply of SWG SP-1 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	1,742.00	5.00
16	TBSP-A.II-07	Supply of SWG SP-2 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	223.00	5.19
17	TBSP-A.II-08	Supply of SWG SP-2 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	332.00	5.06
18	TBSP-A.II-09	Supply of SWG SP-2 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	599.00	5.09
19	TBSP-A.II-10	Supply of SWG SP-2 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	941.00	5.02
20	TBSP-A.II-11	Supply of SWG SP-2 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	1,446.00	5.01
21	TBSP-A.II-12	Supply of SWG SP-2 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	1,875.00	4.98
22	TBSP-A.II-13	Supply of SWG SP-2 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	2,159.00	5.01
23	TBSP-A.II-14	Supply of SWG SP-2 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	2,756.00	4.99

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
24	TBSP-A.II-15	Supply of SWG SP-3 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	285.00	5.17
25	TBSP-A.II-16	Supply of SWG SP-3 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	415.00	5.06
26	TBSP-A.II-17	Supply of SWG SP-3 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	734.00	5.01
27	TBSP-A.II-18	Supply of SWG SP-3 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	1,115.00	4.99
28	TBSP-A.II-19	Supply of SWG SP-3 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	1,558.00	4.99
29	TBSP-A.II-20	Supply of SWG SP-3 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	1,979.00	4.99
30	TBSP-A.II-21	Supply of SWG SP-2 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	2,278.00	4.98
31	TBSP-A.II-22	Supply of SWG SP-3 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	3,099.00	5.02
32	TBSP-A.II-23	Supply of SWG Bends conforming to IS standards -100 mm dia	Each	91.00	4.60
33	TBSP-A.II-24	Supply of SWG Bends conforming to IS standards -150 mm dia	Each	168.00	5.00
34	TBSP-A.II-25	Supply of SWG Bends conforming to IS standards -200 mm dia	Each	317.00	4.97
35	TBSP-A.II-26	Supply of SWG Bends conforming to IS standards -250 mm dia	Each	643.00	5.07
36	TBSP-A.II-27	Supply of SWG Bends conforming to IS standards -300 mm dia	Each	816.00	5.02
37	TBSP-A.II-28	Supply of SWG Bends conforming to IS standards -350 mm dia	Each	1,020.00	5.05
38	TBSP-A.II-29	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 100 x 100	Each	175.00	4.79
39	TBSP-A.II-30	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 100	Each	258.00	4.88
40	TBSP-A.II-31	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 150	Each	281.00	4.85
41	TBSP-A.II-32	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 100	Each	400.00	4.99
42	TBSP-A.II-33	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 150	Each	468.00	4.93
43	TBSP-A.II-34	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 200	Each	537.00	5.09

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
44	TBSP-A.II-35	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 100	Each	631.00	4.99
45	TBSP-A.II-36	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 150	Each	833.00	5.04
46	TBSP-A.II-37	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 200	Each	1,031.00	4.99
47	TBSP-A.II-38	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 250	Each	1,234.00	5.02
48	TBSP-A.II-39	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 100	Each	900.00	5.02
49	TBSP-A.II-40	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 150	Each	1,153.00	5.01
50	TBSP-A.II-41	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 200	Each	1,405.00	5.01
51	TBSP-A.II-42	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 250	Each	1,659.00	5.00
52	TBSP-A.II-43	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 300	Each	1,911.00	5.00
53	TBSP-A.II-44	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 100	Each	1,123.00	4.95
54	TBSP-A.II-45	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 150	Each	1,440.00	5.03
55	TBSP-A.II-46	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 200	Each	1,756.00	5.02
56	TBSP-A.II-47	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 250	Each	2,070.00	5.02
57	TBSP-A.II-48	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 300	Each	2,387.00	5.02
58	TBSP-A.II-49	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 350	Each	2,701.00	5.02
59	TBSP-A.II-50	Supply of SWG Plugs conforming to IS standards for 100 mm dia	Each	33.00	6.45

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
60	TBSP-A.II-51	Supply of SWG Plugs conforming to IS standards for 150 mm dia	Each	63.00	5.00
61	TBSP-A.II-52	Supply of SWG Plugs conforming to IS standards for 200 mm dia	Each	120.00	5.26
62	TBSP-A.II-53	Supply of SWG Plugs conforming to IS standards for 250 mm dia	Each	208.00	5.05
63	TBSP-A.II-54	Supply of SWG Plugs conforming to IS standards for 300 mm dia	Each	329.00	5.11
64	TBSP-A.II-55	Supply of SWG Plugs conforming to IS standards for 350 mm dia	Each	413.00	5.09
65	TBSP-A.II-56	Supply of SWG Gully Traps (Round & Square) conforming to IS standards 150 x 100 mm	Each	254.00	4.96
66	TBSP-A.II-57	Supply of SWG Saddles conforming to IS standards 150 x 100 mm	Each	184.00	5.14
67	TBSP-A.II-58	Supply of SWG Saddles conforming to IS standards 200 x 100 mm	Each	317.00	4.97
68	TBSP-A.II-59	Supply of SWG Saddles conforming to IS standards 250 x 100 mm	Each	513.00	4.91
<b>III</b>	<b>SUB-SECTION</b>	<b>LABOUR CHARGES FOR SWG WORKS</b>			
69	TBSP-A.III-01	Labour charges only for laying, jointing and testing SWG pipes of any dia with airtight cement joints including excavation of trenches and socket pits in any soil up to 914.4 mm (3'0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	236.00	0.00
70	TBSP-A.III-02	Labour charges only for laying, jointing and testing SWG pipes of any dia with airtight cement joints including excavation of trenches and socket pits in any soil up to 1524 mm (5'-0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	293.00	0.00
71	TBSP-A.III-03	Labour charges only for laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	37.00	0.00
72	TBSP-A.III-04	Labour charges only for laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	51.00	0.00
73	TBSP-A.III-05	Labour charges only for fixing and laying the SWG Junctions/ Plugs/ Bends of any dia with airtight cement joints as per standard practice	Each	31.00	0.00
<b>B</b>	<b>SECTION</b>	<b>MANHOLES &amp; INSPECTION CHAMBERS - AS PER - IS 4111 : Part 1 : 1986</b>		-	
<b>I</b>	<b>SUB-SECTION</b>	<b>MANHOLES</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
74	TBSP-B.I-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	6,846.00	18.12
75	TBSP-B.I-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	10,795.00	18.12



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
76	TBSP-B.I-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	6,748.00	18.12
77	TBSP-B.I-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	10,599.00	18.12
II	SUB-SECTION	INSPECTION CHAMBERS & COVERS			
78	TBSP-B.II-01	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	6,091.00	18.13

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
79	TBSP-B.II-02	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	3,672.00	18.11
80	TBSP-B.II-03	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	455.00	0.00
81	TBSP-B.II-04	Constructing Brick masonry support for G.I pipe with C.M 304.8 x 228.6 x228.6 mm size including plastering and finishing etc. complete.	Each	73.00	0.00
82	TBSP-B.II-05	Supply & fixing RCC cover 22" dia with nominal reinforcement 3 " thick and hooks for lifting	Each	705.00	15.95
83	TBSP-B.II-06	Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	119.00	15.53
84	TBSP-B.II-07	Supplying & fixing CI Nahany trap grating	Each	19.00	18.75
85	TBSP-B.II-08	Supplying & fixing CI gully trap grating	Each	48.00	17.07
86	TBSP-B.II-09	Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight) 30 Kgs	Each	1,939.00	16.04
87	TBSP-B.II-10	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight) 30 Kgs	Each	2,887.00	16.04
88	TBSP-B.II-11	Supplying & fixing CI steps for septic tank.	Each	62.00	16.98
89	TBSP-B.II-12	Supplying & fixing 50.8 cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (20 Kgs - Light weight)	Each	1,247.00	16.00
90	TBSP-B.II-13	Supplying & fixing 50.8 cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (Medium weight) as per IS:1726 - 40 Kgs	Each	2,575.00	16.04
III	SUB-SECTION	LABOUR CHARGES FOR IC WORKS			
91	TBSP-B.III-01	Making drainage connection from a drainage line in to an existing inspection chamber/ manhole including making a hole in to the chambers, placing necessary pipes in the connection and making good the junction in and out of the chambers including cost of necessary cement, sand and aggregate etc.,	Each	128.00	0.00
C	SECTION	<b>C.I. PIPES &amp; FITTINGS - AS PER - IS 1729:1979 (Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)</b>			
I	SUB-SECTION	SUPPLYING & LAYING OF C.I. PIPES			
92	TBSP-C.I-01	Supplying and fixing of C.I. soil pipes ISI marked conforming to IS:1729-1979 of approved 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) including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete for 3" dia (75 mm nominal size) Single Socket	1 RM	760.00	11.93

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
93	TBSP-C.I-02	Supplying and fixing of C.I. soil pipes ISI marked conforming to IS:1729-1979 of approved 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) including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete for 4" dia (101.6mm) Single Socket	1 RM	998.00	13.41
94	TBSP-C.I-03	Supplying and fixing of C.I. soil pipes ISI marked conforming to IS:1729-1979 of approved 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) including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete for 6" dia (152.4mm) Single Socket	1 RM	1,598.00	15.13
95	TBSP-C.I-04	Supplying and fixing of C.I. soil pipes ISI marked conforming to IS:1729-1979 of approved 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) including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete for 3" dia (75 mm nominal size) Double Socket	1 RM	831.00	12.45
96	TBSP-C.I-05	Supplying and fixing of C.I. soil pipes ISI marked conforming to IS:1729-1979 of approved 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) including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete for 4" dia (101.6mm) Double Socket	1 RM	1,109.00	13.86
97	TBSP-C.I-06	Supplying and fixing of C.I. soil pipes ISI marked conforming to IS:1729-1979 of approved 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) including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete for 6" dia (152.4mm) Double Socket	1 RM	1,841.00	15.50
II	SUB-SECTION	SUPPLYING & LAYING OF C.I. FITTINGS			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
98	TBSP-C.II-01	Supplying & fixing CI Plain bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (75 mm nominal size)	Each	296.00	12.98
99	TBSP-C.II-02	Supplying & fixing CI Plain bends Ist 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	376.00	13.94
100	TBSP-C.II-03	Supplying & fixing CI Plain bends Ist 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	624.00	15.77
101	TBSP-C.II-04	Supplying & fixing CI Plug (Door) bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (75 mm nominal size)	Each	367.00	13.98
102	TBSP-C.II-05	Supplying & fixing CI Plug (Door) bends Ist 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	455.00	14.90
103	TBSP-C.II-06	Supplying & fixing CI Plug (Door) bends Ist 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	994.00	16.53
104	TBSP-C.II-07	Supplying and fixing of 75 mm nominal size (3") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	462.00	14.07
105	TBSP-C.II-08	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	723.00	15.50
106	TBSP-C.II-09	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	1,714.00	17.00
107	TBSP-C.II-10	Supplying and fixing of 75 mm nominal size (3") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	388.00	13.12
108	TBSP-C.II-11	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	531.00	14.44
109	TBSP-C.II-12	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	1,276.00	16.64
110	TBSP-C.II-13	Supplying and Fixing of 75 mm nominal size (3") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	704.00	15.22

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
111	TBSP-C.II-14	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	855.00	15.70
112	TBSP-C.II-15	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	1,999.00	17.11
113	TBSP-C.II-16	Supplying and Fixing of 75 mm nominal size (3") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	608.00	14.72
114	TBSP-C.II-17	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	799.00	15.46
115	TBSP-C.II-18	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	1,872.00	17.00
116	TBSP-C.II-19	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 76.20 mm (3") C.I. Pipe	Each	298.00	15.06
117	TBSP-C.II-20	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 101.6 mm (4") C.I. Pipe	Each	417.00	15.83
118	TBSP-C.II-21	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 152.4 mm (6") C.I. Pipe	Each	909.00	16.99
119	TBSP-C.II-22	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 76.20 mm (3") C.I. Pipe	Each	355.00	15.26
120	TBSP-C.II-23	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 101.6 mm (4") C.I. Pipe	Each	472.00	15.97
121	TBSP-C.II-24	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 152.4 mm (6") C.I. Pipe	Each	931.00	17.11
122	TBSP-C.II-25	Supplying and Fixing of 150 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing for 76.20 mm (3") C.I. Pipe	Each	410.00	15.82
123	TBSP-C.II-26	Supplying and Fixing of 150 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing for 101.6 mm (4") C.I. Pipe	Each	531.00	16.19
124	TBSP-C.II-27	Supplying and Fixing of 150 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing for 152.4 mm (6") C.I. Pipe	Each	1,082.00	17.23

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
125	TBSP-C.II-28	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	539.00	15.67
126	TBSP-C.II-29	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	660.00	16.20
127	TBSP-C.II-30	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	329.00	14.24
128	TBSP-C.II-31	Supplying & fixing CI Collars (double socket) Ist 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	181.00	13.13
129	TBSP-C.II-32	Supplying & fixing CI Collars (double socket) Ist 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	227.00	14.07
130	TBSP-C.II-33	Supplying & fixing CI Collars (double socket) Ist 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	652.00	16.64
III	SUB-SECTION	<b>LABOUR CHARGES FOR CI PIPE WORKS</b>			
131	TBSP-C.III-01	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	230.00	0.00
132	TBSP-C.III-02	Labour charges only for fixing CI Plain/ Plug (Door) bends with cement caulked joints and fixing as per site requirements with standard practice	Each	73.00	0.00
133	TBSP-C.III-03	Labour charges only fixing CI soil single junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	92.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
134	TBSP-C.III-04	Labour charges only fixing CI soil Double junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	99.00	0.00
135	TBSP-C.III-05	Labour charges only fixing CI soil Collars, Bends, Offsets etc., with cement caulked joints and fixing as per site requirements with standard practice	Each	46.00	0.00
136	TBSP-C.III-06	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	60.00	0.00
137	TBSP-C.III-07	Boxing of Nahany traps in RCC floors	Each	194.00	0.00
138	TBSP-C.III-08	Boxing of W.C Traps in R.C.C floors	Each	389.00	0.00
<b>D</b>	<b>SECTION</b>	<b>CENTRIFUGAL CAST IRON PIPES &amp; FITTINGS AS PER IS: 3989 - 1984</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>SUPPLY OF CENTRIFUGAL CI PIPES</b>			
139	TBSP-D.I-01	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1,500.00	18.11
140	TBSP-D.I-02	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1,997.00	18.10
141	TBSP-D.I-03	150 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	3,661.00	18.13
142	TBSP-D.I-04	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	1,665.00	18.09
143	TBSP-D.I-05	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	2,247.00	18.14
144	TBSP-D.I-06	75 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	1,349.00	18.13
145	TBSP-D.I-07	100 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	1,802.00	18.09
146	TBSP-D.I-08	75 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	1,207.00	18.10
147	TBSP-D.I-09	100 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	1,604.00	18.11
148	TBSP-D.I-10	75 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	982.00	18.17
149	TBSP-D.I-11	100 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	1,281.00	18.17
150	TBSP-D.I-12	75 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	1,032.00	18.08
151	TBSP-D.I-13	100 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	1,281.00	18.17
<b>II</b>	<b>SUB-SECTION</b>	<b>SUPPLY OF C.I. SPUN FITTINGS</b>			
152	TBSP-D.II-01	75 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	358.00	18.15
153	TBSP-D.II-02	100 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	411.00	18.10
154	TBSP-D.II-03	75 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	513.00	18.20
155	TBSP-D.II-04	100 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	589.00	18.04
156	TBSP-D.II-05	150 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	1,125.00	18.17
157	TBSP-D.II-06	75 mm dia Cut pipes (pieces ) 2 feet (609.6 mm) CI (Spun) fittings	Each	707.00	18.03

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
158	TBSP-D.II-07	100 mm dia Cut pipes (pieces ) 2 feet (609.6 mm) CI (Spun) fittings	Each	781.00	18.15
159	TBSP-D.II-08	150 mm dia Cut pipes (pieces ) 2 feet (609.6 mm) CI (Spun) fittings	Each	1,409.00	18.11
160	TBSP-D.II-09	75 mm dia Cut pipes (pieces ) 3 feet (914.4 mm) CI (Spun) fittings	Each	1,084.00	18.08
161	TBSP-D.II-10	100 mm dia Cut pipes (pieces ) 3 feet (914.4 mm) CI (Spun) fittings	Each	1,463.00	18.08
162	TBSP-D.II-11	75 mm dia Cut pipes (pieces ) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1,193.00	18.12
163	TBSP-D.II-12	100 mm dia Cut pipes (pieces ) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1,785.00	18.13
164	TBSP-D.II-13	75 mm dia Plain Bend - CI (Spun) fittings	Each	368.00	17.95
165	TBSP-D.II-14	100 mm dia Plain Bend - CI (Spun) fittings	Each	433.00	17.98
166	TBSP-D.II-15	150 mm dia Plain Bend - CI (Spun) fittings	Each	1,033.00	18.19
167	TBSP-D.II-16	75 mm dia Door Bend - CI (Spun) fittings	Each	381.00	17.96
168	TBSP-D.II-17	100 mm dia Door Bend - CI (Spun) fittings	Each	494.00	18.18
169	TBSP-D.II-18	150 mm dia Door Bend - CI (Spun) fittings	Each	1,130.00	18.08
170	TBSP-D.II-19	75 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	368.00	17.95
171	TBSP-D.II-20	100 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	433.00	17.98
172	TBSP-D.II-21	150 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	1,033.00	18.19
173	TBSP-D.II-22	75 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	381.00	17.96
174	TBSP-D.II-23	100 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	494.00	18.18
175	TBSP-D.II-24	150 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	1,130.00	18.08
176	TBSP-D.II-25	Horn Bend Plain 101.6 x 50 mm nominal size (4" x 2") 100 mm dia - CI (Spun) fittings	Each	750.00	18.11
177	TBSP-D.II-26	Horn Bend door 101.6 x 50 mm nominal size (4" x 2") 100 mm dia - CI (Spun) fittings	Each	875.00	18.08
178	TBSP-D.II-27	75 mm dia Heel Rest Bend - CI (Spun) fittings	Each	392.00	18.07
179	TBSP-D.II-28	100 mm dia Heel Rest Bend - CI (Spun) fittings	Each	501.00	18.16
180	TBSP-D.II-29	150 mm dia Heel Rest Bend - CI (Spun) fittings	Each	1,065.00	18.07
181	TBSP-D.II-30	75 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	494.00	18.18
182	TBSP-D.II-31	100 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	666.00	18.09
183	TBSP-D.II-32	150 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	1,375.00	18.13
184	TBSP-D.II-33	75 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	582.00	18.05
185	TBSP-D.II-34	100 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	773.00	18.20
186	TBSP-D.II-35	150 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	1,452.00	18.14



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
187	TBSP-D.II-36	75 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	582.00	18.05
188	TBSP-D.II-37	100 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	773.00	18.20
189	TBSP-D.II-38	150 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	1,704.00	18.09
190	TBSP-D.II-39	75 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	638.00	18.15
191	TBSP-D.II-40	100 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	853.00	18.14
192	TBSP-D.II-41	150 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	1,836.00	18.15
193	TBSP-D.II-42	75 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	675.00	18.21
194	TBSP-D.II-43	100 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	908.00	18.08
195	TBSP-D.II-44	75 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	752.00	18.05
196	TBSP-D.II-45	100 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	947.00	18.08
197	TBSP-D.II-46	75 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	752.00	18.05
198	TBSP-D.II-47	100 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	947.00	18.08
199	TBSP-D.II-48	75 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	793.00	18.18
200	TBSP-D.II-49	100 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	1,028.00	18.16
201	TBSP-D.II-50	75 mm dia Shoe Bend - CI (Spun) fittings	Each	465.00	18.02
202	TBSP-D.II-51	100 mm dia Shoe Bend - CI (Spun) fittings	Each	544.00	18.00
203	TBSP-D.II-52	150 mm dia Shoe Bend - CI (Spun) fittings	Each	1,105.00	18.18
204	TBSP-D.II-53	75 mm dia Collar - CI (Spun) fittings	Each	318.00	18.22
205	TBSP-D.II-54	100 mm dia Collar - CI (Spun) fittings	Each	386.00	18.04
206	TBSP-D.II-55	150 mm dia Collar - CI (Spun) fittings	Each	793.00	18.18
207	TBSP-D.II-56	75 mm dia Cowl - CI (Spun) fittings	Each	281.00	18.07
208	TBSP-D.II-57	100 mm dia Cowl - CI (Spun) fittings	Each	318.00	18.22
209	TBSP-D.II-58	150 mm dia Cowl - CI (Spun) fittings	Each	714.00	18.21
210	TBSP-D.II-59	75 mm dia Offset 3" (75 mm nominal size ) projection - CI (Spun) fittings	Each	407.00	17.97
211	TBSP-D.II-60	100 mm dia Offset 3" (75 mm nominal size ) projection - CI (Spun) fittings	Each	494.00	18.18
212	TBSP-D.II-61	150 mm dia Offset 3" (75 mm nominal size ) projection - CI (Spun) fittings	Each	997.00	18.13
213	TBSP-D.II-62	75 mm dia Offset 6" (152.4mm ) projection - CI (Spun) fittings	Each	445.00	18.04
214	TBSP-D.II-63	100 mm dia Offset 6" (152.4mm ) projection - CI (Spun) fittings	Each	582.00	18.05

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
215	TBSP-D.II-64	150 mm dia Offset 6" (152.4mm ) projection - CI (Spun) fittings	Each	1,161.00	18.11
216	TBSP-D.II-65	75 mm dia Long Door Bend - CI (Spun) fittings	Each	936.00	18.18
217	TBSP-D.II-66	100 mm dia Long Door Bend - CI (Spun) fittings	Each	1,007.00	18.19
218	TBSP-D.II-67	75 mm dia Hand Hole pipe ( Inspection pipe)	Each	538.00	18.24
219	TBSP-D.II-68	100 mm dia Hand Hole pipe ( Inspection pipe)	Each	732.00	18.06
220	TBSP-D.II-69	150 mm dia Hand Hole pipe ( Inspection pipe)	Each	975.00	18.18
221	TBSP-D.II-70	75 mm dia P Traps - CI (Spun) fittings	Each	582.00	18.05
222	TBSP-D.II-71	100 mm dia P Traps - CI (Spun) fittings	Each	798.00	18.05
223	TBSP-D.II-72	4" x 3" (101.6 mm x 76.2mm ) P. Traps 100 mm dia - CI (Spun) fittings	Each	915.00	18.06
224	TBSP-D.II-73	4" x 3" (101.6 mm x 76.2mm ) Vent Traps 100 mm dia - CI (Spun) fittings	Each	915.00	18.06
225	TBSP-D.II-74	4" x 3" (101.6 mm x 76.2mm ) Reducer 75 mm dia - CI (Spun) fittings	Each	568.00	18.09
226	TBSP-D.II-75	6" x 4" (152.4 mm x101.6 mm ) Reducer 75 mm dia - CI (Spun) fittings	Each	778.00	18.06
227	TBSP-D.II-76	3" x 2" ( 75 mm nominal size x 50 mm nominal size ) plain T 75 mm dia - CI (Spun) fittings	Each	486.00	18.25
228	TBSP-D.II-77	3" x 2" ( 75 mm nominal size x 50 mm nominal size ) Door T 75 mm dia - CI (Spun) fittings	Each	758.00	18.07
229	TBSP-D.II-78	3" x 2" ( 75 mm nominal size x 50 mm nominal size ) Plain Y 75 mm dia - CI (Spun) fittings	Each	758.00	18.07
230	TBSP-D.II-79	3" x 2" ( 75 mm nominal size x 50 mm nominal size ) Door Y 75 mm dia - CI (Spun) fittings	Each	758.00	18.07
231	TBSP-D.II-80	4" x 3" (101.6 mm x 76.2mm ) Plain T 75 mm dia - CI (Spun) fittings	Each	758.00	18.07
232	TBSP-D.II-81	4" x 3" (101.6 mm x 76.2mm ) Door T 75 mm dia - CI (Spun) fittings	Each	803.00	18.09
233	TBSP-D.II-82	4" x 3" (101.6 mm x 76.2mm ) Plain Y 75 mm dia - CI (Spun) fittings	Each	803.00	18.09
234	TBSP-D.II-83	4" x 3" (101.6 mm x 76.2mm ) Door Y 75 mm dia - CI (Spun) fittings	Each	857.00	18.04
235	TBSP-D.II-84	6" x 4" (152.4 mm x101.6 mm ) Plain T 75 mm dia - CI (Spun) fittings	Each	1,122.00	18.11
236	TBSP-D.II-85	6" x 4" (152.4 mm x101.6 mm ) Door T 75 mm dia - CI (Spun) fittings	Each	1,216.00	18.17
237	TBSP-D.II-86	6" x 4" (152.4 mm x101.6 mm ) Plain Y 75 mm dia - CI (Spun) fittings	Each	1,286.00	18.09
238	TBSP-D.II-87	6" x 4" (152.4 mm x101.6 mm ) Door Y 75 mm dia - CI (Spun) fittings	Each	1,572.00	18.11
239	TBSP-D.II-88	75 mm dia Plain " T" 27 " (685.8 mm ) Special Types of Long Fittings	Each	1,629.00	18.13
240	TBSP-D.II-89	100 mm dia - Plain " T" 27 " (685.8 mm ) Special Types of Long CI (Spun) fittings	Each	2,288.00	18.12
241	TBSP-D.II-90	75 mm dia Door "T" 27" (685.8 mm ) Special Types of Long CI (Spun) fittings	Each	1,819.00	18.12

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
242	TBSP-D.II-91	100mm dia Door "T" 27" (685.8 mm ) Special Types of Long CI (Spun) fittings	Each	2,514.00	18.14
243	TBSP-D.II-92	75 mm dia Plain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1,819.00	18.12
244	TBSP-D.II-93	100mm dia Plain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2,514.00	18.14
245	TBSP-D.II-94	75 mm dia Door " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2,028.00	18.11
246	TBSP-D.II-95	100mm dia Door " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2,760.00	18.10
<b>E</b>	<b>SECTION</b>	<b>VITREOUS CHINAWARE - SANITARY APPLIANCES as per IS:2556 - 2004 (Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>INDIAN WATER CLOSETS</b>			
247	TBSP-E.I-01	Supplying & fixing approved make Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-2004 with "P" or "S" trap: 580 mm Long	Each	953.00	17.80
248	TBSP-E.I-02	Supplying & fixing approved make Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-2004 with "P" or "S" trap: 630 mm Long	Each	953.00	17.80
249	TBSP-E.I-03	Supplying & fixing approved make Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-2004 with "P" or "S" trap: 580 mm x 440 mm	Each	1,440.00	19.60
250	TBSP-E.I-04	Supplying & fixing approved make Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-2004 with "P" or "S" trap: 630 mm x 450 mm	Each	1,514.00	20.06
251	TBSP-E.I-05	Supplying & fixing approved make 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	231.00	18.46
252	TBSP-E.I-06	Providing Brick masonry seat for Orissa pan/ Indian W.C. using traditional common burnt clay bricks as per standard practice	Each	298.00	18.25
253	TBSP-E.I-07	Providing Cement Concrete Squatting plate for Orissa pan/ Indian W.C. in P.C.C. 1:2:4 as per standard practice	Each	89.00	28.99
<b>II</b>	<b>SUB-SECTION</b>	<b>FLOOR MOUNTED EWC</b>			
254	TBSP-E.II-01	Supplying and fixing approved make wash down European Water Closet of 1st quality conforming to IS:2556-Part-2-2004 of white glazed with 'P' trap	Each	1,691.00	23.16

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
255	TBSP-E.II-02	Supplying and fixing approved make wash down European Water Closet of 1st quality conforming to IS:2556-Part-2-2004 of white glazed with 'S' trap	Each	1,785.00	23.44
256	TBSP-E.II-03	Supply, Installation and commissioning approved make floor mounted anglo indian wash down EWC conforming to IS:2556 (Part 8)-2004 suit with 'P' or 'S' trap with dual flush porcelain cistern fixed on wash down 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	6,000.00	27.17
257	TBSP-E.II-04	Supply, Installation and commissioning approved make floor mounted Close Coupled wash down EWC conforming to IS:2556 (Part 8)-2004 suit with 'P' or 'S' trap with dual flush porcelain cistern fixed on wash down 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	8,808.00	27.69
258	TBSP-E.II-05	Supply, Installation and commissioning approved make floor mounted Close Coupled wash down EWC conforming to IS:2556 (Part 8)-2004 suit with 'P' or 'S' trap with dual flush porcelain cistern fixed on wash down 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	12,872.00	28.04
259	TBSP-E.II-06	Supply, Installation and commissioning approved make floor mounted Close Coupled wash down EWC conforming to IS:2556 (Part 8)-2004 with 'P' or 'S' trap with dual flush porcelain cistern fixed on wash down 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	16,395.00	28.21
III	SUB-SECTION	WALL MOUNTED EWC			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
260	TBSP-E.III-01	Supply, Installation and commissioning approved make wash down wall mounted EWC conforming to IS:2556 (Part 16)-2002 with 'P' or 'S' trap with concealed flush cistern fixed in wall with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap all of approved make etc. complete for finished item of work in all respects: White colour	Each	9,350.00	27.75
261	TBSP-E.III-02	Supply, Installation and commissioning approved make wash down wall mounted EWC conforming to IS:2556 (Part 16)-2002 with 'P' or 'S' trap with concealed flush cistern fixed in wall with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap all of approved make etc. complete for finished item of work in all respects: Coloured Grade-I & II	Each	12,520.00	28.02
262	TBSP-E.III-03	Supply, Installation and commissioning approved make wash down wall mounted EWC conforming to IS:2556 (Part 16)-2002 with 'P' or 'S' trap with concealed flush cistern fixed in wall with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap all of approved make etc. complete for finished item of work in all respects: Special Coloured Grade-III	Each	14,770.00	28.15
IV	SUB-SECTION	<b>CISTERNS FOR WATER CLOSETS</b>			
263	TBSP-E.IV-01	Supplying & Fixing low down porcelain flushing tank with lid 10 Lit Capacity with internal components	Each	2,304.00	20.69
264	TBSP-E.IV-02	Supplying & Fixing internal cistern fittings for dual flush cisterns	Each	1,590.00	22.87
265	TBSP-E.IV-03	Supplying & Fixing ultra slim concealed flushing cistern of HDPE body and of size 460 x 450 x 80 mm with internal component for wall mounted Wash down WC	Each	3,580.00	25.22
V	SUB-SECTION	<b>PLASTIC SEATS FOR WATER CLOSETS</b>			
266	TBSP-E.V-01	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	810.00	25.39
267	TBSP-E.V-02	Supplying and Fixing best Indian make plastic soft closing seat and lid for European water closets with rubber or plastic Buffers as per IS 2548-1996	Each	1,610.00	27.07
VI	SUB-SECTION	<b>WASH HAND BASINS</b>			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
268	TBSP-E.VI-01	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	2,466.00	23.30
269	TBSP-E.VI-02	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	2,184.00	22.63
270	TBSP-E.VI-03	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	2,677.00	23.71
271	TBSP-E.VI-04	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	1,620.00	20.63

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
272	TBSP-E.VI-05	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	1,972.00	21.95
273	TBSP-E.VI-06	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	1,409.00	19.41
274	TBSP-E.VI-07	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	1,832.00	21.49
275	TBSP-E.VI-08	Supplying & Fixing Indian make below counter Wash Hand Basin 1st quality 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 with single CP pillar cock	Each	3,850.00	25.20
276	TBSP-E.VI-09	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	4,508.00	25.75

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
277	TBSP-E.VI-10	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	5,072.00	26.08
278	TBSP-E.VI-11	Supplying & fixing oval shape basin white (520x410mm) parry or equivalent	Each	2,481.00	25.18
279	TBSP-E.VI-12	Supplying and Fixing Pedestal for Wash Hand Basin	Each	1,142.00	24.40
280	TBSP-E.VI-13	Supplying & fixing stainless steel sink size 36" x 18" (914.4x457.2mm) 1 mm thick with accessories	Each	6,865.00	16.02
281	TBSP-E.VI-14	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	5,412.00	16.01
282	TBSP-E.VI-15	Supplying & fixing stainless steel sink size 20" x18" x 8 " (508x457.2x203.2mm) 1 mm thick with accessories	Each	4,905.00	16.01
283	TBSP-E.VI-16	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	719.00	15.97
VII	SUB-SECTION	<b>URINALS</b>			
284	TBSP-E.VII-01	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	845.00	22.46
285	TBSP-E.VII-02	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader fixed with screws complete Indian make : 410 x 265 x 305 mm	Each	2,536.00	26.61
286	TBSP-E.VII-03	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader fixed with screws complete Indian make : 590 x 375 x 390 mm	Each	2,818.00	26.82
287	TBSP-E.VII-04	Supplying & fixing 4 " x 24 " (101.6x609.6mm) white glazed porcelain channel fixed in brick masonry white cement pointing.	Each	495.00	25.32
VIII	SUB-SECTION	<b>LABOUR CHARGES FOR SANITARY WARE</b>			
288	TBSP-E.VIII-01	Labour charges only for fixing Indian pattern W.C with "P" or "S" trap	Each	307.00	0.00
289	TBSP-E.VIII-02	Labour charges only Fixing Orissa pan W.C with "P" or "S" trap	Each	383.00	0.00
290	TBSP-E.VIII-03	Labour charges only for fixing porcelain foot rest for squatting I.W.C. (Rectangular pair)	Pair	70.00	0.00
291	TBSP-E.VIII-04	Labour charges only for fixing low down porcelain flushing tank with internal components	Each	536.00	0.00
292	TBSP-E.VIII-05	Labour charges only for fixing internal cistern fittings of any flushing tank	Each	267.00	0.00



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
293	TBSP-E.VIII-06	Labour charges only for fixing European Water Closet with 'P' or 'S' trap as per standard practice	Each	269.00	0.00
294	TBSP-E.VIII-07	Labour charges only for fixing plastic seat and lid for European water closet	Each	78.00	0.00
295	TBSP-E.VIII-08	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	383.00	0.00
296	TBSP-E.VIII-09	Labour charges only for fixing pedestal for wash hand basin	Each	139.00	0.00
297	TBSP-E.VIII-10	Labour charges only for fixing bottle trap to the wash hand basin	Each	53.00	0.00
298	TBSP-E.VIII-11	Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete	Each	153.00	0.00
299	TBSP-E.VIII-12	Labour charges only for fixing Vitreous china porcelain sinks with waste fittings, rubber plug, chain, cantilever brackets etc.	Each	383.00	0.00
<b>F</b>	<b>SECTION</b>	<b>CP FITTINGS (Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>TAPS &amp; FAUCETS - BIB TAPS</b>			
300	TBSP-F.I-01	S&F of 15 mm brass body CP finish bib tap of not less than 300 grams weight screw type (full turn) with internal / external threaded conenction conforming to IS 8931	Each	245.00	13.95
301	TBSP-F.I-02	S&F of 15 mm brass body CP finish bib tap of not less than 300 grams weight with quarter turn spindle with either internal or external threaded conenction conforming to IS 8931	Each	599.00	16.54
302	TBSP-F.I-03	S&F of 15 mm brass body premium variety Chromium Plated finish bib tap with wall flange of not less than 500 grams weight with quarter turn spindle with either internal or external threaded conenction conforming to IS 8931 and with 10 years warranty	Each	850.00	16.92
303	TBSP-F.I-04	S&F of 15 mm brass body premium variety Chromium Plated finish bib tap angular shape with wall flange of not less than 500 grams weight with quarter turn spindle with either internal or external threaded conenction conforming to IS 8931 and with 10 years warranty	Each	1,200.00	17.30
304	TBSP-F.I-05	S&F of 15 mm brass body CP finish two way bib tap of not less than 400 grams weight with quarter turn spindle internal/ external threaded connection conforming to IS 8931	Each	855.00	16.96

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
305	TBSP-F.I-06	S&F of 15 mm brass body premium variety Chromium Plated finish two way bib tap with flange of not less than 500 grams weight with quarter turn spindle internal/ external threaded connection conforming to IS 8931 and with 10 years warranty	Each	1,100.00	17.15
306	TBSP-F.I-07	S&F of Chromium plated finish brass body quarter turn Bibcock cum Health Faucet with 1m long tube and wall hook with 10 years warranty	Each	3,213.00	17.82
307	TBSP-F.I-08	S&F of 15 mm brass body CP finish long body bib tap of not less than 400 grams weight with quarter turn spindle internal / external threaded connection conforming to IS 8931	Each	765.00	16.79
II	SUB-SECTION	<b>TAPS &amp; FAUCETS - PILLAR TAPS</b>			
308	TBSP-F.II-01	S&F of 15 mm brass body CP finish pillar tap of not less than 300 grams weight screw type (full turn) conforming to IS 8931	Each	626.00	16.57
309	TBSP-F.II-02	S&F of 15 mm brass body CP finish pillar tap of not less than 500 grams weight quarter turn spindle conforming to IS 8931	Each	810.00	16.88
310	TBSP-F.II-03	S&F of 15 mm brass body Premium variety Chromium plated finish pillar cock with areator of not less than 500 grams weight quarter turn spindle conforming to IS 8931 and with a warranty of 10 years	Each	825.00	16.86
311	TBSP-F.II-04	S&F of 15 mm brass body Premium variety Chromium plated finish long neck pillar cock with areator of not less than 500 grams weight quarter turn spindle conforming to IS 8931 and with a warranty of 10 years	Each	1,100.00	17.15
312	TBSP-F.II-05	S&F of 15 mm brass body Premium variety Chromium plated finish single lever pillar cock with areator of not less than 500 grams weight quarter turn spindle conforming to IS 8931 and with a warranty of 10 years	Each	1,200.00	17.30
313	TBSP-F.II-06	S&F premium make Sensotronic sensor faucet for wash basin, and with 10 years warranty	Each	14,532.00	16.02
314	TBSP-F.II-07	S&F premium make Sensotronic concealed type flushing valve for urinal complete set with installation box with control cock, and with 10 years warranty	Each	14,532.00	16.02
315	TBSP-F.II-08	S&F premium make Auto closing system pillar cock for wash basin, and with 10 years warranty	Each	2,408.00	16.05
316	TBSP-F.II-09	S&F premium make Auto Closing system Bibcock, and with 10 years warranty	Each	2,526.00	16.03
III	SUB-SECTION	<b>TAPS &amp; FAUCETS - OTHER TAPS &amp; SPOUTS</b>			
317	TBSP-F.III-01	S&F of 15 mm brass body CP finish self closing tap push type conforming to IS 1711	Each	271.00	14.35

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
318	TBSP-F.III-02	S&F of 15 mm brass body CP finish self closing tap lift type conforming to IS 1711	Each	237.00	13.94
319	TBSP-F.III-03	S&F of 15 mm brass body Premium variety Chromium plated finish Swan neck tap with right/left hand operating knob with areator of not less than 500 grams weight quarter turn spindle conforming to IS 8931 and with a warranty of 10 years	Each	1,600.00	16.03
320	TBSP-F.III-04	S&F of 15 mm brass body CP finish wall mounted sink spout with connecting legs & wall flanges swinging nozzle conforming to IS 8931 and with a warranty of 10 years	Each	2,300.00	16.04
321	TBSP-F.III-05	S&F of 15 mm brass body CP finish wall mounted sink spout with connecting legs & wall flanges fixed nozzle conforming to IS 8931 and with a warranty of 10 years	Each	1,400.00	15.99
322	TBSP-F.III-06	S&F of 15 mm bath tub spout minimum 180 mm projection with divertor system	Each	1,305.00	16.00
323	TBSP-F.III-07	S&F of 15 mm bath tub spout with tip ton minimum 180 mm projection with divertor system	Each	1,755.00	15.99
IV	SUB-SECTION	<b>STOP &amp; ANGLE VALVES</b>			
324	TBSP-F.IV-01	S & F 15 mm nominal size CP finish brass stop valve screw type with internal /external threaded conforming to IS 8931	Each	231.00	10.00
325	TBSP-F.IV-02	S & F 15 mm nominal size brass concealed stop valve screw type with internal /external threaded conforming to IS 8931	Each	247.00	10.76
326	TBSP-F.IV-03	S & F 15 mm nominal size CP finish brass angled stop valve screw type with internal /external threaded conforming to IS 8931	Each	236.00	10.28
327	TBSP-F.IV-04	S&F of 15 mm CP finish brass stop valve of not less than 400 grams weight quarter turn spindle with internal threaded conforming to IS 8931	Each	783.00	15.66
328	TBSP-F.IV-05	S&F of 15 mm CP finish brass concealed stop valve of not less than 400 grams weight quarter turn spindle conforming to IS 8931	Each	607.00	14.96
329	TBSP-F.IV-06	S&F of 15 mm CP finish brass concealed stop valve of not less than 400 grams weight with adjustable wall flange and quarter turn spindle conforming to IS 8931 and with 10 years warranty	Each	950.00	16.00
330	TBSP-F.IV-07	S&F of 15 mm brass angle stop valve of quarter turn spindle type of not less than 400 grams weight with internal threaded conforming to IS 8931	Each	607.00	14.96
V	SUB-SECTION	<b>COMBINATION FAUCETS</b>			
330	TBSP-F.V-01	S&F of 15 mm CP finish brass body wall mixer with hand shower with center distance 150 mm conforming to IS 8931	Each	2,786.00	16.86

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
331	TBSP-F.V-02	S&F of 15 mm CP finish brass body wall mixer conforming to IS 8931 with center distance 150 mm conforming to IS 8931	Each	2,147.00	16.49
332	TBSP-F.V-03	S&F of 15 mm premium variety Chromium plated finish brass body wall mixer with hand shower with a provision for over head shower with 115 mm long bend pipe on upper side, connecting legs & wall flanges conforming to IS 8931 with 10 years warranty	Each	3,650.00	17.17
333	TBSP-F.V-04	S&F of 15 mm brass forged body concealed diverter with regular flow	Each	3,380.00	17.08
334	TBSP-F.V-05	S&F of 15 mm brass forged body concealed diverter with high flow	Each	4,383.00	17.32
335	TBSP-F.V-06	S&F of 15 mm brass forged body concealed diverter forged body with 3 way in let	Each	4,203.00	17.30
336	TBSP-F.V-07	S&F of 15 mm central hole Chromium plated finish brass body basin mixer 450 mm long pipe for hot & cold water mixing conforming to IS 8931 and with 10 years warranty	Each	2,741.00	16.84
337	TBSP-F.V-08	S&F of 15 mm central hole Chromium plated finish brass body single lever basin mixer 450 mm long breaded pipe for hot & cold water mixing conforming to IS 8931 and with 10 years warranty	Each	3,200.00	17.04
338	TBSP-F.V-09	S&F of 15 mm central hole Chromium plated finish brass body sink mixer with swinging cascade round shape spout (wall/ table mounted model) with connecting legs & wall flanges conforming to IS 8931 and with 10 years warranty	Each	2,800.00	16.86
VI	SUB-SECTION	<b>SHOWER ROSES &amp; FITTINGS</b>			
339	TBSP-F.VI-01	S&F 15 mm nominal size 152.0 mm CP finish iron body shower rose	Each	186.00	16.25
340	TBSP-F.VI-02	S&F 15 mm nominal size 137.0 mm CP finish iron body shower rose	Each	179.00	16.23
341	TBSP-F.VI-03	S&F 15 mm nominal size 101.6 mm CP finish iron body shower rose	Each	170.00	15.65
342	TBSP-F.VI-04	S&F 15 mm nominal size CP finish shower rose 200 mm dia with CP finish flexible pipe	Each	576.00	16.13
343	TBSP-F.VI-05	S&F 15 mm nominal size CP finish brass over head shower arm of 450 mm long with 90 degree bend & wall flange suitable for rain shower	Each	1,233.00	15.99
344	TBSP-F.VI-06	S&F 15 mm nominal size Chromium plated finish brass over head shower arm of 450 mm long with 90 degree bend & wall flange suitable for rain shower and with 10 years warranty	Each	1,500.00	16.01
345	TBSP-F.VI-07	S&F 15 mm nominal size over head 5 flow round massage shower rose	Each	873.00	16.09

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
346	TBSP-F.VI-08	S&F 15 mm nominal size 5 flow hand shower with rabbit cleaning system and 1.5 m long flexible hose and wall hook.	Each	1,800.00	16.05
VII	SUB-SECTION	<b>MISCELLANEOUS CP FITTINGS</b>			
347	TBSP-F.VII-01	S&F of 15 mm Stainless steel flexible hose 1.0 m long for hand shower / health faucet with brass nuts	Each	256.00	15.84
348	TBSP-F.VII-02	S&F of 15 mm CP finish brass body health faucet gun	Each	210.00	16.02
349	TBSP-F.VII-03	S&F CP finish brass bottle trap 250 mm long with wall connection pipe & wall Flange	Each	950.00	25.16
350	TBSP-F.VII-04	S&F CP finish brass bottle trap 190mm long with wall connection pipe & wall Flange	Each	954.00	25.20
351	TBSP-F.VII-05	S&F PVC bottle trap with wall connection pipe	Each	142.00	25.66
352	TBSP-F.VII-06	S&F CP finish brass body 32 mm dia nominal size waste coupling with half/full thread & brass check nut conforming to IS 2963: 1979	Each	234.00	15.84
353	TBSP-F.VII-07	S&F CP finish brass body 32 mm dia nominal size waste coupling with half/ full thread & brass body check nut and chain & plug conforming to IS 2963: 1979	Each	255.00	15.91
354	TBSP-F.VII-08	S&F CP finish brass body 32 mm dia nominal size waste coupling doom type with half/ full thread & brass body check nut conforming to IS 2963: 1979	Each	302.00	16.15
355	TBSP-F.VII-09	S&F brass body CP spreader for urinals	Each	156.00	16.42
356	TBSP-F.VII-10	S&F CP finish steel towel rod of 600 mm long and 20 mm dia with brackets	Each	396.00	16.13
357	TBSP-F.VII-11	S&F CP finish brass towel rod 600 mm long and 20 mm dia with brackets	Each	1,071.00	16.03
358	TBSP-F.VII-12	S&F of Towel rod 24 " premium make powder coated stainless steel body with 10 years warranty	Each	3,240.00	16.00
359	TBSP-F.VII-13	S&F CP finish brass wall mounted towel ring	Each	617.00	15.98
360	TBSP-F.VII-14	S&F of Chromium plated finish stainless steel body Towel Ring with 10 years warranty	Each	1,004.00	16.07
361	TBSP-F.VII-15	S&F of powder coated brass body finish Towel ring premium make with 10 years warranty	Each	2,073.00	16.00
362	TBSP-F.VII-16	S&F of Chromium plated finish stainless steel body towel rail 24" with 10 years warranty	Each	1,621.00	16.03
363	TBSP-F.VII-17	S&F powder coated stainless steel body wall mounted towel rack 600 mm long	Each	3,402.00	16.03
364	TBSP-F.VII-18	S&F CP finish brass metal body single coat hook	Each	405.00	16.05
365	TBSP-F.VII-19	S&F CP finish brass robe hook	Each	315.00	15.81
366	TBSP-F.VII-20	Supply & Fixing Double coat hook with 10 years warranty	Each	750.00	16.10

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
367	TBSP-F.VII-21	S&F CP finish brass soap dish	Each	567.00	15.95
368	TBSP-F.VII-22	S&F Stainless steel liquid soap container wall mounted and bottle type	Each	450.00	15.98
369	TBSP-F.VII-23	S&F premium make wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange and with 10 years warranty	Each	5,509.00	25.20
370	TBSP-F.VII-24	S&F premium make wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange powder coated with 10 years warranty	Each	8,666.00	25.21
371	TBSP-F.VII-25	S&F of Chromium plated finish stainless steel body Toilet paper holder with 10 years warranty	Each	873.00	16.09
372	TBSP-F.VII-26	S&F Stainless steel 4" dia round Grating with frame for nahany or floor trap cover with or without hole	Each	63.00	16.67
373	TBSP-F.VII-27	S&F Stainless steel 5" square Grating with frame for nahany or floor trap cover with or without hole	Each	76.00	15.15
374	TBSP-F.VII-28	S&F Stainless steel 4" dia round Grating for nahany or floor trap cover with cockroach trap with or without hole	Each	165.00	16.20
375	TBSP-F.VII-29	S&F Stainless steel 5" square Grating for nahany or floor trap cover with cockroach trap with or without hole	Each	172.00	16.22
376	TBSP-F.VII-30	S&F brass body plumber union of size 31.75 mm dia with check nut	Each	69.00	16.95
377	TBSP-F.VII-31	S&F brass body plumber union of size 38.1 mm dia with check nut	Each	75.00	15.38
378	TBSP-F.VII-32	S&F 4" dia CP thimble pipe: 150 mm long	Each	413.00	16.01
379	TBSP-F.VII-33	S&F 4" dia CP thimble pipe: 220 mm long	Each	617.00	15.98
380	TBSP-F.VII-34	S&F 4" dia CP thimble pipe: 300 mm long	Each	824.00	16.06
381	TBSP-F.VII-35	S&F CP long bend	Each	349.00	15.95
382	TBSP-F.VII-36	S&F CP short bend	Each	175.00	15.89
383	TBSP-F.VII-37	Supply & fixing of LLC handle set 1st quality	Each	79.00	16.18
384	TBSP-F.VII-38	S&F premium make copper pipe 450 mm long with nuts & washers with 10 years warranty	Each	419.00	0.00
385	TBSP-F.VII-39	S&F premium make copper pipe 450 mm long with nuts & washers power colour coated and with 10 years warranty	Each	811.00	0.00
386	TBSP-F.VII-40	S&F of Chromium plated finish stainless steel body Tumbler holder with 10 years warranty	Each	1,093.00	16.03
387	TBSP-F.VII-41	S&F of Chromium plated finish stainless steel body Glass shelf 22" with 10 years warranty	Each	2,149.00	16.04
VIII	SUB-SECTION	LABOUR CHARGES			

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
388	TBSP-F.VIII-01	Labour charges for fixing all types of CP Taps & faucets	Each	48.00	0.00
389	TBSP-F.VIII-02	Labour charges for fixing all types of CP Stop & Angle Valves	Each	93.00	0.00
390	TBSP-F.VIII-03	Labour charges for fixing all types of wall combination taps, mixers & diverters	Each	164.00	0.00
391	TBSP-F.VIII-04	Labour charges for fixing all types of miscellaneous CP fittings	Each	93.00	0.00
392	TBSP-F.VIII-05	Mechanical Cleaning of water sumps with pumps & UV disinfecting	1000	27.00	0.00
<b>G</b>	<b>SECTION</b>	<b>G.I. PIPES &amp; FITTINGS (Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)</b>			
I	SUB-SECTION	G.I. PIPES			
393	TBSP-G.I-01	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	167.00	15.97
394	TBSP-G.I-02	S& F 20 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	192.00	16.36
395	TBSP-G.I-03	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	252.00	16.13
396	TBSP-G.I-04	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	350.00	15.89
397	TBSP-G.I-05	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	396.00	16.13
398	TBSP-G.I-06	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	432.00	16.13
399	TBSP-G.I-07	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	185.00	16.35
400	TBSP-G.I-08	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	206.00	15.73

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
401	TBSP-G.I-09	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	270.00	15.88
402	TBSP-G.I-10	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	379.00	15.90
403	TBSP-G.I-11	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	424.00	16.16
404	TBSP-G.I-12	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	457.00	15.99
405	TBSP-G.I-13	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	811.00	16.02
II	SUB-SECTION	G.I. FITTINGS			
406	TBSP-G.II-01	S& F GI union 15 mm nominal size 1st Quality	Each	41.00	17.14
407	TBSP-G.II-02	S& F GI union 20 mm nominal size 1st Quality	Each	49.00	16.67
408	TBSP-G.II-03	S& F GI union 25 mm nominal size 1st Quality	Each	75.00	15.38
409	TBSP-G.II-04	S& F GI union 30 mm nominal size 1st Quality	Each	93.00	16.25
410	TBSP-G.II-05	S& F GI union 40 mm nominal size 1st Quality	Each	111.00	15.63
411	TBSP-G.II-06	S& F GI union 50 mm nominal size 1st Quality	Each	137.00	16.10
412	TBSP-G.II-07	S& F GI connector 25 mm nominal size dia	Each	82.00	15.49
413	TBSP-G.II-08	S& F 15 mm nominal size GI "T" A class 1st quality	Each	50.00	16.28
414	TBSP-G.II-09	S& F 30 mm nominal size dia GI bend 1st quality	Each	75.00	15.38
415	TBSP-G.II-10	S & F 30 mm nominal size dia GI "T" 1st Quality	Each	74.00	15.63
416	TBSP-G.II-11	S & F 25 mm nominal size copper body float valve with PVC ball Indian make ISI mark	Each	426.00	16.08
417	TBSP-G.II-12	S & F 20 mm nominal size copper body float valve with PVC ball Indian make ISI mark	Each	349.00	15.95
418	TBSP-G.II-13	S & F 15 mm nominal size copper body float valve with PVC ball Indian make ISI mark	Each	226.00	15.90
419	TBSP-G.II-14	Supplying & fixing leather washers for 15 mm nominal size bib tap and stop cock	Each	1.00	0.00
420	TBSP-G.II-15	Supplying & fixing leather washers for 20 mm nominal size bib tap and stop cock	Each	3.00	0.00
421	TBSP-G.II-16	Supplying & Fixing 15 mm nominal size fibre washers	Each	3.00	0.00
422	TBSP-G.II-17	Supplying & Fixing 20 mm nominal size fibre washers	Each	3.00	0.00



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
423	TBSP-G.II-18	S & F 15 mm nominal sizeholder bat clamps	Each	12.00	20.00
424	TBSP-G.II-19	S & F 20 mm nominal sizeholder bat clamps	Each	19.00	18.75
425	TBSP-G.II-20	S & F 25 mm nominal sizeholder bat clamps	Each	25.00	13.64
426	TBSP-G.II-21	S & F 40 mm nominal sizeholder bat clamps	Each	29.00	16.00
427	TBSP-G.II-22	Supplying & fixing 15 mm nominal sizeGI drain pipe with plug for tanks (Mud valve) including making a hole	Each	43.00	16.22
428	TBSP-G.II-23	Supplying & fixing 20 mm nominal sizeGI drain pipe with plug for tanks (Mud valve) including making a hole	Each	62.00	16.98
429	TBSP-G.II-24	Supplying & fixing 25 mm nominal sizeGI drain pipe with plug for tanks (Mud valve) including making a hole	Each	74.00	15.63
III	SUB-SECTION	BRONZE (COPPER ALLOY) VALVES			
430	TBSP-G.III-01	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 15 mm NB Size	Each	636.00	16.06
431	TBSP-G.III-02	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 20 mm NB Size	Each	858.00	15.95
432	TBSP-G.III-03	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 25 mm NB Size	Each	1,233.00	15.99
433	TBSP-G.III-04	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 32 mm NB Size	Each	1,875.00	16.03
434	TBSP-G.III-05	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 40 mm NB Size	Each	2,533.00	16.03
435	TBSP-G.III-06	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 50 mm NB Size	Each	3,711.00	16.01
436	TBSP-G.III-07	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 65 mm NB Size	Each	5,730.00	16.02
437	TBSP-G.III-08	S & F Bronze Gate/ Globe valve as per IS - 778 Class - I, Indian make heavy type - 80 mm NB Size	Each	8,494.00	16.02
438	TBSP-G.III-09	Supplying & fixing Bronze Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	470.00	16.05
439	TBSP-G.III-10	Supplying & fixing Bronze Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	686.00	16.07
440	TBSP-G.III-11	Supplying & fixing Bronze Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	1,073.00	16.00
441	TBSP-G.III-12	Supplying & fixing Bronze Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 32 mm NB Size	Each	1,574.00	15.99
442	TBSP-G.III-13	Supplying & fixing Bronze Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	2,184.00	16.05
443	TBSP-G.III-14	Supplying & fixing Bronze Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	443.00	15.97

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
444	TBSP-G.III-15	Supplying & fixing Bronze Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	576.00	16.13
445	TBSP-G.III-16	Supplying & fixing Bronze Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	870.00	16.00
446	TBSP-G.III-17	Supplying & fixing Bronze Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 32 mm NB Size	Each	1,200.00	16.05
447	TBSP-G.III-18	Supplying & fixing Bronze Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	1,450.00	16.00
448	TBSP-G.III-19	Supplying & fixing Bronze Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 50 mm NB Size	Each	2,300.00	16.04
449	TBSP-G.III-20	S & F Bronze Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 15 mm NB Size	Each	207.00	16.29
450	TBSP-G.III-21	S & F Bronze Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 20 mm NB Size	Each	301.00	16.22
451	TBSP-G.III-22	S & F Bronze Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 25 mm NB Size	Each	423.00	15.89
452	TBSP-G.III-23	S & F Bronze Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 32 mm NB Size	Each	751.00	16.07
453	TBSP-G.III-24	S & F Bronze Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 40 mm NB Size	Each	1,033.00	16.07
454	TBSP-G.III-25	S & F Bronze Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 50 mm NB Size	Each	1,552.00	15.99
455	TBSP-G.III-26	S & F Bronze Compact pressure reducing valve (Screwed) as per IS - Class -I, Indian make heavy type - 15 mm NB Size	Each	1,348.00	16.01
456	TBSP-G.III-27	S & F Bronze Compact pressure reducing valve (Screwed) as per IS - Class -I, Indian make heavy type - 20 mm NB Size	Each	1,716.00	16.02
IV	SUB-SECTION	LABOUR CHARGES FOR G.I PLUMBING			
457	TBSP-G.IV-01	Taking branch water connection from the existing 25 mm nominal size GI pipe including cutting threading, etc, complete with fitting	Each	157.00	0.00
458	TBSP-G.IV-02	Taking branch water connection from the existing 20 mm nominal size GI pipe including cutting threading, etc, complete with fitting	Each	90.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
459	TBSP-G.IV-03	Taking branch water connection from the existing 15 mm nominal size GI pipe including cutting threading, etc, complete with fitting	Each	62.00	0.00
<b>H</b>	<b>SECTION</b>	<b>PVC PIPES &amp; FITTINGS (Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)</b>			
<b>I</b>	<b>SUB-SECTION</b>	<b>PVC PIPES</b>			
460	TBSP-H.I-01	75 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	255.00	18.06
461	TBSP-H.I-02	90 mm dia 3 M single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	405.00	18.08
462	TBSP-H.I-03	110 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	484.00	18.05
463	TBSP-H.I-04	75 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	288.00	18.03
464	TBSP-H.I-05	90 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	459.00	17.99
465	TBSP-H.I-06	110 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	562.00	18.07
466	TBSP-H.I-07	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	179.00	17.76
467	TBSP-H.I-08	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	277.00	18.38
468	TBSP-H.I-09	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	344.00	18.21
469	TBSP-H.I-10	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	191.00	17.90
470	TBSP-H.I-11	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	294.00	18.07
471	TBSP-H.I-12	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	356.00	18.27
472	TBSP-H.I-13	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	132.00	17.86
473	TBSP-H.I-14	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	202.00	18.13
474	TBSP-H.I-15	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	243.00	17.96
475	TBSP-H.I-16	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	111.00	18.09
476	TBSP-H.I-17	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	163.00	18.12
477	TBSP-H.I-18	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	210.00	17.98
478	TBSP-H.I-19	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	67.00	17.54
479	TBSP-H.I-20	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	112.00	17.89

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
480	TBSP-H.I-21	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	140.00	17.65
481	TBSP-H.I-22	160 MM dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm	Each	1,153.00	18.14
482	TBSP-H.I-23	75 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	432.00	18.03
483	TBSP-H.I-24	90 mm dia 3 M single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	696.00	18.17
484	TBSP-H.I-25	110 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	828.00	18.12
485	TBSP-H.I-26	75 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	473.00	18.25
486	TBSP-H.I-27	90 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	750.00	18.11
487	TBSP-H.I-28	110 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	914.00	18.09
488	TBSP-H.I-29	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	284.00	18.33
489	TBSP-H.I-30	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	441.00	18.23
490	TBSP-H.I-31	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	525.00	18.24
491	TBSP-H.I-32	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	303.00	17.90
492	TBSP-H.I-33	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	459.00	17.99
493	TBSP-H.I-34	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	567.00	18.13
494	TBSP-H.I-35	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	205.00	17.82
495	TBSP-H.I-36	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	318.00	18.22
496	TBSP-H.I-37	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	387.00	17.99
497	TBSP-H.I-38	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	177.00	18.00
498	TBSP-H.I-39	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	260.00	18.18
499	TBSP-H.I-40	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	314.00	18.05
500	TBSP-H.I-41	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	114.00	17.53
501	TBSP-H.I-42	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	178.00	17.88
502	TBSP-H.I-43	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	227.00	18.23
503	TBSP-H.I-44	160 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm	Each	1,885.00	18.11

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
II	SUB-SECTION	PVC FITTINGS			
504	TBSP-H.II-01	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	6.00	20.00
505	TBSP-H.II-02	Supply of Plastic storage tank lid with hinges	Each	76.00	18.75
506	TBSP-H.II-03	Supply & Fixing 75 mm nominal size dia PVC elbow Ist quality	Each	47.00	14.63
507	TBSP-H.II-04	Supply & fixing 30 mm nominal sizedia PVC flexible waste pipe of 914.4 mm length of Ist quality	Each	26.00	18.18
508	TBSP-H.II-05	Supply & Fixing 40 mm nominal sizedia PVC solid waste pipe outlet	Each	89.00	15.58
509	TBSP-H.II-06	Supply & fixing Fancy PVC shelf including all fittings	Each	212.00	15.85
510	TBSP-H.II-07	Supply & fixing of PVC low level system with internal components & short bend: 10 Litres capacity Single Flush	Each	1,455.00	16.03
511	TBSP-H.II-08	Supply & fixing of PVC low level system with internal components & short bend: 10 litres capacity Dual Flush	Each	1,708.00	16.03
512	TBSP-H.II-09	Supply & fixing of PVC low level system with internal components & short bend: 8 Litres capacity single Flush	Each	823.00	16.08
513	TBSP-H.II-10	75 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	50.00	19.05
514	TBSP-H.II-11	90 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	70.00	18.64
515	TBSP-H.II-12	110 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	83.00	18.57
516	TBSP-H.II-13	75 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	67.00	17.54
517	TBSP-H.II-14	90 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	95.00	18.75
518	TBSP-H.II-15	110 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	Each	107.00	17.58
519	TBSP-H.II-16	75 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	39.00	18.18
520	TBSP-H.II-17	90 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	54.00	17.39
521	TBSP-H.II-18	110 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings	Each	70.00	18.64
522	TBSP-H.II-19	75 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	67.00	17.54
523	TBSP-H.II-20	90 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	98.00	18.07
524	TBSP-H.II-21	110 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings	Each	118.00	18.00
525	TBSP-H.II-22	75 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	59.00	18.00
526	TBSP-H.II-23	90 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	89.00	18.67

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
527	TBSP-H.II-24	110 mm dia - Single Tee - UPVC/SWR Pipe fittings	Each	108.00	18.68
528	TBSP-H.II-25	75 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	73.00	17.74
529	TBSP-H.II-26	90 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	108.00	18.68
530	TBSP-H.II-27	110 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings	Each	130.00	18.18
531	TBSP-H.II-28	75 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	125.00	17.92
532	TBSP-H.II-29	90 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	183.00	18.06
533	TBSP-H.II-30	110 mm dia - Double Tee - UPVC/SWR Pipe fittings	Each	260.00	18.18
534	TBSP-H.II-31	75 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	200.00	18.34
535	TBSP-H.II-32	90 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	286.00	18.18
536	TBSP-H.II-33	110 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings	Each	295.00	18.00
537	TBSP-H.II-34	75 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	74.00	17.46
538	TBSP-H.II-35	90 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	118.00	18.00
539	TBSP-H.II-36	110 mm dia - Single 'Y' - UPVC/SWR Pipe fittings	Each	136.00	18.26
540	TBSP-H.II-37	75 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	95.00	18.75
541	TBSP-H.II-38	90 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	149.00	18.25
542	TBSP-H.II-39	110 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	171.00	17.93
543	TBSP-H.II-40	75 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	102.00	18.60
544	TBSP-H.II-41	90 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	158.00	17.91
545	TBSP-H.II-42	110 mm dia - Double 'Y' - UPVC/SWR Pipe fittings	Each	179.00	17.76
546	TBSP-H.II-43	75 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	132.00	17.86
547	TBSP-H.II-44	90 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	206.00	18.39
548	TBSP-H.II-45	110 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings	Each	231.00	17.86
549	TBSP-H.II-46	75 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	35.00	16.67
550	TBSP-H.II-47	90 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	51.00	18.60
551	TBSP-H.II-48	110 mm dia - Coupler - UPVC/SWR Pipe fittings	Each	57.00	18.75
552	TBSP-H.II-49	90 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings	Each	59.00	18.00
553	TBSP-H.II-50	110 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings	Each	57.00	18.75
554	TBSP-H.II-51	90 x 110 mm dia - Reducer - UPVC/SWR Pipe fittings	Each	79.00	17.91
555	TBSP-H.II-52	63 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	9.00	12.50
556	TBSP-H.II-53	75 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	14.00	16.67
557	TBSP-H.II-54	90 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	17.00	21.43
558	TBSP-H.II-55	110 mm dia - Vent Cowl - UPVC/SWR Pipe fittings	Each	19.00	18.75
559	TBSP-H.II-56	40 mm dia - Pipe Clip - UPVC/SWR Pipe fittings - Pipe Clip - UPVC/SWR Pipe fittings	Each	11.00	22.22
560	TBSP-H.II-57	50 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	14.00	16.67

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
561	TBSP-H.II-58	63 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	14.00	16.67
562	TBSP-H.II-59	75 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	15.00	15.38
563	TBSP-H.II-60	90 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	17.00	21.43
564	TBSP-H.II-61	110 mm - Pipe Clip - UPVC/SWR Pipe fittings	Each	18.00	20.00
565	TBSP-H.II-62	160 mm dia - Pipe Clip - UPVC/SWR Pipe fittings	Each	35.00	16.67
566	TBSP-H.II-63	P' Trap ( Small without Air vent ) 110 mm - UPVC/SWR Pipe fittings	Each	188.00	18.24
567	TBSP-H.II-64	P' Trap ( Small with Air vent ) 110 mm - UPVC/SWR Pipe fittings	Each	208.00	18.18
568	TBSP-H.II-65	P' Trap ( Big with Air vent ) 110 mm - UPVC/SWR Pipe fittings	Each	238.00	18.41
569	TBSP-H.II-66	P' Trap ( Big without Air vent ) 110 mm - UPVC/SWR Pipe fittings	Each	219.00	18.38
570	TBSP-H.II-67	Floor Trap ( Bell Mouth ) 110 mm - UPVC/SWR Pipe fittings	Each	227.00	18.23
571	TBSP-H.II-68	Bell Mouth Trap 7 " ( 177.8 mm ) - UPVC/SWR Pipe fittings	Each	330.00	18.28
572	TBSP-H.II-69	4" (101.6 mm ) Nahany Trap ( Without Jali with inlet)UPVC/SWR Pipe fittings	Each	112.00	17.89
573	TBSP-H.II-70	3" (75 mm nominal size ) Nahany Trap ( without Jali without inlet)UPVC/SWR Pipe fittings	Each	87.00	17.57
574	TBSP-H.II-71	4" (101.6 mm ) Nahany Trap ( without inlet with out Jali)UPVC/SWR Pipe fittings	Each	108.00	18.68
575	TBSP-H.II-72	Mini Trap - UPVC/SWR Pipe fittings	Each	53.00	17.78
576	TBSP-H.II-73	3" (75 mm nominal size ) Nahany Trap with Jali - UPVC/SWR Pipe fittings	Each	102.00	18.60
577	TBSP-H.II-74	4" (101.6 mm ) multi floor trap with Jali- UPVC/SWR Pipe fittings	Each	144.00	18.03
578	TBSP-H.II-75	4" (101.6) multi floor trap with out Jalli- UPVC/SWR Pipe fittings	Each	112.00	17.89
579	TBSP-H.II-76	Round Jali - UPVC/SWR Pipe fittings	Each	24.00	20.00
580	TBSP-H.II-77	Square tile & Jalli - UPVC/SWR Pipe fittings	Each	39.00	18.18
581	TBSP-H.II-78	Pipe connector ( with LIP ring ) - UPVC/SWR Pipe fittings	Each	151.00	17.97
582	TBSP-H.II-79	Pipe connector ( with out LIP ring ) - UPVC/SWR Pipe fittings	Each	117.00	18.18
583	TBSP-H.II-80	4" (101.6 mm ) Floor Trap - UPVC/SWR Pipe fittings	Each	138.00	17.95
584	TBSP-H.II-81	5" (127.mm ) floor Trap - UPVC/SWR Pipe fittings	Each	146.00	17.74
585	TBSP-H.II-82	75 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	57.00	18.75
586	TBSP-H.II-83	90 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	64.00	18.52
587	TBSP-H.II-84	110 mm dia - Door cap - UPVC/SWR Pipe fittings	Each	74.00	17.46
588	TBSP-H.II-85	75 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	53.00	17.78
589	TBSP-H.II-86	90 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	61.00	17.31
590	TBSP-H.II-87	110 mm dia - Socket plug - UPVC/SWR Pipe fittings	Each	64.00	18.52
591	TBSP-H.II-88	75 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	8.00	14.29
592	TBSP-H.II-89	90 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	9.00	12.50

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
593	TBSP-H.II-90	110 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings	Each	11.00	22.22
594	TBSP-H.II-91	75 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	9.00	12.50
595	TBSP-H.II-92	90 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	11.00	22.22
596	TBSP-H.II-93	110 mm dia - Door Socket - UPVC/SWR Pipe fittings	Each	14.00	16.67
597	TBSP-H.II-94	LIP ring 110 mm - UPVC/SWR Pipe fittings	Each	69.00	18.97
598	TBSP-H.II-95	110mm x 90 mm - Internal Reducer - UPVC/SWR Pipe fittings	Each	90.00	18.42
599	TBSP-H.II-96	160 mm x 110 mm - Internal Reducer - UPVC/SWR Pipe fittings	Each	224.00	17.89
III	SUB-SECTION	<b>PVC PLUMBING ACCESSORIES</b>			
600	TBSP-H.III-01	Rubber Lubricant - 100 Grams	Each	29.00	26.09
601	TBSP-H.III-02	Rubber Lubricant - 250 Grams	Each	65.00	30.00
602	TBSP-H.III-03	Rubber Lubricant - 500 Grams	Each	118.00	28.26
603	TBSP-H.III-04	Rubber Lubricant - 1000 Grams	Each	219.00	28.82
604	TBSP-H.III-05	P' Trap with lip UPVC/SWR Pipe fittings	Each	298.00	18.25
605	TBSP-H.III-06	50 ml - Solvent Cement	Each	15.00	25.00
606	TBSP-H.III-07	100 ml - Solvent Cement	Each	25.00	31.58
607	TBSP-H.III-08	250 ml - Solvent Cement	Each	59.00	28.26
608	TBSP-H.III-09	500 ml - Solvent Cement	Each	116.00	28.89
609	TBSP-H.III-10	1000 ml - Solvent Cement	Each	227.00	28.98
IV	SUB-SECTION	<b>LABOUR CHARGES FOR PVC PLUMBING</b>			
610	TBSP-H.IV-01	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	71.00	0.00
611	TBSP-H.IV-02	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice - up to 40 mm dia	1 RM	32.00	0.00
612	TBSP-H.IV-03	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice - above 40 mm dia	1 RM	53.00	0.00
J	SECTION	<b>MISCELLANEOUS ITEMS</b>			
I	SUB-SECTION	<b>MISCELLANEOUS PLUMBING WORK ITEMS</b>			
613	TBSP-J.I-01	Supplying & Fixing solder joints up to 50 mm nominal size dia	Each	61.00	15.09
614	TBSP-J.I-02	Supplying & Fixing solution joints up to 50.8 dia Ist quality.	Each	12.00	20.00
615	TBSP-J.I-03	Chiselling the stone masonry wall for fixing of wooden blocks including finishing as directed by the department	Each	31.00	0.00



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
616	TBSP-J.I-04	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	145.00	0.00
617	TBSP-J.I-05	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	31.00	0.00
618	TBSP-J.I-06	Painting the flushing tank with white enamel paint	Each	105.00	28.05
619	TBSP-J.I-07	S & F internal cistern fittings for PVC flush tank	Each	820.00	25.19
620	TBSP-J.I-08	Repairing and over hauling flushing tank	Each	95.00	0.00
621	TBSP-J.I-09	Removing and refixing W.C s	Each	249.00	0.00
622	TBSP-J.I-10	Removing and refixing wash hand basins of any size with fittings complete	Each	224.00	0.00
623	TBSP-J.I-11	Removing 15 mm nominal sizeGI pipe and refixing the same	Mr.	69.00	0.00
624	TBSP-J.I-12	Removing 20 mm nominal sizeGI pipe and refixing the same	Mr.	76.00	0.00
625	TBSP-J.I-13	Removing 25 mm nominal sizeGI pipe and refixing the same	Mr.	114.00	0.00
626	TBSP-J.I-14	Removing 40 mm nominal sizeGI pipe and refixing the same	Rm	144.00	0.00
627	TBSP-J.I-15	Removing 50 mm nominal size GI pipe and refixing the same	Rm	168.00	0.00
628	TBSP-J.I-16	Cleaning the W.C with acid and Vim powder	Each	47.00	0.00
629	TBSP-J.I-17	Cleaning the Urinal with acid and Vim power	Each	47.00	0.00
630	TBSP-J.I-18	Cleaning the wash basin with acid and Vim powder	Each	47.00	0.00
631	TBSP-J.I-19	Cleaning the E.W.C with acid and Vim power	Each	47.00	0.00
632	TBSP-J.I-20	Cutting holes in C.C; basement & repairs Labour charges only	Each	109.00	0.00
633	TBSP-J.I-21	Cutting holes in stone masonry & basement and repairs Labour charges only	Each	73.00	0.00
634	TBSP-J.I-22	Cutting holes in Brick masonry & repairs Labour charges only	Each	48.00	0.00
635	TBSP-J.I-23	Cutting holes in RCC slab floor & repairs Labour charges only	Each	73.00	0.00
636	TBSP-J.I-24	Supplying & Fixing NP chain rubber and plug for basin	Each	42.00	16.67
637	TBSP-J.I-25	S & F 25 mm nominal sizedia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	164.00	16.31
638	TBSP-J.I-26	S & F 19.04 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	142.00	16.39
639	TBSP-J.I-27	S & F 609.6 mm long 127 mm wide plate glass shelf with superior quality aluminium railing complete with aluminium screws	Each	209.00	16.11
640	TBSP-J.I-28	S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	69.00	25.45
641	TBSP-J.I-29	Supplying & fixing 88.9 mm A.C cowls	Each	71.00	0.00
642	TBSP-J.I-30	Supplying & fixing A.C Cowl 63.5 mm dia	Each	48.00	0.00
643	TBSP-J.I-31	S & F 76.2 x 101.6 mm teak wood block complete	Each	26.00	0.00

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
644	TBSP-J.I-32	Supplying & Fixing 15 mm nominal sizePVC connection with brass union nut C.P coated	Each	102.00	25.93
645	TBSP-J.I-33	Removing of 101.6 m or 75 mm nominal size CI pipe	1 RM	39.00	0.00
646	TBSP-J.I-34	Supplying & fixing 75 mm nominal size W.I clamps	Each	25.00	13.64
647	TBSP-J.I-35	Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457.2 mm	Each	513.00	25.12
648	TBSP-J.I-36	Supplying & fixing GI pipe plug of size 15 mm nominal sizedia	Each	10.00	11.11
649	TBSP-J.I-37	Supplying & fixing 20 mm dia GI plug	Each	14.00	16.67
650	TBSP-J.I-38	Supplying and fixing 40 mm nominal sizedia of GI plug	Each	72.00	16.13
651	TBSP-J.I-39	Supplying & fixing 50 mm nominal size dia of GI PLUG	Each	110.00	15.79
652	TBSP-J.I-40	Supplying & fixing 75 mm nominal size dia of GI PLUG	Each	200.00	16.28
II	SUB-SECTION	POLYETHYLENE-ALUMINIUM-POLYETHYLENE COMPOSITE PIPES			
653	TBSP-J.II-01	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 for external works including laying pipes, fixing in position, testing and commissioning etc : 16 mm OD pipe	1 RM	157.00	16.30
654	TBSP-J.II-02	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 for external works including laying pipes, fixing in position, testing and commissioning etc : 20 mm OD pipe	1 RM	195.00	16.07
655	TBSP-J.II-03	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 for external works including laying pipes, fixing in position, testing and commissioning etc : 25mm OD pipe	1 RM	244.00	16.19

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
656	TBSP-J.II-04	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 for external works including laying pipes, fixing in position, testing and commissioning etc : 32 mm OD pipe	1 RM	328.00	15.90
657	TBSP-J.II-05	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 for external works including laying pipes, fixing in position, testing and commissioning etc : 40 mm OD pipe	1 RM	431.00	16.17
658	TBSP-J.II-06	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 for external works including laying pipes, fixing in position, testing and commissioning etc : 50 mm OD pipe	1 RM	548.00	16.10
659	TBSP-J.II-07	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 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	227.00	15.82

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
660	TBSP-J.II-08	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 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	272.00	16.24
661	TBSP-J.II-09	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 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	336.00	15.86
662	TBSP-J.II-10	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 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	443.00	15.97
663	TBSP-J.II-11	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 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	575.00	15.93

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
664	TBSP-J.II-12	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 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	726.00	15.97
665	TBSP-J.II-13	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	185.00	16.35
666	TBSP-J.II-14	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	220.00	15.79
667	TBSP-J.II-15	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	267.00	16.09

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
668	TBSP-J.II-16	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	345.00	16.16
669	TBSP-J.II-17	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	442.00	16.01
III	SUB-SECTION	OTHER VARIETIES OF PIPES			
670	TBSP-J.III-01	S&F premium make CPVC Pipes of 15.90mm OD Pipe - SDR 13.5	1 RM	141.00	15.57
671	TBSP-J.III-02	S&F premium make CPVC Pipes of 22.20mm OD Pipe - SDR 13.5	1 RM	160.00	15.94
672	TBSP-J.III-03	S&F premium make CPVC Pipes of 28.60mm OD Pipe - SDR 13.5	1 RM	212.00	15.85
673	TBSP-J.III-04	S&F premium make CPVC Pipes of 34.90mm OD Pipe - SDR 13.5	1 RM	289.00	16.06
674	TBSP-J.III-05	S&F premium make CPVC Pipes of 41.30mm OD Pipe - SDR 13.5	1 RM	360.00	16.13
675	TBSP-J.III-06	S&F premium make CPVC Pipes of 54.00mm OD Pipe - SDR 13.5	1 RM	525.00	15.89
676	TBSP-J.III-07	S&F premium make CPVC Pipes of 15.90mm OD Pipe - SDR 11	1 RM	156.00	16.42
677	TBSP-J.III-08	S&F premium make CPVC Pipes of 22.20mm OD Pipe - SDR 11	1 RM	189.00	15.95
678	TBSP-J.III-09	S&F premium make CPVC Pipes of 28.60mm OD Pipe - SDR 11	1 RM	227.00	15.82
679	TBSP-J.III-10	S&F premium make CPVC Pipes of 34.90mm OD Pipe - SDR 11	1 RM	310.00	16.10
680	TBSP-J.III-11	S&F premium make CPVC Pipes of 41.30mm OD Pipe - SDR 11	1 RM	383.00	16.06
681	TBSP-J.III-12	S&F premium make CPVC Pipes of 54.00mm OD Pipe - SDR 11	1 RM	560.00	15.94

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
682	TBSP-J.III-13	Supply of 20mm x 1.9mm PN 10/PPR pipe conforming to DIN Standards 8077/8078	1 RM	48.00	17.07
683	TBSP-J.III-14	Supply of 25mm x 2.3mm PN 10/PPR pipe conforming to DIN Standards 8077/8078	1 RM	73.00	17.74
684	TBSP-J.III-15	Supply of 32mm x 2.9mm PN 10/PPR pipe conforming to DIN Standards 8077/8079	1 RM	115.00	18.56
685	TBSP-J.III-16	Supply of 40mm x 3.7mm PN 10/PPR pipe conforming to DIN Standards 8077/8079	1 RM	180.00	18.42
686	TBSP-J.III-17	Supply of 50mm x 4.6mm PN 10/PPR pipe conforming to DIN Standards 8077/8080	1 RM	321.00	18.01
687	TBSP-J.III-18	Supply of 63mm x 5.8mm PN 10/PPR pipe conforming to DIN Standards 8077/8081	1 RM	504.00	18.03
688	TBSP-J.III-19	Supply of 75mm x 6.8mm PN 10/PPR pipe conforming to DIN Standards 8077/8082	1 RM	702.00	18.18
689	TBSP-J.III-20	Supply of 90mm x 8.2mm PN 10/PPR pipe conforming to DIN Standards 8077/8083	1 RM	963.00	18.16
690	TBSP-J.III-21	Supply of 110mm x 10mm PN 10/PPR pipe conforming to DIN Standards 8077/8084	1 RM	1,427.00	18.13
691	TBSP-J.III-22	Supply of 20mm x 2.8mm PN 16/PPR pipe conforming to DIN Standards 8077/8078	1 RM	66.00	17.86
692	TBSP-J.III-23	Supply of 25mm x 3.5mm PN 16/PPR pipe conforming to DIN Standards 8077/8078	1 RM	102.00	18.60
693	TBSP-J.III-24	Supply of 32mm x 4.4mm PN 16/PPR pipe conforming to DIN Standards 8077/8079	1 RM	163.00	18.12
694	TBSP-J.III-25	Supply of 40mm x 5.5mm PN 16/PPR pipe conforming to DIN Standards 8077/8079	1 RM	251.00	18.40
695	TBSP-J.III-26	Supply of 50mm x 6.9mm PN 16/PPR pipe conforming to DIN Standards 8077/8080	1 RM	449.00	18.16
696	TBSP-J.III-27	Supply of 63mm x 8.6mm PN 16/PPR pipe conforming to DIN Standards 8077/8081	1 RM	707.00	18.03
697	TBSP-J.III-28	Supply of 75mm x 10.3mm PN 16/PPR pipe conforming to DIN Standards 8077/8082	1 RM	999.00	18.09
698	TBSP-J.III-29	Supply of 90mm x 12.3mm PN 16/PPR pipe conforming to DIN Standards 8077/8083	1 RM	1,425.00	18.16
699	TBSP-J.III-30	Supply of 110mm x 15.1mm PN 16/PPR pipe conforming to DIN Standards 8077/8084	1 RM	2,134.00	18.10
700	TBSP-J.III-31	Supply of 20mm x 3.4mm PN 20/PPR pipe conforming to DIN Standards 8077/8078	1 RM	77.00	18.46
701	TBSP-J.III-32	Supply of 25mm x 4.2mm PN 20/PPR pipe conforming to DIN Standards 8077/8078	1 RM	118.00	18.00
702	TBSP-J.III-33	Supply of 32mm x 5.4mm PN 20/PPR pipe conforming to DIN Standards 8077/8079	1 RM	190.00	18.01
703	TBSP-J.III-34	Supply of 40mm x 6.7mm PN 20/PPR pipe conforming to DIN Standards 8077/8079	1 RM	292.00	18.22
704	TBSP-J.III-35	Supply of 50mm x 8.3mm PN 20/PPR pipe conforming to DIN Standards 8077/8080	1 RM	519.00	18.22
705	TBSP-J.III-36	Supply of 63mm x 10.5mm PN 20/PPR pipe conforming to DIN Standards 8077/8081	1 RM	819.00	18.18

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
706	TBSP-J.III-37	Supply of 75mm x 12.5mm PN 20/PPR pipe conforming to DIN Standards 8077/8082	1 RM	1,162.00	18.09
707	TBSP-J.III-38	Supply of 90mm x 15mm PN 20/PPR pipe conforming to DIN Standards 8077/8083	1 RM	1,579.00	18.10
708	TBSP-J.III-39	Supply of 110mm x 18.3mm PN 20/PPR pipe conforming to DIN Standards 8077/8084	1 RM	2,487.00	18.15
709	TBSP-J.III-40	Supply of 20mm PPR Socket conforming to DIN Standards 8077/8084	Each	11.00	22.22
710	TBSP-J.III-41	Supply of 25mm PPR Socket conforming to DIN Standards 8077/8085	Each	15.00	15.38
711	TBSP-J.III-42	Supply of 32mm PPR Socket conforming to DIN Standards 8077/8086	Each	21.00	16.67
712	TBSP-J.III-43	Supply of 40mm PPR Socket conforming to DIN Standards 8077/8087	Each	36.00	20.00
713	TBSP-J.III-44	Supply of 50mm PPR Socket conforming to DIN Standards 8077/8088	Each	70.00	18.64
714	TBSP-J.III-45	Supply of 63mm PPR Socket conforming to DIN Standards 8077/8089	Each	134.00	18.58
715	TBSP-J.III-46	Supply of 75mm PPR Socket conforming to DIN Standards 8077/8090	Each	204.00	17.92
716	TBSP-J.III-47	Supply of 90mm PPR Socket conforming to DIN Standards 8077/8091	Each	391.00	18.13
717	TBSP-J.III-48	Supply of 110mm PPR Socket conforming to DIN Standards 8077/8092	Each	696.00	18.17
718	TBSP-J.III-49	Supply of 32mm PPR Core Flange conforming to DIN Standards 8077/8086	Each	42.00	16.67
719	TBSP-J.III-50	Supply of 40mm PPR Core Flange conforming to DIN Standards 8077/8087	Each	67.00	17.54
720	TBSP-J.III-51	Supply of 50mm PPR Core Flange conforming to DIN Standards 8077/8088	Each	87.00	17.57
721	TBSP-J.III-52	Supply of 63mm PPR Core Flange conforming to DIN Standards 8077/8089	Each	138.00	17.95
722	TBSP-J.III-53	Supply of 75mm PPR Core Flange conforming to DIN Standards 8077/8090	Each	161.00	18.38
723	TBSP-J.III-54	Supply of 90mm PPR Core Flange conforming to DIN Standards 8077/8091	Each	411.00	18.10
724	TBSP-J.III-55	Supply of 110mm PPR Core Flange conforming to DIN Standards 8077/8092	Each	531.00	18.00
725	TBSP-J.III-56	Supply of 20mm PPR Elbow conforming to DIN Standards 8077/8084	Each	18.00	20.00
726	TBSP-J.III-57	Supply of 25mm PPR Elbow conforming to DIN Standards 8077/8085	Each	22.00	15.79
727	TBSP-J.III-58	Supply of 32mm PPR Elbow conforming to DIN Standards 8077/8086	Each	43.00	19.44
728	TBSP-J.III-59	Supply of 40mm PPR Elbow conforming to DIN Standards 8077/8087	Each	75.00	19.05
729	TBSP-J.III-60	Supply of 50mm PPR Elbow conforming to DIN Standards 8077/8088	Each	140.00	17.65



S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
730	TBSP-J.III-61	Supply of 63mm PPR Elbow conforming to DIN Standards 8077/8089	Each	274.00	18.10
731	TBSP-J.III-62	Supply of 75mm PPR Elbow conforming to DIN Standards 8077/8090	Each	443.00	18.13
732	TBSP-J.III-63	Supply of 90mm PPR Elbow conforming to DIN Standards 8077/8091	Each	824.00	18.05
733	TBSP-J.III-64	Supply of 110mm PPR Elbow conforming to DIN Standards 8077/8092	Each	1,530.00	18.15
734	TBSP-J.III-65	Supply of 20mm PPR Tee conforming to DIN Standards 8077/8084	Each	16.00	14.29
735	TBSP-J.III-66	Supply of 25mm PPR Tee conforming to DIN Standards 8077/8085	Each	28.00	16.67
736	TBSP-J.III-67	Supply of 32mm PPR Tee conforming to DIN Standards 8077/8086	Each	51.00	18.60
737	TBSP-J.III-68	Supply of 40mm PPR Tee conforming to DIN Standards 8077/8087	Each	90.00	18.42
738	TBSP-J.III-69	Supply of 50mm PPR Tee conforming to DIN Standards 8077/8088	Each	160.00	18.52
739	TBSP-J.III-70	Supply of 63mm PPR Tee conforming to DIN Standards 8077/8089	Each	325.00	18.18
740	TBSP-J.III-71	Supply of 75mm PPR Tee conforming to DIN Standards 8077/8090	Each	636.00	18.22
741	TBSP-J.III-72	Supply of 90mm PPR Tee conforming to DIN Standards 8077/8091	Each	922.00	18.05
742	TBSP-J.III-73	Supply of 110mm PPR Tee conforming to DIN Standards 8077/8092	Each	1,598.00	18.11
743	TBSP-J.III-74	Supply of 20mm PPR End Cap conforming to DIN Standards 8077/8084	Each	7.00	16.67
744	TBSP-J.III-75	Supply of 25mm PPR End Cap conforming to DIN Standards 8077/8085	Each	11.00	22.22
745	TBSP-J.III-76	Supply of 32mm PPR End Cap conforming to DIN Standards 8077/8086	Each	21.00	16.67
746	TBSP-J.III-77	Supply of 40mm PPR End Cap conforming to DIN Standards 8077/8087	Each	36.00	20.00
747	TBSP-J.III-78	Supply of 50mm PPR End Cap conforming to DIN Standards 8077/8088	Each	63.00	18.87
748	TBSP-J.III-79	Supply of 63mm PPR End Cap conforming to DIN Standards 8077/8089	Each	134.00	18.58
749	TBSP-J.III-80	Supply of 75mm PPR End Cap conforming to DIN Standards 8077/8090	Each	225.00	18.42
750	TBSP-J.III-81	Supply of 90mm PPR End Cap conforming to DIN Standards 8077/8091	Each	358.00	18.15
751	TBSP-J.III-82	Supply of 110mm PPR End Cap conforming to DIN Standards 8077/8092	Each	708.00	18.20
752	TBSP-J.III-83	Supply of 25mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	13.00	18.18
753	TBSP-J.III-84	Supply of 32mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	22.00	15.79

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
754	TBSP-J.III-85	Supply of 32mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	21.00	16.67
755	TBSP-J.III-86	Supply of 40mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	37.00	19.35
756	TBSP-J.III-87	Supply of 40mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	36.00	20.00
757	TBSP-J.III-88	Supply of 40mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	35.00	16.67
758	TBSP-J.III-89	Supply of 50mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	54.00	17.39
759	TBSP-J.III-90	Supply of 50mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	55.00	17.02
760	TBSP-J.III-91	Supply of 50mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	56.00	19.15
761	TBSP-J.III-92	Supply of 50mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	57.00	18.75
762	TBSP-J.III-93	Supply of 63mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	124.00	18.10
763	TBSP-J.III-94	Supply of 63mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	124.00	18.10
764	TBSP-J.III-95	Supply of 63mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	125.00	17.92
765	TBSP-J.III-96	Supply of 63mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	126.00	17.76
766	TBSP-J.III-97	Supply of 63mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	127.00	17.59
767	TBSP-J.III-98	Supply of 75mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	184.00	17.95
768	TBSP-J.III-99	Supply of 75mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	185.00	17.83
769	TBSP-J.III-100	Supply of 75mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	235.00	18.09
770	TBSP-J.III-101	Supply of 90mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	449.00	18.16
771	TBSP-J.III-102	Supply of 90mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	476.00	18.11
772	TBSP-J.III-103	Supply of 110mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	600.00	18.11
773	TBSP-J.III-104	Supply of 110mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	698.00	18.10
774	TBSP-J.III-105	Supply of 110mm x 90mm PPR Reducer conforming to DIN Standards 8077/8092	Each	753.00	18.21
775	TBSP-J.III-106	Supply of 25mm x 20mm x 25mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	35.00	16.67
776	TBSP-J.III-107	Supply of 32mm x 25mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	61.00	17.31
777	TBSP-J.III-108	Supply of 32mm x 20mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	62.00	19.23

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
778	TBSP-J.III-109	Supply of 40mm x 20mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	101.00	17.44
779	TBSP-J.III-110	Supply of 40mm x 25mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	103.00	18.39
780	TBSP-J.III-111	Supply of 40mm x 32mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	105.00	17.98
781	TBSP-J.III-112	Supply of 50mm x 20mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	146.00	17.74
782	TBSP-J.III-113	Supply of 50mm x 25mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	148.00	18.40
783	TBSP-J.III-114	Supply of 50mm x 32mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	152.00	17.83
784	TBSP-J.III-115	Supply of 50mm x 40mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	153.00	17.69
785	TBSP-J.III-116	Supply of 63mm x 20mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	423.00	18.16
786	TBSP-J.III-117	Supply of 63mm x 25mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	425.00	18.06
787	TBSP-J.III-118	Supply of 63mm x 32mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	431.00	18.08
788	TBSP-J.III-119	Supply of 63mm x 40mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	438.00	18.06
789	TBSP-J.III-120	Supply of 63mm x 50mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	445.00	18.04
790	TBSP-J.III-121	Supply of 75mm x 50mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	598.00	18.18
791	TBSP-J.III-122	Supply of 75mm x 63mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	607.00	18.09
792	TBSP-J.III-123	Supply of 90mm x 50mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	805.00	18.21
793	TBSP-J.III-124	Supply of 90mm x 63mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	855.00	18.09
794	TBSP-J.III-125	Supply of 110mm x 75mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1,459.00	18.14
795	TBSP-J.III-126	Supply of 110mm x 90mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1,517.00	18.15
796	TBSP-J.III-127	Supply of 20mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	112.00	17.89
797	TBSP-J.III-128	Supply of 25mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	115.00	18.56
798	TBSP-J.III-129	Supply of 25mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	201.00	18.24
799	TBSP-J.III-130	Supply of 32mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	205.00	17.82
800	TBSP-J.III-131	Supply of 32mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	212.00	18.44
801	TBSP-J.III-132	Supply of 32mm x 1" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	327.00	18.05

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
802	TBSP-J.III-133	Supply of 40mm x 1¼" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	484.00	18.05
803	TBSP-J.III-134	Supply of 50mm x 1½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	676.00	18.18
804	TBSP-J.III-135	Supply of 63mm x 2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	899.00	18.13
805	TBSP-J.III-136	Supply of 75mm x 2½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1,733.00	18.13
806	TBSP-J.III-137	Supply of 20mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	174.00	18.37
807	TBSP-J.III-138	Supply of 25mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	180.00	18.42
808	TBSP-J.III-139	Supply of 25mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	262.00	18.02
809	TBSP-J.III-140	Supply of 32mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	274.00	18.10
810	TBSP-J.III-141	Supply of 32mm x 1" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	509.00	18.10
811	TBSP-J.III-142	Supply of 40mm x 1¼" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	597.00	18.22
812	TBSP-J.III-143	Supply of 50mm x 1½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	834.00	18.13
813	TBSP-J.III-144	Supply of 63mm x 2" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1,283.00	18.14
814	TBSP-J.III-145	Supply of 75mm x 2½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	2,052.00	18.13
815	TBSP-J.III-146	Supply of 20mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	120.00	17.65
816	TBSP-J.III-147	Supply of 25mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	125.00	17.92
817	TBSP-J.III-148	Supply of 25mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	193.00	18.40
818	TBSP-J.III-149	Supply of 32mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	185.00	17.83
819	TBSP-J.III-150	Supply of 32mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	216.00	18.03
820	TBSP-J.III-151	Supply of 32mm x 1" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	362.00	18.30
821	TBSP-J.III-152	Supply of 20mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	180.00	18.42
822	TBSP-J.III-153	Supply of 25mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	197.00	17.96
823	TBSP-J.III-154	Supply of 25mm x ¾" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	261.00	18.10
824	TBSP-J.III-155	Supply of 32mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	251.00	18.40
825	TBSP-J.III-156	Supply of 32mm x 1" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	541.00	18.12

S.N O	Code	Particulars	Unit	Buildings SoR : 2016-17	Total Embedded Tax Rate (%)
826	TBSP-J.III-157	Supply of 20mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	116.00	18.37
827	TBSP-J.III-158	Supply of 25mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	127.00	17.59
828	TBSP-J.III-159	Supply of 25mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	212.00	18.44
829	TBSP-J.III-160	Supply of 32mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	223.00	17.99
830	TBSP-J.III-161	Supply of 32mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	251.00	18.40
831	TBSP-J.III-162	Supply of 32mm x 1" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	352.00	18.12
832	TBSP-J.III-163	Supply of 20mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	181.00	18.30
833	TBSP-J.III-164	Supply of 25mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	193.00	18.40
834	TBSP-J.III-165	Supply of 25mm x ¾" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	277.00	18.38
835	TBSP-J.III-166	Supply of 32mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	283.00	17.92
836	TBSP-J.III-167	Supply of 32mm x ¾" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	299.00	18.18
837	TBSP-J.III-168	Supply of 32mm x 1" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	552.00	18.20
838	TBSP-J.III-169	Supply of 20mm x ½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	466.00	18.27
839	TBSP-J.III-170	Supply of 25mm x ¾" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	698.00	18.10
840	TBSP-J.III-171	Supply of 32mm x 1" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	932.00	18.12
841	TBSP-J.III-172	Supply of 40mm x 1¼" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	1,306.00	18.08
842	TBSP-J.III-173	Supply of 50mm x 1½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	2,099.00	18.12
843	TBSP-J.III-174	Supply of 63mm x 2" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	3,334.00	18.14
844	TBSP-J.III-175	Supply of 20mm x ½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	534.00	18.14
845	TBSP-J.III-176	Supply of 25mm x ¾" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	710.00	18.14
846	TBSP-J.III-177	Supply of 32mm x 1" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	932.00	18.12
847	TBSP-J.III-178	Supply of 40mm x 1¼" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	1,165.00	18.15
848	TBSP-J.III-179	Supply of 50mm x 1½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	2,215.00	18.13
849	TBSP-J.III-180	Supply of 63mm x 2" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	3,732.00	18.14

S.N O	Code	Particulars	Unit	Buildings SoR : 2016- 17	Total Embedded Tax Rate (%)
850	TBSP-J.III-181	Supply of 20mm PPR Union conforming to DIN Standards 8077/8092	Each	102.00	18.60
851	TBSP-J.III-182	Supply of 25mm PPR Union conforming to DIN Standards 8077/8092	Each	119.00	17.82
852	TBSP-J.III-183	Supply of 32mm PPR Union conforming to DIN Standards 8077/8092	Each	196.00	18.07
853	TBSP-J.III-184	Supply of 20mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	186.00	18.47
854	TBSP-J.III-185	Supply of 25mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	245.00	18.36
855	TBSP-J.III-186	Supply of 32mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	257.00	17.89
856	TBSP-J.III-187	Supply of 40mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	526.00	18.20
857	TBSP-J.III-188	Supply of 50mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	613.00	18.11
858	TBSP-J.III-189	Supply of 63mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	992.00	18.10
859	TBSP-J.III-190	Supply of 75mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	1,633.00	18.16
860	TBSP-J.III-191	Supply of 90mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	2,333.00	18.13
861	TBSP-J.III-192	Supply of 20mm PPR Clamp conforming to DIN Standards 8077/8092	Each	11.00	22.22
862	TBSP-J.III-193	Supply of 25mm PPR Clamp conforming to DIN Standards 8077/8092	Each	14.00	16.67
863	TBSP-J.III-194	Supply of 32mm PPR Clamp conforming to DIN Standards 8077/8092	Each	16.00	14.29
864	TBSP-J.III-195	Supply of 40mm PPR Clamp conforming to DIN Standards 8077/8092	Each	18.00	20.00