

**GENERAL ABSTRACT**

**Name of Work: CONSTRUCTION OF TOILET BLOCKS AT TSNPDCL, RYTHU BAZAAR, MUNICIPAL CORPORATION OFFICE IN KARIMNAGAR MUNICIPALITY**

Sl	Description of Work				Amount
1	Construction of Toilet Block		Each	No's	
2	Construction of Toilet block (Civil work)	As per Sub- Estimate	854525	3	2563574
3	Providing water supply and sanitary arrangements.	As per Sub- Estimate	101705	3	305116
4	Providing internal electrification	As per Sub- Estimate	21773	3	65319
5	Providing and fixing Sanitary Napkin Incinartor	Quotation	9000	3	27000
6	Providing and fixing Sanitary Napkin Vennding Machine	Quotation	5500	3	16500
7	Provsion towards 6500 litres Bio- Digester tank	Quotation	232000	3	696000
	<b>Total</b>				<b>3673508</b>
1	Provision towards GST @ 12% on Civil works	2934008	12.00%		352081
	Provisio towards GST @ 18% on Quotations	739500	18.00%		133110
2	Provision towards Tender Premium	3673508	5.00%		183675
	Provision towards NAC		0.10%		3674
	Provision towards 3rd party QC & QA		0.50%		18368
3	Provision towards Consultant Charges @3.0% excluding GST	3673508	3.00%		110205
4	GST on Consultancy charges		18.00%		19837
5	Provision towards Unforeseen items	L.S.			5542
	<b>Grand Total</b>				<b>4500000</b>
					<b>45.00 Lakhs</b>

Name of Work: CONSTRUCTION OF TOILET BLOCKS AT TSNPDCL, RYTHU BAZAAR, MUNICIPAL CORPORATION OFFICE IN KARIMNAGAR MUNICIPALITY											
Detailed Estimate for Toilet Block for Ladies (2units) and Gents (2units)											
SI.No	Description	Nos			Length	Breadth	Depth	Qty	Units	Rate	Amount
1	Earth work excavation for foundations (Manual Means) for buildings in ordinary soils and depositing on bank for all lifts and with an initial lead of 10m and up to 3m depth including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work including seigniorage excluding dewatering charges etc., as per SS 20 B(APSS 308)										
	For Footings										
	F1	1	x	4	1.05	1.05	1.20	5.29			
	For Basement Alround	1	x	1	25.36	0.45	0.45	5.14			
	For Steps	1	x	1	1.20	0.60	0.10	0.07			
	Deductions:										
	Footings in Basement	-1	x	4	1.05	0.45	0.45	-0.85			
								<b>9.65</b>	<b>Cum</b>	230.04	2220
2	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard , machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seigniorage charges, sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed, ramming in 15 cm layers finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)										
	For Levelling course										
	F1	1	x	4	1.05	1.05	0.10	0.44			
	For Basement Alround	1	x	1	25.36	0.45	0.10	1.14			
	For Steps	1	x	1	1.20	0.60	0.10	0.07			
	for Ramp	1	x	1	5.00	1.20	0.10	0.60			
	Below flooring	1	x	1	7.19	5.49	0.10	3.95			
								<b>6.20</b>	<b>Cum</b>	3784.88	23472
3	Random Rubble stone masonry in CM (1:8) prop: (Cement: Screened sand) using hard granite stones carted from approved quarry including cost and conveyance of all materials like cement, screened sand, water, stones etc., from approved quarry, to site and including seigniorage charges, sales & other taxes on all materials including labour for cutting stones to required size and shape, mixing, of cement, mortar, construction, curing etc.,and overheads & contractors profit complete for finished item of work in foundation and basement. (APSS No. 601 & 615)										
	For Basement Alround upto NGL	1	x	1	25.36	0.45	0.30	3.42			
								<b>3.42</b>	<b>Cum</b>	3352.00	11476
4	RCC M- 20 Nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and Using wooden centering, including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete but excluding cost of steel and its fabrication charges for finished item of work,										

	<b>Footings</b>											
	F1	1	x	4	1.05	1.05	0.30	1.32				
								<b>1.32</b>	<b>Cum</b>	8571.02	11339	
	<b>Pedestals:</b>											
	F1- Footings up to G.L.	1	x	4	0.45	0.45	0.80	0.65				
								0.65	Cum	9171.76	5943	
	<b>Plinth Beams</b>											
	Long Beams	1	x	2	7.65	0.23	0.30	1.06				
	Cross Beams	1	x	2	5.49	0.23	0.30	0.76				
								<b>1.81</b>	<b>Cum</b>	11149.52	20218	
5	RCC M- 20 Nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and Using wooden centering, including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete but excluding cost of steel and its fabrication charges for finished item of work,											
	<b>Lintels</b>											
	Door-D	1	x	1	1.50	0.150	0.15	0.03				
								<b>0.03</b>	<b>Cum</b>	10649.91	359	
6	Filling with useful available excavated earth (excluding rock) with a lead of 50 m in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick, watering and ramming including cost and conveyance of water to work site and all operational, incidental, labour charges, hire charges of T&P etc., and overheads & contractors profit complete for finished item of work (APSS NO.309&310)											
	Qty of Excavated earth							9.65				
								<b>9.65</b>	<b>Cum</b>	32.65	315	
7	Supplying fitting and placing Thermo Mechanically Treated (TMT) (Fe 500 grade as per IS 1786-1979) using primary producers like TATA, SAIL, VSP, Jindal, Shyam Steel etc., of bar reinforcements below 36mm dia.s for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete all taxes except GST for finished item of work.( APSS No.126)											
	For											
	Footings				1.32	80	Kg/cum	105.84				
	Plinth Beams				1.81	100	Kg/cum	181.33				
	Lintel				0.03	80	Kg/cum	2.70				
								289.87				
								<b>0.29</b>	<b>MT</b>	62157.63	18018	

8	Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate) ( consisting of nominal size metal 60% of 20mm, 15% of 13.20/12.50mm, 15% of 10mm and 10% of 6mm) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including seigniorage charges, sales & other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., & lift charges , and overheads & contractors profit for finished item of work. (APSS No. 402)										
	<b>For Bed blocks</b>										
	Door-D	1	x	6	0.23	0.15	0.15	0.03			
								<b>0.03</b>	<b>Cum</b>	5067.51	157
9	Aerated (Cellular) Autoclaved Blokcs masonry 150 mm thick for panel walls in super structure, parapet walls with cement mortar (1:6) prop (cement:sand) using Aerated(Cellular)Autoclaved blocks of size 600x200x230 mm for manufacturing of Aerated (Cellular) Autoclaved blocks from approved source having minimum crushing strength of 3 N/sq.mm of Aerocon/Aerolite or equivalent products 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, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per SS 504. for Aerated (Cellular) Autoclaved Block Masonary in CM(1:6) (600x200x150) (BLD-CDTN-5-17)										
	Long walls Back	1	x	1	7.65	0.15	2.45	2.81			
	Cross wall	1	x	2	5.65	0.15	2.45	4.15			
	for Steps:										
	1st Step	1	x	1	0.90	0.75	0.15	0.10			
	2nd Step	1	x	1	0.60	0.75	0.15	0.07			
	3rd Step	1	x	1	0.30	0.75	0.15	0.03			
	entrance	1	x	1	1.35	0.75	0.60	0.61			
	Diaper changing platform	1	x	1	1.50	0.45	0.45	0.30			
	Deductions:										
	for Lintels:										
	D- Door	-1	x	1	1.50	0.15	0.15	-0.03			
	Bed Blocks:										
	Door-D	-1	x	6	0.23	0.15	0.15	-0.03			
	for Openings:										
	Door-D	-1	x	1	1.20	0.15	2.10	-0.38			
								<b>7.64</b>	<b>Cum</b>	6628.27	50607
10	Reinforced Aerated(Cellular) Autoclaved Concrete Blocks masonry (100 mm thick) for panel walls in super structure, parapet walls with cement mortar (1:4) prop (cement:sand) using Aerated(Cellular) Autoclaved Blocks of 600x200x100 mm for manufacturing of Aerated (Cellular) Autoclaved Concrete blocks from approved source having minimum crushing strength of 3 N/sq.mm 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, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per SS 504. for Aerated(Cellular) Autoclaved Block Masonary in CM(1:6) (600x200x100)(BLD-CSTN-5-17)										
	Long walls Back	1	x	1	7.65		2.45	18.74			

	Walls between toilets and lobby	1	x	2	2.45		2.45	12.01			
	Wall between Gents & ladies toilet	1	x	1	3.85		3.05	11.74			
	for walls of seating platform	1	x	3	0.45		0.60	0.81			
								<b>24.56</b>	<b>Sqm</b>	1128.60	27716
11	<b>Supplying and fixing Gyp Board Suspended regular single layer false ceiling (GS-MFSC-4.1) using 12.5 mm thick Gyp Board conforming to IS 2095 - 1993 fixing to Gyp steel GI perimeter channels of size 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using Intermediate channels (45 mm x 15mm x 15mm x 0.9 mm) from soffit at 1220 mm c/c with ceiling angle (25 mm x 10 mm x 0.55 mm) fixed with GI Cleat and steel expansion fasteners &amp; connecting clip to the ceiling channels (with knurled web of 51.5 mm x 26 mm x 10.5 mm x 0.55 mm) fixed in direction perpendicular to the intermediate channel at 457 mm c/c and fixing the 12.5 mm tapered edge Gypboard with 25 mm drywall screws at 230 mm c/c &amp; jointing and finishing using joint compound and paper tape to have a flush look including filling the tapered &amp; square edges with jointing compound, two coats of drywall topcoat including overheads and contractor profit,all taxes except GST etc., complete for finished item of work</b>										
	for ceiling	1	x	1	7.35	5.65		41.53			
								<b>41.53</b>	<b>Sqm</b>	1046.91	43476
12	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including seigniorage charges, sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer - in - charge etc., and overheads & contractors profit complete for finished item of work for internal walls. (SS 901.903 & 904)										
	Internal out side wall allround										
	Gents toilet allround	1	x	1	14.56		0.35	5.10			
	Ladies toilet allround	1	x	1	14.96		0.35	5.24			
	Lobby area	1	x	1	18.30		0.35	6.41			
	External side Alround	1	x	1	27.20		2.45	66.64			
	External Plinthbeam Alround	1	x	1	27.20		0.30	8.16			
	Walls of seating platform	1	x	3	1.00		0.60	1.80			
	Steps side	1	x	1	0.60		0.30	0.18			
	Ramp side	1	x	1	5.00		0.30	1.50			
	Deductions:										
	D-Door	-1	x	1	1.20		2.10	-2.52			
								<b>92.50</b>	<b>Sqm</b>	441.68	40854
13	<b>Providing, fabricating and fixing in position of structural steel with required Rectangular/Circular/ Square Hollow Sections of Jindal/Tata make as showin in the detailed approved drawings including cutting, welding, hoisting &amp; including cost and conveyance of all materials, all taxes, labour charges for fabrication erection at site work for all heights etc., complete,all taxes except GST as directed by the Engineer-in-Charge for finished item of work.</b>										
	for Columns:						Total length	Wt/Rmt			

	SHS 113 x113 x 5.4mm	1	x	2	3.05		6.10							
	SHS 113 x113 x 5.4mm	1	x	2	3.05		6.10							
	for Rafters													
	Long	1	x	2	7.95		15.90							
	Short	1	x	2	7.45		14.90							
	Middle	1	x	1	7.45		7.45							
							<b>50.45</b>	17.74	Kg/Rmt	894.98				
	Purlings 50x50x4.50mm	1	x	6	7.99		47.94	6.02	Kg/Rmt	288.60				
	Base Plate:													
	240x240x12	1	x	4	0.24	0.24	0.23	98.10	Kg/sqm	22.60				
	Top plate at top of Columns - 12mm thick	1	x	4	0.11	0.15	0.07	98.10	Kg/sqm	6.65				
	Side plates 12mm thick	2	x	4	0.11	0.15	0.14	98.10	Kg/sqm	13.30				
	Lugs - 50x50x6mm 450mm long	8	x	4	0.15		4.80	4.10	Kg/ Rmt	19.68				
	J- Bolts - 16M - 300mm long + threading	1	x	4	0.30		1.20	53.60	Kg/Rmt	64.32				
									Total	1310.14				
	Total Weight of Steel							1310.14	Kgs					
	Add 5% for Wastage						0.05	65.51						
								<b>1375.64</b>	Kgs	86.44	118914			
14	<b>Supplying and fixing of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness,</b> 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 fixed with G.I 'J' bolts & nuts 8 mm dia with bitumen & G.I limpet washers filled with white lead & including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (up to a pitch of 600) etc., complete, excluding the cost of purlins, rafters, trusses including cost and conveyance of all materials . labour charges . overheads and contractors profit etc.. complete for finished item of work in all floors.													
	for sloped roof	1	x	1	9.45	6.55		<b>61.90</b>	sqm	700.00	43328.25			
15	Flooring with Non-skid red or white full body Ceramic floor tiles of size 300 x 300 mm and thickness between 7-8mm 1st quality conforming to IS:13711, IS:13712,IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs as approved by Engineer-in-charge, set over base coat of cement mortar (1:8), 12mm thick using screened sand over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm & jointed neatly with white cement paste to full depth mixed with pigment of matching shade, including cost of all materials like cement, sand water and tiles etc., complete, including seigniorage charges, over heads and contractors profit etc., complete for finished item of work													
	Gents Toilet	1	x	1	3.53	3.75		13.24						
	Ladies Toilet	1	x	1	3.73	3.75		13.99						
	Lobby, PH Toilet & Janitor	1	x	1	7.35	1.80		13.23						
								<b>40.46</b>	Sqm	839.30	33954			

16	Providing dadoing to walls with 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 with borders as approved by Engineer-in-Charge set over base coat of CM(1:5) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete overheads & contractors profit, all taxes except GST complete for finished item of work.									
	Gents Toilet	1	x	1	13.51		2.10	28.37		
	Ladies Toilet	1	x	1	13.91		2.10	29.21		
	Lobby, PH Toilet & Janitor	1	x	1	9.05		2.10	19.01		
								<b>76.59</b>	<b>Sqm</b>	840.32 64358
17	Providing and fixing toilet cubical systems with 12mm thick solid compact laminate panels made of Phenolic resins under high pressure and temperature having density >1.40Kg/cm <sup>3</sup> , including doors, pilasters & intermediate panels, which should be resistant to heat, bacteria, chemical, scratch and impact & water immersion through permissible increase on weight should be <0.60 - 0.80%. Finished product should be as per approved texture, shade & drawing, detailing and developed according to IS - 2046 and EN438 standards. for standard sizes of Toilet Cubicle/ UMP's 1.20 x 1.50 x 2.00									Quotation
	for Toilet cubicals (2 nos Gents, 2No's Ladies, 1 No. PH)	1	x	5				6.00	Nos	23000 138000
	for Urinal Partations	1	x	2				2.00	Nos	3750 7500
18	<b>Flooring with 16 to 18 mm thick Locally available Granite stone slabs black colour</b> as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete all taxes except GST for finished item of work for platforms (S.S.701 & special) for Platform									
	for seating platform	1	x	1	1.38	0.45		0.62		
	Diaper changing platform	1	x	1	2.45	0.45		1.10		
								1.72	sqm	2710.69 4672
19	<b>Providing 16 to 18mm thick Locally available granite stone slabs other than black and regular colours</b> (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:5) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete all taxes except GST for finished item of work <b>for treads and risers</b> (S.S.701 & special)									
	<b>for Treads:</b>									

	Steps:	1	x	2	1.20	0.30		0.72			
	for entrance	1	x	1	1.20	1.00		1.20			
								<b>1.92</b>	sqm	3512.36	6744
	<b>for Risers:</b>										
	for Steps	1	x	2	1.20		0.15	<b>0.36</b>	sqm	3922.24	1412
20	Supplying and fixing of Unplasticised Poly VinylChloride(UPVC)2Track–2Panel Sliding Doorsduly manufactured using UPVC reinforcedprofiles(Composition of profile shall consists aminimum of 5.5 PHR of TiO2 and not more than12 PHR of CaCo3 for every 100 parts of PVCresin) of 60 mm x 45 mm x 2.20 mm with reinforcement of 1.2 mm thickness, super sashwith overall size of 39 mm x 75 mm x 2.20 mm with for sliding door shutter frames capable ofmounting single glazing system, structurallyreinforced with hot dip galvanized up to 50microns of minimum thickness of 1.5 mmprefabricated & welded through fusion welding the door sash shall be fitted with 6 mm thickclear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing beadshall be co-extruded with Grey colour soft PVC. Door shall be provided with standard hardware& multi point locking system of bent handleespagulate .the system is to be installed at thesite using anchor fasteners, silicon rubbersealant, easy glazing/ deglazing at site etc.,including cost and conveyance of allmaterials										
	D- Door	1	x	1	1.20		2.10	2.52			
	D1- Door	1	x	2	1.05		2.10	4.41			
								<b>6.93</b>	Sqm	6472.60	44855
21	Supply & application of one coat water based cement primer of interior grade I and two coats of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/litre for internal walls including cost and conveyance of all materials to site, sales & other taxes, incidental, operational and all labour charges etc., and overheads & contractors profit complete,all taxes except GST for finished item of work in all floors.										
	Gents Toilet	1	x	1	14.56		0.35	5.10			
	Ladies Toilet	1	x	1	14.96		0.35	5.24			
	Lobby PH Toilet Janitor	1	x	1	18.30		0.35	6.41			
								<b>16.74</b>	Sqm	171.38	2868
22	Supply & application of one coat water based cement primer of exterior grade II and two coats of acrylic emulsion paint exterior grade with silicon additives having VOC (Volatile Organic Compound) content less than 50 grams/ liter for exterior walls including cost and conveyance of all materials to site, sales & other taxes, incidental, operational and all labour charges etc., and overheads & contractors profit,all taxes except GST complete for finished item of work in all floors.										
	External side Alround	1	x	1	27.20		2.45	66.64			
	External Plinthbeam Alround	1	x	1	27.20		0.30	8.16			
	Walls of seating platform	1	x	3	1.00		0.60	1.80			
	Steps side	1	x	1	0.60		0.30	0.18			
	Deduct Door D	-1	x	1	1.20		2.10	-2.52			
								<b>74.26</b>	Sqm	249.83	18552







	<b>For Toilet Block</b>													
	for incineration & napkin vending machine	1	x	3			3							
	<b>TOTAL</b>						<b>3</b>	Nos	149.62	1	Nos		448.86	
6	BLD-ELEC -3.1.2 : Supply and run of 1 of 14 /0.3mm (1.0 Sq.mm) FR P.V.C. insulated flexible copper cable in existing pipe <b>for earth continuity</b> including all labour charges etc., complete.													
	<b>For Toilet Block</b>													
	6A 3 pin wall plug socket with 6A switch	1	x	3	6.00		18.00							
	<b>TOTAL</b>						<b>18.00</b>	Rmt	20.72	1	Rmt		372.96	
7	BLD-ELEC-3.1.4 ; Supply and run of 2 of 36/0.3mm (2.5 Sq.mm) F.R P.V.C. insulated flexible copper cable in existing pipe for <b>mains</b> including all labour charges etc., complete.													
	<b>For Toilet Block</b>													
	Total block	1	x	1	15.00		<b>15.00</b>	Rmt	65.37	1	Rmt		980.55	
8	6.1.3 : Supply and Run of 2 of 10 Sq.mm WPSC Aluminium cable along with No.10 SWG G.I bearer wire through PVC cleats with all accessories including labour charges etc., complete for <u>service mains</u> .													
	<b>For Toilet Block</b>													
	Toilet to Block	1	x	1	13.00		<b>15.00</b>	Rmt	66.91	1	Rmt		1003.59	
9	BLD-ELEC-5-1 : Providing independent earthing by excavating a trench to a depth of 2.1 M in all soils, as per size specified in the Data, using 40mm dia 'B' class GI pipe of 2.5 Mtrs length with necessary accessories with hume pipe ring duly providing staggered holes including filling with equal proportion of Salt and Charcoal in layers and all labour charges etc., complete for small quarters.													
	<b>For Toilet Block</b>													
	for Total house	1	x	1			<b>1</b>	Nos	3579.26	1	Nos		3579.26	
10	BLD-ELEC-2.4.2:Supply and erection of Panel mounting cubical tupe 30/32A TPN 415V,50Hz switch disconnector fuse unit complete with front drive mechanism with door inter lock, pad locking arrangements etc complete with fuse links on existing control panel.													
	For ground floor													
	For House	1	x	1			<b>1</b>	Nos	1750.47	1	Nos		1750.47	
	<b>B. Total of internal electrification</b>												<b>Rs 21772.92</b>	



**D A T A (SoR 2019-20)**

**Name of Work: CONSTRUCTION OF TOILET BLOCKS AT TSNPDCL, RYTHU BAZAAR, MUNICIPAL**

	<b>CUM</b>	<b>CM (1:2)</b>	<b>CM (1:3)</b>	<b>CM (1:4)</b>	<b>CM (1:5)</b>	<b>CM (1:6)</b>	<b>CM (1:8)</b>
Cost of Sand for mortar & Plastering ( 1.05 cum )		851.42	851.42	851.42	851.42	851.42	851.42
Cost of cement		3960.00	2640.00	1980.00	1584.00	1320.00	990.00
Mazdoor ( Unskilled ) for mixing mortar ( 0.20 Nos.)		89.00	89.00	89.00	89.00	89.00	89.00
Add for MA @ 25%		22.25	22.25	22.25	22.25	22.25	22.25
<b>Rate per Cum</b>		<b>4922.67</b>	<b>3602.67</b>	<b>2942.67</b>	<b>2546.67</b>	<b>2282.67</b>	<b>1952.67</b>
<b>20 mm HBG graded metal</b>							
Arregates 20mm nominal size		0.60	1267.51	760.51			
Arregates 13.20 / 12.50mm nominal size		0.15	1159.26	173.89			
Arregates 10mm nominal size		0.15	1004.26	150.64			
Arregates 6mm nominal size		0.10	814.26	81.43			
<b>Rate per Cum</b>				<b>1166.47</b>			
<b>12 mm HBG graded metal</b>							
Arregates 13.20 / 12.50mm nominal size		0.60	1159.26	695.56			
Arregates 10mm nominal size		0.20	1004.26	200.85			
Arregates 6mm nominal size		0.20	814.26	162.85			
<b>Rate per Cum</b>				<b>1059.26</b>			

**DATA**

<b>Sl. No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Rate (Rs.)</b>	<b>Per Unit</b>	<b>Amount (Rs.)</b>
1	Earth work excavation for foundations <b>(Manual Means) for buildings in ordinary soils</b> and depositing on bank for all lifts and with an <b>initial lead of 10m and up to 3m depth</b> including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., and overheads & contractors profit complete for finished item of work including seigniorage excluding dewatering charges etc., as per SS 20 B(APSS 308)				
	<b>(BLD-CSTN-2-1)</b>				
	Ordinary Soil – Manual Means up to 3m depth				
	Unit : 1 cum				
	Taking output : 10 cum				
	a) Labour				
	Mazdoor ( Unskilled)	3.64	Nos.	445.00	1619.80
	Area Allowance on Labour	25%		1619.80	404.95
					2024.75
	Overheads&Contractors Profit	13.615%		2024.75	275.67
	Cost for 10 cum ( a+b+c+d)				2300.42
	<b>Rate per cum (a+b+c+d) / 10</b>				<b>230.04</b>
	<b>Rate per 1cum</b>				230.04
				<b>Say</b>	<b>230.04</b>

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)
2	<b>Filling with carted gravel</b> in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick, watering and ramming including cost and conveyance of water to work site and all peraitonal, incidental, labour charges, hire charges of T&P etc., and overheads & contractors profit, all taxes except GST complete , for finished item of work (APSS NO.309&310) <b>(BLD-CSTN-2-8) &amp; Amendment in page 12 of SoR 2014.15</b>				
	Unit : 1 cum				
	Taking output = 6 cum				
	a) Labour				
	Mazdoor ( Unskilled )	0.31 Nos.	445.00	1 No.	137.95
	Add for MA @ 25%	0.25	137.95		34.49
	b)Material :				
	Gravel	6.96 cum	211.01	1 cum	1468.65
					1641.09
	Overheads&Contractors	0.13615	1641.09		223.43
	<b>Rate per 6 cum</b>				<b>1864.52</b>
	<b>Rate per 1 cum</b>				310.75
				<b>Say</b>	<b>310.75</b>
3	<b>Filling with useful available excavated earth</b> (excluding rock) with a lead of 50 m in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick, watering and ramming including cost and conveyance of water to work site and all operaitonal, incidental, labour charges, hire charges of T&P etc., and overheads & contractors profit, all taxes except GST complete, , for finished item of work (APSS NO.309&310) <b>(BLD-CSTN-2-9) &amp; Amendment in page 13 of SoR 2014.15</b>				
	Unit : 1 cum				
	<b>Taking output :</b>	<b>6.00 cum</b>			
	a) Labour				
	Mazdoor ( Unskilled )	0.31 Nos.	445.00	1 No.	137.95
	Add for MA @ 25%	0.25	137.95		34.49
					<b>172.44</b>
	<b>Rate per 6 cum (a+b+c)</b>				<b>172.44</b>
	Overheads&Contractors	0.13615	172.44		23.48
					<b>195.91</b>
	<b>Rate per 1 cum</b>				<b>32.65</b>
				<b>Say</b>	<b>32.65</b>
4	<b>Plain Cement Concrete (1:4:8)</b> (cement: fine aggregate: Coarse aggregate) <b>for foundations and under flooring bed</b> using <b>coarse aggregate 40mm size hard , machine crushed granite</b> from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seignorge charges, sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed, ramming in 15 cm layers finishing top surface to the required level curing etc., and overheads & contractors profit, all taxes except GST complete . for finished item of work (APSS No. 402) <b>(BLD-CSTN-3-5)</b>				
	Unit : 1 cum				
	<b>A.MATERIALS :</b>				
	Cement	162.00 Kgs	5500.00	1000 Kgs	891.00
	Coarse aggregate 40mm	0.90 Cum	811.26	1 Cum	730.14
	Fine aggregate ( Sand )	0.45 Cum	620.87	1 Cum	279.39
	Water (including curing)	1.20 kl	98.00	1 kl	117.60
	<b>B.MACHINERY :</b>				
	Concrete Mixer 10 / 7 cft (0.2 / 0.8 cum)capacity	1.00 hour	152.50	1 hour	152.50
	Crew charges	1.00 hour	260.00	1 hour	260.00
	Add MA on crew charges	0.25	260.00		65.00
	<b>C.LABOUR :</b>				
	1st class mason	0.10 Nos.	500.00	1 Each	50.00
	Mazdoor (unskilled)	1.39 Nos.	445.00	1 Each	618.55
	Add for MA @ 25%	0.25	668.55		167.14
					3331.32
	Overheads&Contractors	0.13615	3331.32		453.56

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)
	<b>Rate per 1 cum</b>				3784.88
				<b>Say</b>	<b>3784.88</b>
5	<b>Random Rubble stone masonry</b> in CM (1:8) prop: (Cement: Screened sand) using <b>hard granite stones</b> carted from approved quarry including cost and conveyance of all materials like cement, screened sand, water, stones etc., from approved quarry, to site, sales & other taxes on all materials including labour for cutting stones to required size and shape, mixing, of cement, mortar, construction, curing etc.,and overheads & contractors profit complete for finished item of work in <b>foundation and</b>				
	<b>( BLD-CSTN-6-13 )</b>				
	Unit = 1 cum				
	<b>A.MATERIALS</b>				
	Cement	59.40 Kgs	5500.00	1000 Kgs	326.70
	Rough stone (HBG)	1.10 Cum	422.01	1 Cum	464.21
	Fine aggregate(sand)	0.33 Cum	810.87	1 Cum	267.59
	<b>B) LABOUR</b>				
	1st class mason	1.20 Nos.	500.00	1 Each	600.00
	Mazdoor (unskilled)	2.00 Nos.	445.00	1 Each	890.00
	Add for MA @ 25%	0.25	1490.00		372.50
					2921.00
	Add water charges	0.01	2921.00		29.21
					2950.21
	Overheads&Contractors Profit @13.615%	0.14	2950.21		401.67
	<b>Rate per 1cum</b>				3351.88
				<b>Say</b>	<b>3352</b>
6	RCC M- 20 Nominal mix (Cement:fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and Using wooden centering, including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc.,complete but excluding cost of steel and its fabrication charges for finished item of work,				
	<b>(BLD-CSTN-2-13)</b>				
	<b>FOUNDATIONS , PLINTH , PEDESTALS ( Below Plinth)</b>				
	<b>A.MATERIALS :</b>				
	Cement	400.00 Kgs	5500.00	1000 Kgs	2200.00
	20mm HBG graded metal	0.90 Cum	1166.47	1 Cum	1049.82
	Sand	0.45 Cum	620.87	1 Cum	279.39
	<b>B.LABOUR :</b>				
	1st class Mason	0.133 Nos	500.00	1 Each	66.50
	2nd class Mason	0.267 Nos	470.00	1 Each	125.49
	Mazdoor (both men&women)	3.60 Nos	445.00	1 Each	1602.00
	Add for MA @ 25%	0.25	1793.99		448.50
	<b>C.MACHINERY :</b>				
	Concrete Mixer 300/200 diesel)capacity	1.000 hours	152.50	1 hour	152.50
	Crew charges	1.000 hours	260.00	1 hour	260.00
	Add MA on crew charges	0.25	260.00		65.00
	Cost of Diesel for Mixer	0.133	72.33		9.62
	Cost of Petrol for vibrator	0.667	76.08		50.75
	Water(including for curing)	1.20 kl	98.00	1 kl	117.60
	<b>Rate per 1 cum</b>				<b>6427.17</b>
a	<b>Footings</b>				

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	Rate for Design mix M 20	1.00	Cum	6427.17	1	Cum	6427.17
	Hire charges of centering and scaffolding	1.00	Cum	288.00	1	Cum	288.00
	Labour charges	1.00	Cum	663.00	1	Cum	663.00
	Add for MA @ 25%	0.25		663.00			165.75
							7543.92
	Overheads&Contractors	0.13615		7543.92			1027.10
	<b>Rate per 1 cum</b>						8571.02
						<b>Say</b>	<b>8571.02</b>
	<b>b Column pedestals</b>						
	Rate for Design mix M 20	1.00	Cum	6427.17	1	Cum	6427.17
	Hire charges of centering and scaffolding	1.00	Cum	328.00	1	Cum	328.00
	Labour charges	1.00	Cum	1054.00	1	Cum	1054.00
	Add for MA @ 25%	0.25		1054.00			263.50
							8072.67
	Overheads&Contractors	0.13615		8072.67			1099.09
	<b>Rate per 1 cum</b>						9171.76
						<b>Say</b>	<b>9171.76</b>
	<b>c Tie beam/Plinth Beams</b>						
	Rate for Design mix M20	1.00	Cum	6427.17	1	Cum	6427.17
	Hire charges of centering and scaffolding	1.00	Cum	1390.00	1	Cum	1390.00
	Labour charges	1.00	Cum	1597.00	1	Cum	1597.00
	Add for MA @ 25%	0.25		1597.00			399.25
							9813.42
	Overheads&Contractors	0.13615		9813.42			1336.10
	Profit @13.615%						11149.52
	<b>Rate per 1 cum</b>						11149.52
						<b>Say</b>	<b>11149.52</b>
7	RCC M- 20 Nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and Using wooden centering, including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete but excluding cost of steel and its fabrication charges for finished item of work,						
	<b>(BLD-CSTN-2-13)</b>						
	<b>COLUMNS, LINTELS, WATER TANKS, RCC WALL IN BUILDINGS:</b>						
	<b>A.MATERIALS :</b>						
	Cement	400.00	Kgs	5500.00	1000	Kgs	2200.00
	20mm HBG graded metal	0.90	Cum	1166.47	1	Cum	1049.82
	Sand	0.45	Cum	620.87	1	Cum	279.39
	<b>B.LABOUR :</b>						
	1st class Mason	0.167	Nos	500.00	1	Each	83.50
	2nd class Mason	0.167	Nos	470.00	1	Each	78.49
	Mazdoor (both men&women)	4.70	Nos	445.00	1	Each	2091.50
	Add for MA @ 25%	0.25		2253.49			563.37
	<b>C.MACHINERY :</b>						
	Concrete Mixer 300/200 (diesel) capacity	1.000	hours	152.50	1	hour	152.50
	Crew charges	1.000	hours	260.00	1	hour	260.00
	Add MA on crew charges	0.25		260.00			65.00
	Water(including for curing)	1.20	kl	98.00	1	kl	117.60
	<b>Rate per 1 cum</b>						<b>6941.18</b>
	<b>a) COLUMNS :</b>						



Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)		
	<b>un supported height up to 3.66 m</b>						
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as above	6941.18	6941.18	6941.18	6941.18	6941.18	6941.18
	Hire charges of centering and scaffolding	238.00	238.00	238.00	238.00	238.00	238.00
	Labour charges	1845.00	2029.00	2213.00	2398.00	2582.00	2768.00
	Add for MA @ 25%	461.25	507.25	553.25	599.50	645.50	692.00
	Lift charges of materials(Winch 35HP-Electric)	0.00	344.00	458.55	504.41	550.26	596.12
	Crew charges	0.00	308.90	411.76	452.94	494.12	535.29
	Add for MA @ 25%	0.00	77.23	102.94	113.24	123.53	133.82
	<b>Rate per 1 cum</b>	<b>9485.43</b>	<b>10445.55</b>	<b>10918.69</b>	<b>11247.3</b>	<b>11574.59</b>	<b>11904.41</b>
	Overheads&Contractors	1291.44	1422.16	1486.58	1531.31	1575.88	1620.79
	<b>Rate per 1cum</b>	<b>10776.87</b>	<b>11867.71</b>	<b>12405.27</b>	<b>12778.6</b>	<b>13150.47</b>	<b>13525.20</b>
	<b>Say</b>	<b>10776.87</b>	<b>11867.71</b>	<b>12405.27</b>	<b>12778.57</b>	<b>13150.47</b>	<b>13525.20</b>
b)	<b>LINTELS :</b>						
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as above	6941.18	6941.18	6941.18	6941.18	6941.18	6941.18
	Hire charges of centering and scaffolding	790.00	790.00	790.00	790.00	790.00	790.00
	Labour charges	1314.00	1455.00	1575.00	1706.00	1838.00	1970.00
	Add for MA @ 25%	328.50	363.75	393.75	426.50	459.50	492.50
	Lift charges of materials(Winch 35HP-Electric)	0.00	344.00	458.55	504.41	550.26	596.12
	Crew Charges	0.00	308.90	411.76	452.94	494.12	535.29
	Add for MA @ 25%	0.00	77.23	102.94	113.24	123.53	133.82
	<b>Rate per 1 cum</b>	<b>9373.68</b>	<b>10280.06</b>	<b>10673.18</b>	<b>10934.3</b>	<b>11196.59</b>	<b>11458.91</b>
	Overheads&Contractors	1276.23	1399.63	1453.15	1488.70	1524.42	1560.13
	<b>Rate per 1 cum</b>	<b>10649.91</b>	<b>11679.69</b>	<b>12126.33</b>	<b>12423.0</b>	<b>12721.01</b>	<b>13019.04</b>
	<b>Say</b>	<b>10649.91</b>	<b>11679.69</b>	<b>12126.33</b>	<b>12422.97</b>	<b>12721.01</b>	<b>13019.04</b>
c.	<b>Sun shades of 0.60M width, 75mm th. at fixed end and 50mm th. at free end</b>						
	<b>Rate per Sqm</b>	<b>0.0650</b>	<b>6941.2</b>	<b>451.18</b>			
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as above	451.18	451.18	451.18	451.18	451.18	451.18
	Hire charges of centering and scaffolding	156.00	156.00	156.00	156.00	156.00	156.00
	Labour charges	202.00	222.00	243.00	263.00	282.00	303.00
	Add for MA @ 25%	50.50	55.50	60.75	65.75	70.50	75.75
	Lift charges of materials(Winch 35HP-Electric)	0.00	344.00	458.55	504.41	550.26	596.12
	Crew Charges	0.00	308.90	411.76	452.94	494.12	535.29
	Add for MA @ 25%	0.00	77.23	102.94	113.24	123.53	133.82
	<b>Rate per 1 sqm</b>	<b>859.68</b>	<b>1614.81</b>	<b>1884.18</b>	<b>2006.5</b>	<b>2127.59</b>	<b>2251.16</b>
	Overheads&Contractors	117.04	219.86	256.53	273.19	289.67	306.50
	Profit @13.615%	976.72	1834.67	2140.71	2279.7	2417.26	2557.66
	<b>Rate per 1 sqm</b>	<b>976.72</b>	<b>1834.67</b>	<b>2140.71</b>	<b>2279.70</b>	<b>2417.26</b>	<b>2557.66</b>
	<b>Say</b>	<b>976.72</b>	<b>1834.67</b>	<b>2140.71</b>	<b>2279.70</b>	<b>2417.26</b>	<b>2557.66</b>
c)	<b>WATER TANKS, SUMP, LIFT :</b>						
i)	<b>230mm thick side walls</b>						
	Cost of M20 Nomonal mix	0.23 cum		6941.18	1.00 cum		<b>1596.47</b>

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)		
	<b>Rate for other Floors</b>	<b>GF</b>					
	Rate as above	1596.47					
	Hire charges of centering and scaffolding (PH Item 31 B4)	1012.00					
	Lift charges of materials(Winch 35HP-Electric)	0.00					
	Crew Charges	0.00					
	Add for MA @ 25%	0.00					
	<b>Rate per 10 sqm</b>	<b>2608.47</b>					
	Overheads&Contractors	355.14					
	<b>Rate per 1 sqm</b>	<b>2963.61</b>					
	<b>Say</b>	<b>2963.61</b>					
8	RCC M- 20 Nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to Table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site and Using wooden centering, including Seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete but excluding cost of steel and its fabrication charges for finished item of work,						
	<b>(BLD-CSTN-2-13)</b>						
	<b>RCC SLABS , BEAMS :</b>						
	<b>A.MATERIALS :</b>						
	Cement	400.00 Kgs	5500.00	1000 Kgs	2200.00		
	20mm HBG graded metal	0.90 Cum	1166.47	1 Cum	1049.82		
	Sand	0.45 Cum	620.87	1 Cum	279.39		
	<b>B.LABOUR :</b>						
	1st class Mason	0.067 Nos	500.00	1 Each	33.50		
	2nd class Mason	0.133 Nos	470.00	1 Each	62.51		
	Mazdoor (both men&women)	2.500 Nos	445.00	1 Each	1112.50		
	Add for MA @ 25%	0.25	1208.51		302.13		
	<b>C.MACHINERY :</b>						
	Concrete Mixer 300/200 diesel)capacity	0.267 hours	152.50	1 hour	40.72		
	Crew charges	0.267 hours	260.00	1 hour	69.42		
	Add MA on crew charges	0.25	69.42		17.36		
	Water(including for curing)	1.20 kl	98.00	1 kl	117.60		
	<b>Rate per 1 cum</b>				<b>5284.95</b>		
A)	<b>BEAMS :</b>						
	<b>un supported height up to 3.66 m</b>						
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as above	5284.95	5284.95	5284.95	5284.95	5284.95	5284.95
	Hire charges of centering and scaffolding	1395.00	1395.00	1395.00	1395.00	1395.00	1395.00
	Labour , lift charges for scaffolding	1547.00	1701.00	1856.00	2011.00	2165.00	2321.00
	Add for MA @ 25%	386.75	425.25	464.00	502.75	541.25	580.25
	Lift charges of materials(Winch 35HP-Electric)	0.00	91.85	101.03	110.22	119.40	128.59
	Crew charges	0.00	74.15	90.72	98.97	107.22	115.47
	Add for MA @ 25%	0.00	18.54	22.68	24.74	26.80	28.87
	<b>Rate for 1 cum</b>	<b>8613.70</b>	<b>8990.73</b>	<b>9214.38</b>	<b>9427.63</b>	<b>9639.62</b>	<b>9854.12</b>
	Overheads&Contractors	1172.75	1224.09	1254.54	1283.57	1312.43	1341.64
	<b>Rate per 1 cum</b>	<b>9786.45</b>	<b>10214.82</b>	<b>10468.92</b>	<b>10711.2</b>	<b>10952.05</b>	<b>11195.76</b>
	<b>Say</b>	<b>9786.45</b>	<b>10214.82</b>	<b>10468.92</b>	<b>10711.20</b>	<b>10952.05</b>	<b>11195.76</b>

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
B)	<b>RCC SLABS :</b>						
a)	<b>Roof Slabs 115mm thick : un supported height up to 3.66 m</b>						
	Rate for Design mix M20	0.115	Cum	5284.95	1	Cum	<b>607.77</b>
	<b>Rate for other Floors</b>	<b>GF</b>					
	Rate as above	607.77					
	Hire charges of centering and scaffolding	158.00					
	Labour , lift charges for scaffolding	175.00					
	Add for MA @ 25%	43.75					
	Lift charges of materials(Winch 35HP-Electric)	0.00					
	Crew charges	0.00					
	Add for MA @ 25%	0.00					
	<b>Rate per 1 sqm</b>	<b>984.52</b>					
	Overheads&Contractors Profit @13.615%	134.04					
	<b>Rate per 1 sqm</b>	<b>1118.56</b>					
	<b>Say</b>	<b>1118.56</b>					
a)	<b>Roof Slabs 125mm thick : un supported height up to 3.66 m</b>						
	Rate for Design mix M20	0.125	Cum	5284.95	1	Cum	<b>660.62</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as above	660.62	660.62	660.62	660.62	660.62	660.62
	Hire charges of centering and scaffolding	158.00	158.00	158.00	158.00	158.00	158.00
	Labour , lift charges for scaffolding	175.00	193.00	211.00	228.00	246.00	264.00
	Add for MA @ 25%	43.75	48.25	52.75	57.00	61.50	66.00
	Lift charges of materials(Winch 35HP-Electric)	0.00	11.48	12.63	13.78	14.93	16.07
	Crew charges	0.00	10.31	11.34	12.37	13.40	14.43
	Add for MA @ 25%	0.00	2.58	2.84	3.09	3.35	3.61
	<b>Rate per 1 sqm</b>	<b>1037.37</b>	<b>1084.24</b>	<b>1109.17</b>	<b>1132.86</b>	<b>1157.80</b>	<b>1182.73</b>
	Overheads&Contractors Profit @13.615%	141.24	147.62	151.01	154.24	157.63	161.03
	<b>Rate per 1 sqm</b>	<b>1178.61</b>	<b>1231.86</b>	<b>1260.18</b>	<b>1287.10</b>	<b>1315.43</b>	<b>1343.76</b>
	<b>Say</b>	<b>1178.61</b>	<b>1231.86</b>	<b>1260.18</b>	<b>1287.10</b>	<b>1315.43</b>	<b>1343.76</b>
b)	<b>Roof Slabs 150mm thick : un supported height up to 3.66 m</b>						
	Rate for Design mix M20	0.150	Cum	5284.95	1	Cum	<b>792.74</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as above	792.74	792.74	792.74	792.74	792.74	792.74
	Hire charges of centering and scaffolding	158.00	158.00	158.00	158.00	158.00	158.00
	Labour , lift charges for scaffolding	175.00	193.00	211.00	228.00	246.00	264.00
	Add for MA @ 25%	43.75	48.25	52.75	57.00	61.50	66.00
	Lift charges of materials(Winch 35HP-Electric)	0.00	13.78	15.15	16.53	17.91	19.29

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	Crew charges	0.00	12.37	13.61	14.85	16.08	17.32
	Add for MA @ 25%	0.00	3.09	3.40	3.71	4.02	4.33
	<b>Rate per 1 sqm</b>	<b>1169.49</b>	<b>1221.23</b>	<b>1246.66</b>	<b>1270.83</b>	<b>1296.26</b>	<b>1321.68</b>
	Overheads&Contractors Profit @13.615%	159.23	166.27	169.73	173.02	176.49	179.95
	<b>Rate per 1 sqm</b>	<b>1328.72</b>	<b>1387.50</b>	<b>1416.39</b>	<b>1443.85</b>	<b>1472.75</b>	<b>1501.63</b>
	<b>Say</b>	<b>1328.72</b>	<b>1387.50</b>	<b>1416.39</b>	<b>1443.85</b>	<b>1472.75</b>	<b>1501.63</b>
c)	<b>Roof Slabs 175mm thick : un supported height up to 3.66 m</b>						
	Rate for Design mix M25	0.175	Cum	5284.95	1	Cum	<b>924.87</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as above	924.87	924.87	924.87	924.87	924.87	924.87
	Hire charges of centering and scaffolding	163.00	163.00	163.00	163.00	163.00	163.00
	Labour , lift charges for scaffolding	181.00	198.00	217.00	235.00	254.00	271.00
	Add for MA @ 25%	45.25	49.50	54.25	58.75	63.50	67.75
	Lift charges of materials(Winch 35HP-Electric)	0.00	16.07	17.68	19.29	20.90	22.50
	Crew charges	0.00	14.43	15.88	17.32	18.76	20.21
	Add for MA @ 25%	0.00	3.61	3.97	4.33	4.69	5.05
	<b>Rate per 1 sqm</b>	<b>1314.12</b>	<b>1369.48</b>	<b>1396.64</b>	<b>1422.55</b>	<b>1449.72</b>	<b>1474.38</b>
	Overheads&Contractors Profit @13.615%	178.92	186.45	190.15	193.68	197.38	200.74
	<b>Rate per 1 sqm</b>	<b>1493.04</b>	<b>1555.93</b>	<b>1586.79</b>	<b>1616.23</b>	<b>1647.10</b>	<b>1675.12</b>
	<b>Say</b>	<b>1493.04</b>	<b>1555.93</b>	<b>1586.79</b>	<b>1616.23</b>	<b>1647.10</b>	<b>1675.12</b>
9	<b>Masonry work in CM(1:6) prop (Cement : Screened sand) in superstructure with fly ash cement / of size 290mm x 225mm x 140mm for manufacturing fly ash solid blocks using fly ash of 80kgs, cement of 50 kgs, Gypsum of 5 kgs and stone dust from approved source having minimum crushing strength of 50 Kg/Sqcm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, including sales &amp; other taxes except GST on all materials and labour charges, like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing, overheads and contractor profit etc., complete all taxes except GST for finished item of work. (APSS No. 501 &amp; 504).</b>						
	<b>(BLD-CSTN-5-17)</b>						
	Unit : 1cum						
	<b>A.MATERIALS :</b>						
	No of blocks required for 1 Cum of Masonry	110	Nos	20424.03	1000	Nos	2246.64
	Cement Mortar (1:6)	0.10	cu.m.	2282.67	1	cu.m.	228.27
	<b>B.LABOUR :</b>						
	Mason 1st class	0.42	Nos.	500.00	1	Each	210.00
	Mason 2nd class	0.92	Nos.	470.00	1	Each	432.40
	Man Mazdoor	0.70	Nos.	445.00	1	Each	311.50
	Woman Mazdoor	2.10	Nos.	445.00	1	Each	934.50
	Add for MA @ 25%	0.25		1888.40			472.10
	<b>Rate per 1 cum</b>						<b>4835.41</b>
b)	<b>Superstructure :</b>						
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	4835.41	4835.41	4835.41	4835.41	4835.41	4835.41
	Hire charges for Access Scaffolding	45.87	45.87	45.87	45.87	45.87	45.87
	Labour charges for scaffolding	370.80	530.98	691.07	851.24	1011.38	1171.47
	Add for MA @ 25%	92.70	132.75	172.77	212.81	252.85	292.87

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)		
	Lift charges ( Page 131 of Std. Data )	0.00	188.84	377.68	566.52	755.36	944.20
	Add for MA @ 25%	0.00	47.21	94.42	141.63	188.84	236.05
	<b>Rate per 1 cum</b>	5344.78	5781.05	6217.21	6653.48	7089.70	7525.86
	Overheads&Contractors Profit @13.615%						
		727.69	787.09	846.47	905.87	965.26	1024.65
	<b>Rate per 1 cum</b>	6072.47	6568.14	7063.68	7559.35	8054.96	8550.51
	<b>Say</b>	<b>6072.47</b>	<b>6568.14</b>	<b>7063.68</b>	<b>7559.35</b>	<b>8054.96</b>	<b>8550.51</b>
10	<b>Reinforced Masonry for partition walls (100 mm thick) in CM (1:4) prop. (Cement : Screened sand) using fly ash cement / lime solid blocks of size 290mm x 100mm x 140mm having minimum compressive strength of 50 Kg/Sq.cm and placing 2 Nos. of 6mm M.S plain rods in every third layer with free ends of the reinforcement pegged into mortar joints of main brick walls where applicable including cost and conveyance of all materials like cement, steel, sand, bricks, water etc., to site, including sales &amp; other taxes on all materials, all operational, incidental charges such as labour charges for mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing, etc., and overheads &amp; contractors profit but excluding cost of steel and its fabrication charges all taxes except GST complete for finished item of work. (APSS No. of 500)</b>						
	<b>(BLD-CSTN-5-12)</b>						
	Unit - 10sqm						
	<b>A.MATERIALS :</b>						
	Flyash lime solid blocks	247 Nos.		11180.92	1000 Nos.		2761.69
	Cement Mortar (1:4)	0.10 cu.m.		2942.67	1 cu.m.		294.27
	<b>B.LABOUR :</b>						
	1st class mason	0.60 Nos.		500.00	1 Each		300.00
	2nd class mason	0.60 Nos.		470.00	1 Each		282.00
	Mazdoor (Unskilled)	2.75 Nos.		445.00	1 Each		1223.75
	Add for MA @ 25%	0.25		1805.75			451.44
	<b>Rate per 10 sqm</b>						<b>5313.14</b>
	<b>Rate per 1 sqm</b>						<b>531.31</b>
	<b>Internal walls :</b>						
	<b>Rate for other Floors</b>						
		<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	531.31	531.31	531.31	531.31	531.31	531.31
	Hire charges for Access Scaffolding	10.32	10.32	10.32	10.32	10.32	10.32
	Labour charges for scaffolding	83.43	119.47	155.49	191.53	227.56	263.58
	Add for MA @ 25%	20.86	29.87	38.87	47.88	56.89	65.90
	Lift charges ( Page 131 of Std. Data )	0.00	18.06	36.12	54.17	72.23	90.29
	Add for MA @ 25%	0.00	4.52	9.03	13.54	18.06	22.57
	<b>Rate per 1 sqm</b>	<b>645.92</b>	<b>713.54</b>	<b>781.14</b>	<b>848.76</b>	<b>916.37</b>	<b>983.97</b>
	Overheads&Contractors Profit @13.615%						
		87.94	97.15	106.35	115.56	124.76	133.97
	<b>Rate per 1 sqm</b>	733.86	810.69	887.49	964.32	1041.13	1117.94
	<b>Say</b>	<b>733.86</b>	<b>810.69</b>	<b>887.49</b>	<b>964.32</b>	<b>1041.13</b>	<b>1117.94</b>
11	<b>Plain Cement Concrete (1:3:6) nominal mix using 20mm size graded machine crushed hard granite metal (coarse aggregate - as per IS 383 - 1970 and IS 2386 Part 1 to Part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, including seignorge charges,sales &amp; other taxes on all materials and including all charges for mixing, laying concrete in position, curing etc., &amp; lift charges , and overheads &amp; contractors profit all taxes except GST for Bed Blocks &amp; Hold Fasts for finished item of work. (APSS No. 402)</b>						
	<b>(BLD-CSTN-3-10 &amp; 11)</b>						
	Unit : 1cum						
	<b>A.MATERIALS :</b>						

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	HBG 20mm size metal	0.90	Cum	1166.47	1	Cum	1049.82
	Sand	0.45	Cum	620.87	1	Cum	279.39
	Cement	220.00	Kgs	5500.00	1	MT	1210.00
	Water ( including for curing )	1.20	Kl	98.00	1	Kl	117.60
	<b>B.MACHINERY :</b>						
	Concrete Mixer 10 / 7 cft (0.2 / 0.8 cum)capacity	1.00	hour	152.50	1	hour	152.50
	Crew Charges	1.00	hour	260.00	1	hour	260.00
	Add MA on crew charges	0.25		260.00			65.00
	<b>C.LABOUR :</b>						
	1st class mason	0.10	Nos.	500.00	1	Each	50.00
	Mazdoor (Unskilled)	1.39	Nos.	445.00	1	Each	618.55
	Add for MA @ 25%	0.25		668.55			167.14
	<b>Rate per 1 cum</b>						<b>3970.00</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	3970.00	3970.00	3970.00	3970.00	3970.00	3970.00
	Hire charges of centering and scaffolding	64.00	64.00	64.00	64.00	64.00	64.00
	Lift charges for scaffolding	341.00	375.10	409.20	443.30	477.40	511.50
	Add for MA @ 25%	85.25	93.78	102.30	110.83	119.35	127.88
	Lift charges ( Page 131 of Std. Data )	0.00	66.86	133.71	200.57	267.42	334.28
	Add for MA @ 25%	0.00	16.72	33.43	50.14	66.86	83.57
	<b>Rate per 1 cum</b>	<b>4460.25</b>	<b>4586.45</b>	<b>4712.64</b>	<b>4838.84</b>	<b>4965.03</b>	<b>5091.23</b>
	Overheads&Contractors	607.26	624.45	641.63	658.81	675.99	693.17
	<b>Rate per 1 cum</b>	<b>5067.51</b>	<b>5210.90</b>	<b>5354.27</b>	<b>5497.65</b>	<b>5641.02</b>	<b>5784.40</b>
	<b>say</b>	<b>5067.51</b>	<b>5210.90</b>	<b>5354.27</b>	<b>5497.65</b>	<b>5641.02</b>	<b>5784.40</b>
12	Supplying fitting and placing <b>Thermo Mechanically Treated (TMT) (Fe 500</b> grade as per IS 1786-1979) using <b>primary producers like TATA, SAIL, VSP, Jindal, Shyam Steel etc., of bar reinforcements below 36mm dia.s for RCC works</b> , including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. ,and overheads & contractors profit complete all taxes except GST for finished item of work.( APSS No.126)						
	<b>(BLD-CSTN-4.2)&amp; Amendment in SoR 2011-12 page No. 392</b>						
	<b>Unit - 1 MT</b>						
a)	<b>Material</b>						
	TMT bars including 5% for overlaps and wastage	1.05	MT	41500.00	1	MT	43575.00
	Binding wire	6.00	Kgs	64.00	1	Kgs	384.00
b)	<b>Labour</b> for cutting , bending , shifting to site , tying and placing in position						
	1st class Blacksmith / Barbender	2.00	Nos.	590.00	1	Each	1180.00
	2nd class Blacksmith / Barbender	6.00	Nos.	495.00	1	Each	2970.00
	Mazdoor(Unskilled)	10.00	Nos.	445.00	1	Each	4450.00
	Add for MA @ 25%	0.25		8600.00			2150.00
							<b>54709.00</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	Rate as worked out above	54709.00	54709.00	54709.00	54709.00	54709.00	54709.00
	Lift charges ( Page 131 of Std. Data )	0.00	860.00	1720.00	2580.00	3440.00	4300.00
	Add for MA @ 25%	0.00	215.00	430.00	645.00	860.00	1075.00
	<b>Rate per MT</b>	54709.00	55784.00	56859.00	57934.00	59009.00	60084.00
	Overheads&Contractors Profit @13.615%	7448.63	7594.99	7741.35	7887.71	8034.08	8180.44
	<b>Rate per 1 MT</b>	62157.63	63378.99	64600.35	65821.71	67043.08	68264.44
	<b>Say</b>	<b>62157.63</b>	<b>63378.99</b>	<b>64600.35</b>	<b>65821.71</b>	<b>67043.08</b>	<b>68264.44</b>
13	<b>Plastering 12mm thick in two coats</b> using screened sand with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including seignorge charges,sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves as directed by Engineer - in - charge etc., and overheads & contractors profit complete all taxes except GST for finished item of work. (SS 901,903 & 904)						
	<b>( BLD-CSTN-8-10)</b>						
	Unit : 10 sqm						
	<b>A.MATERIALS :</b>						
	Base coat in CM(1:6) , 8mm thick						
	Cement	26.40	Kgs	5500.00	1000	Kgs	145.20
	Fine aggregate (Sand)	0.11	Cum	810.87	1	Cum	89.20
	Top coat in CM(1:4) , 4mm thick						
	Cement	14.40	Kgs	5500.00	1000	Kgs	79.20
	Fine aggregate (Sand)	0.04	Cum	810.87	1	Cum	32.43
	<b>B.LABOUR :</b>						
	1st Class Mason	0.63	Nos.	500.00	1	Each	315.00
	2nd Class Mason	1.47	Nos.	470.00	1	Each	690.90
	Mazdoor (Unskilled)	3.90	Nos.	445.00	1	Each	1735.50
	Add for MA @ 25%	0.25		2741.40			685.35
	<b>Rate per 10 Sqm</b>						3772.78
	<b>Rate per 1 Sqm</b>						<b>377.28</b>
	<b>Walls in superstructure :</b>						
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	377.28	377.28	377.28	377.28	377.28	377.28
	Hire charges for Access Scaffolding	1.03	1.03	1.03	1.03	1.03	1.03
	Labour charges for scaffolding	8.35	11.95	15.54	19.15	22.75	26.37
	Add for MA @ 25%	2.09	2.99	3.89	4.79	5.69	6.59
	Lift charges ( Page 131 of Std. Data )	0.00	27.41	54.83	82.24	109.66	137.07
	Add for MA @ 25%	0.00	6.85	13.71	20.56	27.42	34.27
	<b>Rate per 1 Sqm</b>	388.75	427.51	466.28	505.05	543.83	582.61
	Overheads&Contractors Profit @13.615%	52.93	58.21	63.48	68.76	74.04	79.32
		441.68	485.72	529.76	573.81	617.87	661.93
	<b>Say</b>	<b>441.68</b>	<b>485.72</b>	<b>529.76</b>	<b>573.81</b>	<b>617.87</b>	<b>661.93</b>

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)		
14	<b>Flooring with non-skid full body ceramic floor tiles of size 300mm x 300mm and thickness between 7 - 8mm 1st quality conforming to IS: 13711, IS: 13712, IS: 13630(Part 1 to 15) of any colour and finish in all shades and designs as approved by Engineer-in-charge, set over base coat of cement mortar (1:8), 12mm thick using screened sand over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3 Kgs per Sqm &amp; jointed neatly with white cement paste to full depth mixed with pigment of matching shade, including cost of all materials like cement, screened sand , water and tiles, seignorage charges etc., and overheads &amp; contractors profit complete all taxes except GST for finished item of work.( In toilets) (APSS No.701 &amp; 707)</b>						
	<b>(BLD-CSTN-9-6)</b>						
	Unit = 10 sqm.						
	<b>A. MATERIALS:</b>						
	Ceramic tiles between 7-8 mm thick	10.50 Sqm	300.00	1 Sqm	3150.00		
	Cement for CM(1:8) proportion for base coat	21.60 Kgs	5500.00	1000 Kgs	118.80		
	Cement for slurry	33.00 Kgs	5500.00	1000 Kgs	181.50		
	White Cement	2.00 Kgs	29.00	1 Kg	58.00		
	Sand for CM(1:8)	0.12 Cum	810.87	1 Cum	97.30		
	<b>B .LABOUR</b>						
	Mason 1st class	0.96 Nos	500.00	1 Each	480.00		
	Mason 2nd class	2.24 Nos	470.00	1 Each	1052.80		
	Mazdoor(un skilled)	3.30 Nos	445.00	1 Each	1468.50		
	Add for MA @ 25%	0.25	3001.30		750.33		
	Add water charges 1%	0.01	3001.30		30.01		
	<b>Rate for 10sqm</b>				<b>7387.24</b>		
	<b>Rate for other Floors</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>	<b>6 F</b>
	Rate as worked out above	7387.24	7387.24	7387.24	7387.24	7387.24	7387.24
	Lift charges ( Page 131 of Std. Data )	0.00	300.13	600.26	900.39	1200.52	1500.65
	Add for MA @ 25%	0.00	75.03	150.07	225.10	300.13	375.16
		7387.24	7762.41	8137.57	8512.73	8887.89	9263.06
	Overheads&Contractors Profit @13.615%	1005.77	1056.85	1107.93	1159.01	1210.09	1261.16
	<b>Rate per 10 Sqm</b>	<b>8393.01</b>	<b>8819.26</b>	<b>9245.50</b>	<b>9671.74</b>	<b>10097.98</b>	<b>10524.22</b>
	Rate per 1 Sqm	839.30	881.93	924.55	967.17	1009.80	1052.42
	<b>Say</b>	<b>839.30</b>	<b>881.93</b>	<b>924.55</b>	<b>967.17</b>	<b>1009.80</b>	<b>1052.42</b>
15	<b>Flooring with 16 to 18 mm thick Locally available Granite stone slabs black colour as approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour &amp; lift charges, half rounding the edge , polishing charges and all other taxes on all materials, cost of base coat and overheads &amp; contractors profit complete all taxes except GST for finished item of work for platforms (S. S. 701 &amp; special) for Platform</b>						
	<b>(BLD-CSTN-9-7)</b>						
	Unit = 10 sqm.						
	<b>A. MATERIALS:</b>						
	Locally available granite slabs black 16 to 18mm thick	10.50 Sqm	861.14	1 Sqm	9041.98		
	Cement for CM(1:8) for base coat	36.00 Kgs	5500.00	1000 Kgs	198.00		
	Cement for slurry	33.00 Kgs	5500.00	1000 Kgs	181.50		
	White cement for jointing	6.00 Kgs	29.00	1 Kg	174.00		
	Sand for CM(1:8)	0.20 Cum	810.87	1 Cum	162.17		
	<b>B .LABOUR</b>						
	Mason 1st class	3.00 Nos	500.00	1 Each	1500.00		



Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	Mason 2nd class	1.00	Nos	470.00	1	Each	470.00
	Mazdoor(un skilled)	8.00	Nos	445.00	1	Each	3560.00
	Add for MA @ 25%	0.25		5530.00			1382.50
	Machine cutting charges	16.67	RM	19.00	1	RM	316.73
	Half rounding the edges	16.67	RM	370.00	1	RM	6167.90
	Add for MA @ 25%	0.25		2593.85			648.46
	Add water charges 1%	0.01		5530.00			55.30
	<b>Rate for 10 sqm</b>						<b>23858.55</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	23858.55	23858.55	23858.55	23858.55	23858.55	23858.55
	Lift charges ( Page 131 of Std. Data )	0.00	553.00	1106.00	1659.00	2212.00	2765.00
	Add for MA @ 25%	0.00	138.25	276.50	414.75	553.00	691.25
		23858.55	24549.80	25241.05	25932.30	26623.55	27314.80
	Overheads&Contractors Profit @13.615%	3248.34	3342.46	3436.57	3530.68	3624.80	3718.91
	<b>Rate per 10 Sqm</b>	<b>27106.89</b>	<b>27892.26</b>	<b>28677.62</b>	<b>29462.98</b>	<b>30248.35</b>	<b>31033.71</b>
	<b>Rate per 1 Sqm</b>	<b>2710.69</b>	<b>2789.23</b>	<b>2867.76</b>	<b>2946.30</b>	<b>3024.83</b>	<b>3103.37</b>
	<b>Say</b>	<b>2710.69</b>	<b>2789.23</b>	<b>2867.76</b>	<b>2946.30</b>	<b>3024.83</b>	<b>3103.37</b>
16	<b>Providing 16 to 18mm thick Locally available granite stone slabs other than black and regular colours</b> (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:5) , 12mm thick using screened sand over CC bed already laid or RCC roof slab including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, half rounding the edges of treads , polishing charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete, all						
a)	<b>Treads of 0.30m wide : (BLD-CSTN-9-7)</b>						
	Unit = 10 sqm.						
	<b>A. MATERIALS:</b>						
	High polished granite slabs other than black 16 to 18mm thick	10.50	Sqm	861.14	1	Sqm	9041.98
	Cement for CM(1:5) for base coat	34.56	Kgs	5500.00	1000	Kgs	190.08
	Cement for slurry	33.00	Kgs	5500.00	1000	Kgs	181.50
	White cement for jointing	6.00	Kgs	29.00	1	Kg	174.00
	Sand for CM(1:5)	0.12	Cum	810.87	1	Cum	97.30
	<b>B .LABOUR</b>						
	Mason 1st class	3.00	Nos	500.00	1	Each	1500.00
	Mason 2nd class	1.00	Nos	470.00	1	Each	470.00
	Mazdoor(un skilled)	8.00	Nos	445.00	1	Each	3560.00
	Add for MA @ 25%	0.25		5530.00			1382.50
	Machine cutting charges	33.33	RM	19.00	1	RM	633.27
	Half rounding the edges	33.33	RM	370.00	1	RM	12332.10
	Add for MA @ 25%	0.25		5186.15			1296.54
	Add water charges 1%	0.01		5530.00			55.30
	<b>Rate for 10sqm</b>						<b>30914.57</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	30914.57	30914.57	30914.57	30914.57	30914.57	30914.57
	Lift charges ( Page 131 of Std. Data )	0.00	553.00	1106.00	1659.00	2212.00	2765.00
	Add for MA @ 25%	0.00	138.25	276.50	414.75	553.00	691.25
		30914.57	31605.82	32297.07	32988.32	33679.57	34370.82
	Overheads&Contractors	4209.02	4303.13	4397.25	4491.36	4585.47	4679.59
	<b>Rate per 10 Sqm</b>	<b>35123.59</b>	<b>35908.95</b>	<b>36694.32</b>	<b>37479.68</b>	<b>38265.04</b>	<b>39050.41</b>

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	<b>Rate per 1 Sqm</b>	<b>3512.36</b>	<b>3590.90</b>	<b>3669.43</b>	<b>3747.97</b>	<b>3826.50</b>	<b>3905.04</b>
	<b>Say</b>	<b>3512.36</b>	<b>3590.90</b>	<b>3669.43</b>	<b>3747.97</b>	<b>3826.50</b>	<b>3905.04</b>
b)	<b>Risers of 0.15m height : (BLD-CSTN-9-19)</b>						
	Unit = 10 sqm						
	<b>A.MATERIALS :</b>						
	Cost of high polished granite	10.50 sqm		2709.00	1 sqm		28444.50
	Sand for CM(1:5) base coat	0.12 cum		810.87	1 cum		97.30
	Cement for CM(1:5) base coat	34.56 Kgs		5500.00	1000 Kgs		190.08
	Cement for slurry	33.00 Kgs		5500.00	1000 Kgs		181.50
	White cement for jointing & pointing	5.00 Kgs		29.00	1 Kg		145.00
	Machine cutting charges	66.67 RM		19.00	1 RM		1266.73
	Add for MA @ 25%	0.25		506.69			126.67
	<b>B.LABOUR</b>						
	Mason 1st class	2.10 Nos.		500.00	1 Each		1050.00
	Man Mazdoor(Beldar)	4.90 Nos.		445.00	1 Each		2180.50
	Add for MA @ 25%	0.25		3230.50			807.63
	Add water charges 1%	0.01		3230.50			32.31
	<b>Rate for 10 sqm</b>						<b>34522.22</b>
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	34522.22	6069.10	6069.10	6069.10	6069.10	6069.10
	Lift charges ( Page 131 of Std. Data )	0.00	323.05	646.10	969.15	1292.20	1615.25
	Add for MA @ 25%	0.00	80.76	161.53	242.29	323.05	403.81
		34522.22	6472.92	6876.73	7280.54	7684.35	8088.17
	Overheads&Contractors Profit @13.615%	4700.20	881.29	936.27	991.25	1046.22	1101.20
	<b>Rate per 10 Sqm</b>	<b>39222.42</b>	<b>7354.21</b>	<b>7813.00</b>	<b>8271.79</b>	<b>8730.57</b>	<b>9189.37</b>
	<b>Rate per 1 Sqm</b>	<b>3922.24</b>	<b>735.42</b>	<b>781.30</b>	<b>827.18</b>	<b>873.06</b>	<b>918.94</b>
	<b>Say</b>	<b>3922.24</b>	<b>735.42</b>	<b>781.30</b>	<b>827.18</b>	<b>873.06</b>	<b>918.94</b>
17	<b>Providing dadoing to walls with 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 with borders as approved by Engineer-in-Charge set over base coat of CM(1:5) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete overheads &amp; contractors profit, all taxes except GST complete for finished item of work.</b>						
	<b>(BLD-CSTN-9-18)</b>						
	Unit = 10 sqm						
	<b>A.MATERIALS :</b>						
	cost of glazed full body	10.50 sqm		550.00	1 sqm		5775.00
	Sand for CM(1:5) base coat	0.15 cum		810.87	1 cum		121.63
	Cement for CM(1:5) base	43.20 Kgs		5500.00	1000 Kgs		237.60
	Cement for slurry	33.00 Kgs		5500.00	1000 Kgs		181.50
	White cement for jointing &	5.00 Kgs		29.00	1 Kg		145.00
	<b>B.LABOUR</b>						
	Mason 1st class	0.77 Nos.		500.00	1 Each		385.00
	Mazdoor(unskilled)	0.80 Nos.		445.00	1 Each		356.00
	Add for MA @ 25%	0.25		741.00			185.25
	Add water charges 1%	0.01		926.25			9.26
	<b>Rate for 10 sqm</b>						<b>7396.24</b>

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)		
	<b>Rate for other Floors</b>	<b>GF</b>	<b>FF</b>	<b>SF</b>	<b>TF</b>	<b>4 F</b>	<b>5 F</b>
	Rate as worked out above	7396.24	7396.24	7396.24	7396.24	7396.24	7396.24
	Lift charges ( Page 131 of	0.00	74.10	148.20	222.30	296.40	370.50
	Add for MA @ 25%	0.00	18.53	37.05	55.58	74.10	92.63
		7396.24	7488.87	7581.49	7674.12	7766.74	7859.37
	Overheads&Contractors Profit @13.615%	1007.00	1019.61	1032.22	1044.83	1057.44	1070.05
	<b>Rate per 10 Sqm</b>	<b>8403.24</b>	<b>8508.48</b>	<b>8613.71</b>	<b>8718.95</b>	<b>8824.18</b>	<b>8929.42</b>
	<b>Rate per 1 Sqm</b>	<b>840.32</b>	<b>850.85</b>	<b>861.37</b>	<b>871.89</b>	<b>882.42</b>	<b>892.94</b>
	<b>Say</b>	<b>840.32</b>	<b>850.85</b>	<b>861.37</b>	<b>871.89</b>	<b>882.42</b>	<b>893.00</b>
18	<b>Supplying and fixing of stainless steel ( grade 304 ) hand railing of 0.90as per approved drawing with top rail of 50mm dia pipe and 2mm thick medium class and vertical posts of 25mm dia and 1.6mm thick medium class 2 Nos for each step fixed with base plate of 75mm dia using bonding agent and anchor fastner and welding, drilling of 20mm dia holes with pneumatic compressor for fixing railing, buffing, polishing all members of the railing thouroughly , lacquer finishing to present seamless finish including cost and conveyance of all materials, electrodes, welding charges, cost of all consumables, labour charges , overheads &amp; contractors profit,all taxes except GST for finished item of work.</b>						
	<b>For a flight length of 3.90 M.</b>	<b>3.90 RM</b>					
	Cost of 50mm dia SS pipe	3.90 RM					
	Cost of 25mm dia SS pipe	19.80 RM					
	50.00mm pipe (3.90 x 2.39 Kgs/RM)	9.32 Kgs					
	25mm pipe (19.80x 0.89 Kgs/RM)	17.62 Kgs					
	Cost of stainless steel pipes	26.94 Kgs	387.00	1 Kg	10425.78		
	Labour charges for fabrication	26.94 Kgs	153.00	1 Kg	4121.82		
	Drilling of 20mm dia hole(11 x 0.10)	1.10 RM	133.00	1 RM	146.30		
	Base Plate 75mm dia.	11 Nos.	80.00	1 Each	880.00		
	Add for anchor bars	11 Nos.	30.00	1 No	330.00		
	Add for bonding	11 Nos.	15.00	1 No	165.00		
					<b>16068.90</b>		
	Rate per 1 RM				<b>4120.23</b>		
	<b>Rate per 1 Sqm</b>				<b>4578.03</b>		
	Overheads&Contractors Profit @13.615%	0.13615	4578.03		623.30		
					<b>5201.33</b>		
19	<b>Supply &amp; application of one coat water based cement primer of interior grade I and two coats of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/litre for internal walls including cost and conveyance of all materials to site, sales &amp; other taxes, incidental, operational and all labour charges etc., and overheads &amp; contractors profit complete,all taxes except</b>						
	<b>(BLD-CSTN-12-2&amp; Amendment in SoR</b>						
	<b>Unit 10 Sqm.</b>						
	<b>A. Materials:-</b>						
	Cost of cement primer interior grade I	1.00 Kg	150.00	1 Kg	150.00		
	Painter 1st class	0.21 Nos.	570.00	1 Each	119.70		
	Painter 2nd class	0.49 Nos.	470.00	1 Each	230.30		
	Acrylic emulsion paint	0.80 Ltrs	195.00	1 Ltrs	156.00		
	Painter 1st class	0.36 Nos.	570.00	1 Each	205.20		
	Painter 2nd class	0.84 Nos.	470.00	1 Each	394.80		
	Add for MA @ 25%	0.25	950.00		237.50		

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)
	Sundries including brushes , ladders etc., @ 1%	0.01	1493.50		14.94
					<b>1508.44</b>
	Overheads&Contractors Profit @13.615%	0.13615	1508.44		205.37
	<b>Rate per 10 sqm</b>				1713.81
	<b>Rate per 1 sqm</b>				171.38
				<b>Say</b>	<b>171.38</b>
20	<b>Supply &amp; application of one coat water based cement primer of exterior grade II and two coats of acrylic emulsion paint exterior grade with silicon additives having VOC (Volatile Organic Compound) content less than 50 grams/ liter for exterior walls including cost and conveyance of all materials to site, sales &amp; other taxes, incidental, operational and all labour charges etc., and overheads (BLD-CSTN-12-2&amp; Amendment in SoR)</b>				
	<b>Unit 10 Sqm.</b>				
	<b>A. Materials:-</b>				
	Cost of cement primer exterior grade II	1.00 Kg	191.00	1 Kg	191.00
	Painter 1st class	0.21 Nos.	570.00	1 Each	119.70
	Painter 2nd class	0.49 Nos.	470.00	1 Each	230.30
	Acrylic emulsion paint	0.80 Ltrs	204.00	1 Ltrs	163.20
	Painter 1st class	0.21 Nos.	570.00	1 Each	119.70
	Painter 2nd class	0.49 Nos.	470.00	1 Each	230.30
	Mazdoor	1.50 Nos.	445.00	1 Each	667.50
	Add for MA @ 25%	0.25	1367.50		341.88
	Sundries including brushes , ladders etc., @ 1%	0.01	2063.58		20.64
	Hire charges for Access Scaffolding	10 sqm	1.03	1 sqm	10.30
	Labour charges for scaffolding	10 sqm	8.35	1 sqm	83.50
	Add for MA @ 25%	0.25	83.50		20.88
					<b>2198.89</b>
	Overheads&Contractors Profit @13.615%	0.13615	2198.89		299.38
	<b>Rate per 10 sqm</b>				2498.26
	<b>Rate per 1 sqm</b>				249.83
				<b>Say</b>	<b>249.83</b>
30	<b>Supplying and fixing 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 fixed with G.I 'J' bolts &amp; nuts 8 mm dia with bitumen &amp; G.I limpet washers filled with white lead &amp; including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (up to a pitch of 600) etc., complete, excluding the cost of purlins, rafters, trusses including cost and conveyance of all materials , labour charges , overheads and contractors profit etc., complete for finished item of work in all floors.</b>				
	Unit : 10 sqm				
	<b>A) Material requirement</b>				
	Galvalume sheet 0.50mm thick	10.50 sqm	387.00	1 sqm	4063.50
	G.I scam bolts & nuts 2 x 27 (laps) x 17 = 884	47.91 Nos.	6.00	1 No.	287.46
	G.I 'J' bolts 8 mm dia 2 x 5 x 27 sheets x 3 nos = 810 nos. with washers or srews, if wooden battens used.	43.90 Nos.	10.00	1 No.	439.00
	Limpet washers (for scam & 'J' bolts) 884 + 810 = 1694	91.82 Nos.	2.00	1 No.	183.64

Sl. No.	Description	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)
	Bitumen washers	91.82 Nos.	2.00	1 No.	183.64
	<b>B. LABOUR</b>				
	For roofing				
	Carpenter II class	0.84 Nos.	470.00	1 No.	394.80
	Man mazdoor (beldar)	0.91 Nos.	445.00	1 No.	404.95
	Add for MA @ 25%	0.25	799.75		199.94
	<b>Rate per 10 sqm</b>				<b>6156.93</b>
	<b>Rate per 1 sqm</b>				<b>615.69</b>
	Overheads&Contractors Profit @13.615%	0.14	615.69		83.83
	<b>Rate per 1 sqm</b>				699.52
				<b>Say</b>	<b>700</b>
31	<b>Supplying and fixing Gyp Board Suspended regular single layer false ceiling (GS-MFSC-4.1)</b> using 12.5 mm thick Gyp Board conforming to IS 2095 - 1993 fixing to Gyp steel GI perimeter channels of size 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using Intermediate channels (45 mm x 15mm x 15mm x 0.9 mm) from soffit at 1220 mm c/c with ceiling angle (25 mm x 10 mm x 0.55 mm) fixed with GI Cleat and steel expansion fasteners & connecting clip to the ceiling channels (with knurled web of 51.5 mm x 26 mm x 10.5 mm x 0.55 mm) fixed in direction perpendicular to the intermediate channel at 457 mm c/c and fixing the 12.5 mm tapered edge Gypboard with 25 mm drywall screws at 230 mm c/c & jointing and finishing using joint compound and paper tape to have a flush look including filling the tapered & square edges with jointing compound, two coats of drywall topcoat including overheads and contractor profit,all taxes except GST etc., complete for finished item				
	<b>(BLD-CSTN-10-31 &amp; vide Page No. 389 of SoR 2011-</b>				
	Unit 1 Sqm				
	A) Material requirement as per India Gypsum				
	12.5mm Gypboard				
	1219mm x 1829mm size Boards				
	1.03 sqm		225.00	1 sqm	231.75
	GI Ceiling Angle - 25mm x 10mm x 0.5mm	0.64 RM	67.00	1 RM	42.88
	GI Ceiling section - 51.5mm x 26mm x 10.5mm x 0.55mm thick	0.84 RM	78.00	1 RM	65.52
	Intermediate channel - 45mm x 15mm x 15mm x 0.9mm	0.84 RM	77.00	1 RM	64.68
	Perimeter channel - 20mm x 27mm x 30mm (web) of 0.55mm thick	0.40 RM	67.00	1 RM	26.80
	Connecting Clips	1.84 Nos.	3.00	1 No.	5.52
	Rawl Plug	0.64 Nos.	3.00	1 No.	1.92
	Soffit Cleats	0.64 Nos.	3.00	1 No.	1.92
	Drywall screws - 25mm	18.00 Nos.	3.00	1 No.	54.00
	Jointing Compound	0.55 Kgs.	27.00	1 Kg.	14.85
	Jointing Paper tape	1.46 RM	5.00	1 RM	7.30
	Drywall top coat	0.15 Ltrs	129.00	1 Ltr	19.35
	<b>B) Labour charges</b>				
	1st Class Carpenter	0.12 Nos.	590.00	1 No.	70.80
	2nd Class Carpenter	0.12 Nos.	470.00	1 No.	56.40
	1st Class Painter	0.024 Nos.	570.00	1 No.	13.68
	2nd Class Painter	0.024 Nos.	470.00	1 No.	11.28
	Power Saw cutter - Hand Operated - Operator	0.012 Nos.	590.00	1 No.	7.08
	Power Drill - Hand Operated - Operator	0.024 Nos.	590.00	1 No.	14.16
	Unskilled Mazdoor	0.072 Nos.	445.00	1 No.	32.04

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	Add for MA @ 25%	0.25		205.44			51.36
	<b>C) Machinery</b>						
	Power Saw cutter - Hand Operated - Hire Charges	0.32	Hours	130.00	1	No.	41.60
	Power Drill - Hand Operated - Hire Charges	0.64	Hours	121.00	1	No.	77.44
							<b>912.33</b>
	Scaffolding charges 1%	0.01		912.33			9.12
	<b>Basic Cost per 1 sqm</b>						<b>921.45</b>
	Overheads&Contractors Profit @13.615%	0.13615		921.45			125.46
	<b>Rate per 1 sqm</b>						1046.91
						<b>Say</b>	<b>1046.91</b>
32	<b>Providing, fabricating and fixing in</b> position of structural steel with required Rectangular/Circular/Square Hollow Sections of Jindal/Tata make as shown in the detailed approved drawings including cutting, welding, hoisting & including cost and conveyance of all materials, all taxes, labour charges for fabrication erection at site work for all heights etc., complete, all taxes except GST as directed by the Engineer-in-Charge for finished item of work.						
	Cost of Material for Rectangular/Square Hollow Sections Rate as per Structural Steel	1.00	MT	42500.00	1.00	MT	42500.00
	Labour Charges For Fabricating Steel TBSC-T.I-18	1.00	MT	27000.00	1.00	MT	27000.00
	Labour Charges For Fixing in position TBSC-T.I-17	1.00	MT	4000.00	1.00	MT	4000.00
	Add for MA @ 25%	0.25		10333.33			2583.33
	<b>Rate per 1 MT</b>						<b>76083.33</b>
	Overheads&Contractors Profit @13.615%	0.13615		76083.33			10358.75
							<b>86442.08</b>
						<b>Say</b>	<b>86442.08</b>
	<b>Rate per 1 K.G.</b>						<b>86.44</b>
33	Aerated (Cellular) Autoclaved Blocks masonry 150 mm thick for panel walls in super structure, parapet walls with cement mortar (1:6) prop (cement:sand) using Aerated (Cellular) Autoclaved blocks of size 600x200x230 mm for manufacturing of Aerated (Cellular) Autoclaved blocks from approved source having minimum crushing strength of 3 N/sq.mm of Aerocon/Aerolite or equivalent products 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, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per SS 504. for Aerated (Cellular) Autoclaved Block Masonry in CM(1:6) (600x200x150) (BLD-CDTN-5-17)						
	Unit : 1Cum						
	Cost of Cement	24.00	Kg	5500.00	1000	Kg	132.00
	Aerated (Cellular) Auto Claved concrete blocks of 600x200x150 (0.018cum)	55.56	Nos	59000.00	1000	Nos	3277.78
	Fine aggregate (Sand)	0.10	cum	810.87	1	cum	81.09
	CMM-011 Mason CI-I/Brick layer CI-I	0.42	day	500.00	1	day	210.00
	CMM-077 Mason CI-II/Brick layer CI-II	0.92	day	470.00	1	day	432.40
	CMM-087 Light Mazdoor	2.80	day	445.00	1	day	1246.00

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
	Applicable Municipal Area	25%		1888.40			472.10
	<b>Rate Per 1 Cum</b>						<b>5719.37</b>
	<b>Rate for Other floors</b>						
		<b>Gr (F1)</b>		<b>1st (F2)</b>	<b>2nd (F3)</b>		<b>3rd (F4)</b>
	Rate Worked as above	5719.37		5719.37	5719.37		5719.37
	<u>Scaffolding charges 4.35 sqm</u>						
4.35	Material hire charges	10.32		10.32	10.32		10.32
	Labour charges	83.43		119.47	155.49		191.53
25%	Applicable Municipal Area	20.86		29.87	38.87		47.88
10%	Lift Charges (10%on Labour charges per each floor)	0.00	1888.40	188.84	377.68		566.52
25%	Applicable Municipal Area	0.00		47.21	94.42		141.63
	Total (i)	5833.97		6115.07	6396.15		6677.25
13.615%	Applicable overheads & contractor profit.	794.30		832.57	870.84		909.11
	Total (ii)	6628.27		6947.64	7266.98		7586.35
0%	Value Added Tax (Works)	0.00		0.00	0.00		0.00
	<b>Rate per Sqm</b>	<b>6628.27</b>		<b>6947.64</b>	<b>7266.98</b>		<b>7586.35</b>
34	BLD-CSTN-5-11 Reinforced Aerated(Cellular) Autoclaved Concrete Blocks masonry (100 mm thick) for panel walls in super structure, parapet walls with cement mortar (1:4) prop (cement:sand) using Aerated(Cellular) Autoclaved Blocks of 600x200x100 mm for manufacturing of Aerated (Cellular) Autoclaved Concrete blocks from approved source having minimum crushing strength of 3 N/sq.mm 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, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per SS 504. for Aerated(Cellular) Autoclaved Block Masonry in CM(1:6) (600x200x100)(BLD-CSTN-5-17)						
	Unit : 10 sqm						
	Aerated(Cellular Auto Claved concrete blocks of 600x200x100 (0.012 cum)	83.33	Nos	47000.00	1000	Nos	3916.67
	Cost of Cement Mortar(1:4)	0.10	Kg	5500.00	1000	Kg	0.55
CMM-011	Mason CI-I/Brick layer CI-I	0.42	day	500.00	1	day	210.00
CMM-077	Mason CI-II/Brick layer CI-II	0.92	day	470.00	1	day	432.40
CMM-087	Light Mazdoor	2.80	day	445.00	1	day	1246.00
	Add water charges	0.01		1888.40			18.88
	Applicable Municipal Area	40%		5824.50			2329.80
	Rate Per 10sqm						8154.30
	Rate Per 1 Sqm						<b>815.43</b>
	<b>Rate for Other floors</b>						
		<b>Gr (F1)</b>		<b>1st (F2)</b>	<b>2nd (F3)</b>		<b>3rd (F4)</b>
	Rate Worked as above	815.43		815.43	815.43		815.43
	<u>Scaffolding charges</u>	63.32		63.32	86.00		108.67
	Material hire charges	10.32		10.32	10.32		10.32
	Labour charges	83.43		119.47	155.49		191.53
25%	Applicable Municipal Area	20.86		29.87	38.87		47.88
10%	Lift Charges (10%on Labour charges per each floor)		1888.40	188.84	377.68		566.52
25%	Applicable Municipal Area	0.00		47.21	94.42		141.63
	Total (i)	993.36		1274.46	1578.21		1881.98
13.615%	Applicable overheads & contractor profit.	135.25		173.52	214.87		256.23
	Total (ii)	1128.60		1447.97	1793.09		2138.21
0%	Value Added Tax (Works)	0.00		0.00	0.00		0.00
	<b>Rate per Sqm</b>	<b>1128.60</b>		<b>1447.97</b>	<b>1793.09</b>		<b>2138.21</b>

Sl. No.	Description	Quantity		Rate (Rs.)	Per Unit		Amount (Rs.)
35	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, ACP Cladding - 3 mmthick						
	Cost of ACP sheet of 3mm thick (TBSC-R.I-17)	1.00	Sqm	2357.00	1.00	Sqm	2357.00
	<b>Rate per 1 MT</b>						<b>2357.00</b>
	Overheads&Contractors Profit @13.615%	0.13615		2357.00			320.91
							<b>2677.91</b>
						<b>Say</b>	<b>2677.91</b>

36	Supplying and fixing of Unplasticised Poly VinylChloride(UPVC)2Track–2Panel Sliding Doorsduly manufactured using UPVC reinforcedprofiles(Composition of profile shall consists aminimum of 5.5 PHR of TiO2 and not more than12 PHR of CaCo3 for every 100 parts of PVCresin) of 60 mm x 45 mm x 2.20 mm with reinforcement of 1.2 mm thickness, super sashwith overall size of 39 mm x 75 mm x 2.20 mm with for sliding door shutter frames capable ofmounting single glazing system, structurallyreinforced with hot dip galvanized up to 50microns of minimum thickness of 1.5 mmprefabricated & welded through fusion welding the door sash shall be fitted with 6 mm thickclear float glass of reputed make duly fixed with Grey colour TPV Gasket for sash & Glazing beadshall be co-extruded with Grey colour soft PVC. Door shall be provided with standard hardware& multi point locking system of bent handleespagulate .the system is to be installed at thesite using anchor fasteners, silicon rubbersealant, easy glazing/ deglazing at site etc.,including cost and conveyance of allmaterials.						
	Rate as per SoR TBSC-L.III-08	1.00	Sqm	5697.00	1.00	Sqm	5697.00
	Overheads&Contractors Profit @13.615%	0.13615		5697.00			775.65
	Rate per sqm						<b>6472.65</b>
						<b>Say</b>	<b>6472.60</b>



**ELECTICAL DATA 2019-2020**

ELECTICAL DATA 2019-2020							
	BLD-TBSE-1-3	1.3	P.V.C. Conduit (Surface)				
1		1.3.1	Supply and Fixing of 25mm dia 2.00 mm thick surface P.V.C. pipe (ISI MARK) with all accessories fixing on chromium plated metallic base saddles and decolam board for switches for Light, Fan and separate plug point including all labour charges etc., complete as per 1.3.1 of Sta revised data of BLD - ELEC-1-3				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.2.4		25mm dia 2.20 mm thick PVC pipe	1 M	100	31.80	3180.00
	TBSE-8.1.2		Rawl Plugs	100 Nos	2	28.00	56.00
	TBSE-1.4.23		35mm Screws (100 No's - 96)	100 Nos	2	96.00	192.00
	TBSE-1.1.35		Chromium Plated saddles with base 25mm dia	Each	200	2.20	440.00
	TBSE-1.2.39		25 mm 1,2,3, & 4 way Junction boxes	Each	12	25.00	300.00
	TBSE-1.2.44		25 mm PVC Bends	Each	12	6.00	72.00
	TBSE-1.4.12		8" x10" Decolam Board	Each	3	73.00	219.00
	CSSR-A.05		Cement	kg	25	5500.00	137.50
			b) Labour charges :				
	CSSR-M-005		Skilled Electrician (8.1.73)	day	2	565.00	1130.00
			Semi skilled Electrician (8.1.75)	day	2	470.00	940.00
			Helpers (8.1.81)	day	2	470.00	940.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>3010.00</b>	<b>752.50</b>
			C) Cost for 100 RM				8359.00
			Rate per Metre = C/100				83.59
			OVER HEADS		14%	83.59	11.38
			Rate per 1 RM				RS 94.97
2		1.3.2	Supply and Fixing of 25mm dia 1.5mm thick surface P.V.C. pipe (ISI MARK) with all accessories fixing on chromium plated metallic base saddles including all labour charges etc., complete for run of mains and as per 1.3.2 of Sta revised data of BLD - ELEC-1-3 2				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.2.3		25mm dia 1.8 mm thick PVC pipe	1M	1	25.40	2540.00
	TBSE-8.1.2		Rawl Plugs	1 Nos	2	28.00	56.00
	TBSE-1.4.23		35mm Screws (100 No's - 96)	100 Nos	2	96.00	192.00
	TBSE-1.1.35		Chromium Plated saddles with base 25 mm	Each	200	2.20	440.00
	TBSE-1.2.32		25mm 1,2,3, & 4 way Junction boxes	Each	12	25.00	300.00
	TBSE-1.2.37		25mm PVC Bends	Each	12	6.00	72.00
	CSSR-A.05		Cement	kg	25	5000.00	125.00
			b) Labour charges :				
			Skilled Electrician	day	2	565.00	1130.00
			Semi skilled Electrician	day	2	470.00	940.00
			Helpers	day	2	470.00	940.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>3010.00</b>	<b>752.50</b>
			C) Cost for 100 RM				7487.50
			Rate per Metre = C/100				74.88
			OVER HEADS		14%	74.88	10.19
			Rate per 1 RM				RS 85.070
			P.V.C. Conduit (Concealed)				
3	BLD-TBSE-1-4	1.4.2 (a)	Supply and Fixing of 25mm dia 2.00 mm thick PVC pipe (ISI MARK) concealed in wall with all required accessories including masonry work and labour charges etc., complete.				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.2.4		25mm dia 2.20 mm thick PVC pipe	1 M	100	31.80	3180.00
			U' Links	100 Nos	2		0.00
	TBSE-1.2.37		25mm dia 1,2,3 & 4 way deep Junction Box PVC	Each	12	25.00	300.00
	TBSE-1.2.44		25mm PVC bends 1.50mmthick	Each	12	6.00	72.00

	CCSR		Cement	kg	50	5000.00	250.00
			b) Labour charges :				
			Skilled Electrician	day	2	565.00	1130.00
			Semi skilled Electrician	day	2	470.00	940.00
			Helpers	day	2	470.00	940.00
			Mason 1st class	day	2	500.00	1000.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>4010.00</b>	<b>1002.50</b>
			Rate per Metre = C/100				88.15
			OVER HEADS		14%	88.15	12
			Rate per 1 RM			RS	100.15
4	BLD-TBSE-1-4	(b)	Supply and Fixing of 25mm dia 2mm thick PVC pipe (ISI MARK) concealed in Roof Slabs with all required accessories including masonry work and labour charges etc., complete				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.2.4		25mm dia 2 .20 mm thick PVC pipe	1 M	100	31.80	3180.00
	TBSE-1.2.32		25mm dia 1,2,3 & 4 way deep Junction Box	Each	12	25.00	300.00
	TBSE-1.2.37		25mm PVC bends	Each	12	6.00	72.00
			b) Labour charges :				
			Skilled Electrician	day	2	565.00	1130.00
			Semi skilled Electrician	day	2	470.00	940.00
			Helpers	day	2	470.00	940.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>3010.00</b>	<b>752.50</b>
			Rate per Metre = C/100				73.15
			OVER HEADS		14%	73.15	9.96
			Rate per 1 RM			RS	83.11
	BLD-TBSE-2	2	Wiring				
	BLD-TBSE-2-1	2.1	Copper Wiring				
5		2.1.1	Wiring with 2 runs of 14/0.3mm (1.0 Sq.mm) Fire Retardant (FR) P.V.C. insulated flexible copper cable (ISI MARK) in existing pipe with 6A switch, Ceiling rose and 3mm thick hylam sheet covering to switch control box including all labour charges etc., complete for light, bell, fan and exhaust fan points in Non-Residential Buildings and as per 2.1.1 of Sta revised data of BLD -ELEC-2-1.1				
			Taking Output = 6 Points				
			a) Material				
	TBSE-1.5.1		14/0.3mm PVC FR flexible copper wire ( finalex, havells & RR cobals)	100 M	1	10.51	1051.00
	TBSE-1.7.1		6A Switch @ 18 /each	each	6	18.00	108.00
	TBSE-1.7.13		6A 2 way Ceiling Rose@ 21/each	each	6	21.00	126.00
	TBSE-8.1.50		25 x 20 cms (10" x8") Hylam sheet 3mm thick	sqinch	80	0.60	48.00
			b) Labour charges :				
			Skilled Electrician	day	0.6	565.00	339.00
			Semi skilled Electrician	day	1.2	470.00	564.00
			Helpers	day	0.6	470.00	282.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>1185.00</b>	<b>296.25</b>
			C) Cost for 6 Points				2814.25
			Rate per Point = C/6				469.04
			OVER HEADS		14%	469.04	63.86
			Rate per Point			RS	532.9
6		2.1.2	Wiring with 2 runs of 14/0.3mm (1.0 Sq.mm) P.V.C. insulated F.R flexible copper cable (ISI MARK) in existing pipe with 6A switch, Ceiling rose and 3mm thick hylam sheet covering to switch control box including all labour charges etc., complete for light, bell, fan and exhaust fan points in Non Residential Buildings.and as per 2.1.2 of Sta revised data of BLD -ELEC-2-1.2				
			Taking Output = 6 Points				
			a) Material				

	TBSE-1.5.1		14/0.3mm PVC FR flexible copper wire (finalex, havells & RR cobals)	100 M	1	10.51	1051.00
	TBSE-1.7.1		6A Switch @ 18 /each	each	6	18.00	108.00
	TBSE-1.7.13		6A 2 way Ceiling Rose@ 21/each	each	6	21.00	126.00
	TBSE-8.1.50		25 x 20 cms (10" x8") Hylam sheet 3mm thick	Sq inch	80	0.60	48.00
			b) Labour charges :				
			Skilled Electrician	day	0.6	565.00	339.00
			Semi skilled Electrician	day	1.2	470.00	564.00
			Helpers	day	0.6	470.00	282.00
			Add Mucipal Limits		0.25	1185.00	296.25
			C) Cost for 6 Points				2814.25
			Rate per Points = C/6				469.04
			OVER HEADS 14%		14%	469.04	63.86
			Rate per 1 RM			RS	532.90
			For Stair case light Point(1.5*Pt.)	532.9	x	1.50	799.35
	BLD-TBSE-3	3	RUN OF MAINS				
	BLD-TBSE-3-1	3.1	Wiring with F.R P.V.C. insulated flexible copper cable				
	BLD-TBSE-2	2	Wiring				
	BLD-TBSE-2-1	2.1	Copper Wiring				
7		2.1.1	Wiring with 2 runs of 14/0.3mm (1.0 Sq.mm) Fire Retardant (FR) P.V.C. insulated flexible copper cable (ISI MARK) in existing pipe with 6A switch, Ceiling rose and 3mm thick hylam sheet covering to switch control box including all labour charges etc., comp				
			Taking Output = 6 Points				
			a) Material				
			14/0.3mm PVC FR flexible copper wire	100 M	1	10.51	10.51
			6A Switch @16/each	each	6	18.00	108.00
			6A 2 way Ceiling Rose@17/each	each	6	21.00	126.00
			25 x 20 cms (10" x8") Hylam sheet 3mm thick	sqm	0.05	0.60	0.60
			b) Labour charges :				
			Skilled Electrician	day	0.6	565.00	339.00
			Semi skilled Electrician	day	1.2	470.00	564.00
			Helpers	day	0.6	470.00	282.00
			C) Cost for 6 Points				1430.11
			Rate per Point = C/6				238.35
			OVER HEADS 14%				33.37
			Rate per 1 RM			RS	271.72
8		3.1.1	Wiring with 2 runs of 14/0.3mm (1.0 Sq.mm) P.V.C. insulated F.R flexible copper cable (ISI MARK) in existing pipe with 6A mini madular switch, Ceiling rose and 3mm thick hylam sheet covering to switch control box including all labour charges etc., compl				
			Taking Output =1Point				
			a) Material				
	TBSE-1.5.1		14/0.3mm FR PVC copper wire	1mt	2		
	TBSE-1.4.19		Supply of 3 mm thick hylam sheet of Size 8" x 10"	1	1	40.00	
	TBSE-1.7.1		Supply of 6A 1 Way flush type Swich of makes	100			
	TBSE-1.7.15		Supply of Ceiling Rose 3 Plate				
			b) Labour charges :				
			Skilled Electrician	day	0.67		
			Semi Skilled Electrician	day	2		
			Helpers	day	0.67		
			Sundries				
			C) Cost for 100 RM				
			Rate per Metre = C/100				
			Note : Labour Charges considered for 150 M / day				

9		3.1.2	Supply and run of 1 of 14 /0.3mm (1.0 Sq.mm) FR P.V.C. insulated flexible copper cable in existing pipe for earth continuity including all labour charges etc., complete.and as per 3.1.2 of Sta revised data of BLD -ELEC-3-1-2				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.5.1		14/0.3mm FR PVC copper wire (Gloster, Nandicap, Gemmini, Narkoda)	1 M	100	797.00	797.00
			b) Labour charges :				
			Skilled Electrician	day	0.34	565.00	192.10
			Semi Skilled Electrician	day	1	470.00	470.00
			Helpers	day	0.34	470.00	159.80
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>821.90</b>	<b>205.48</b>
			C) Cost for 100 RM				1824.38
			Rate per Metre = C/100				18.24
			OVER HEADS		14%	18.24	2.48
			Rate per 1 RM			RS	20.72
			Note : Labour Charges considered for 150 M / day				
10		3.1.3	Supply and run of 2 of 22/0.3mm (1.5 Sq.mm) F.R P.V.C. insulated flexible copper cable in existing pipe for mains inlcuding all labour charges etc.. complete.				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.5.2		22/0.3mm FR PVC copper wire (Gloster, Nandicap, Gemmini, Narkoda)	100 M	2	1150.00	2300.00
			b) Labour charges :				
			Skilled Electrician	day	0.67	565.00	378.55
			Semi Skilled Electrician	day	2	470.00	940.00
			Helpers	day	0.67	470.00	314.90
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>1633.45</b>	<b>408.36</b>
			C) Cost for 100 RM				4341.81
			Rate per Metre = C/100				43.42
			OVER HEADS		14%	43.42	5.91
			Rate per 1 RM			RS	49.33
11		3.1.4	Supply and run of 2 of 36/0.3mm (2.5 Sq.mm) F.R P.V.C. insulated flexible copper cable in existing pipe for mains inlcuding all labour charges etc.. complete.				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.5.3		36/0.3mm (2.5 sqmm) FR PVC copper wire (Gloster, Nandicap, Gemmini & Narkoda)	100 M	2	1856.00	3712.00
			b) Labour charges :				
			Skilled Electrician	day	0.67	565.00	378.55
			Semi Skilled Electrician	day	2	470.00	940.00
			Helpers	day	0.67	470.00	314.90
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>1633.45</b>	<b>408.36</b>
			C) Cost for 100 RM				5753.81
			Rate per Metre = C/100				57.54
			OVER HEADS		14%	57.54	7.83
			Rate per 1 RM			RS	65.37
12		3.1.5	Supply and run of 2 of 56/0.3mm (4 Sq.mm) FR P.V.C. insulated flexible copper cable in existing pipe for mains inlcuding all labour charges etc., complete..and as per 3.1.5 of Sta revised data of BLD -ELEC-3.1.5				
			Taking Output = 100 M				
			a) Material				
	TBSE-1.5.4		56 /0.3mm (4 sqmm)FR PVC flexible copper (Finelex, Havells & RR cobels) wire.	100 M	2	3833.00	7666.00
			b) Labour charges :				
			Skilled Electrician	day	1	565.00	565.00
			Semi Skilled Electrician	day	3	470.00	1410.00
			Helpers	day	1	470.00	470.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>2445.00</b>	<b>611.25</b>

			C) Cost for 100 RM				10722.25
			Rate per Metre = C/100				107.22
			OVER HEADS		14%	107.22	14.6
			Rate per 1 RM			RS	121.82
			Note : Labour Charges considered for 100 M / day				
13		2.1.4	Supply and fixing of 6A 3 pin wall plug socket with 6A switch control on a common switch board with earth continuity including wire leads, earth connections along with all labour charges etc., complete..and as per 2.1.4 of Sta revised data of BLD -ELEC-2.1.4				
			Taking Output = each				
			a) Material				
	TBSE-1.7.4		6A 3 pin / 2 pin Socket (GMG Home, Anchor, Pentacherry)	each	1	27.00	27.00
	TBSE-1.7.1		6A switch (Anchor)	each	1	18.00	18.00
			b) Labour charges :				
			Skilled Electrician	day	0.067	565.00	37.86
			Helpers	day	0.067	470.00	31.49
			Add Mucipal Limits		0.25	69.35	17.34
			Rate per each				131.69
			OVER HEADS		14%	131.69	17.93
			Rate per Each			RS	149.62
			Note : Labour Charges proposed for 1point considering 15 per day				
14		2.1.5	Supply and fixing of 16A 3pin / 6A 3pin plug socket with indicator lamp and 16Amps fuse unit and 16 Amps switch control (5 in one) on decolam sheet covered board including earth connection and all labour charges etc., complete on wall.and as per 2.1.5 of Sta revised data of BLD -ELEC-2.1.5				
			Taking Output = each				
			a) Material				
	TBSE-1.4.11		20 x 15 cms (8" x6") Decolam sheet covered board	each	1	44.00	44.00
	TBSE-1.7.11		16A 3 pin / 6A 3pin Plug triangle socket with indicator lamp, fuse unit (5 in 1) (Anchor)	each	1	50.00	50.00
	TBSE-1.7.10		16A Switch (Anchor)	each	1	102.00	102.00
			b) Labour charges :				
			Skilled Electrician	day	0.1	565.00	56.50
			Helpers	day	0.1	470.00	47.00
			Add Mucipal Limits		0.25	103.50	25.88
			Rate per each				325.38
			OVER HEADS		14%	325.38	44.3
			Rate per Each			RS	369.68
15		2.1.5	Supply and fixing of 6A 3pin / 6A 3pin plug socket with indicator lamp and 6Amps fuse unit and 16 Amps switch control (5 in one) on decolam sheet/sunglass covered board including earth connection and all labour charges etc., complete on wall.and as per 2.1.5 of Sta revised data of BLD -ELEC-2.1.5				
			Taking Output = each				
			a) Material				
	TBSE-1.4.11		20 x 15 cms (8" x6") Decolam/sunglass sheet covered board	each	1	44.00	44.00
	TBSE-1.7.5 & 6		6A 3 pin / 6A 3pin Plug socket with indicator lamp, fuse unit (5 in 1)(20+35=55)	each	1	55.00	55.00
	TBSE-1.7.1		6A Switch	each	1	18.00	18.00
			b) Labour charges :				
			Skilled Electrician	day	0.1	565.00	56.50
			Helpers	day	0.1	470.00	47.00
			Add Mucipal Limits		0.25	103.50	25.88
			Rate per each				246.38

			OVER HEADS		14%	246.38	33.54
			Rate per Each			RS	279.92
	Bldngs_TBSE-9-5	9.7	Fans				
16		9.7.2	Supply of 900 mm (36") / 1200 mm (48") / 1400 mm (56") sweep 230V, A.C 50 Hz.Ceiling fan with 3 Blades and double ball bearings with all standard accessories.and as per 9.7.2 of Bajaj/Crompton/orient make only Sta revised data of BLD -ELEC9.7.2				
			a) Material				
	TBSE-5.1.1		900 mm (36") / 1200 mm (48") / 1400 mm (56") Ceiling Fan Bajaj/Crompton/orient make only	each	1	1600.00	1600.00
			Transportation Charges on Unit Cost		0.01		16.00
			Rate per Each				1616.00
			OVER HEADS		14%	1616.00	220.02
			Rate per Each			RS	1836.02
		9.7.35	Labour Charges				
17			Labour charges for Fixing of Ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete.				
			a) Material				
	TBSE-1.6.8		23/0060 Twin Core wire	M	1	10.40	10.40
			Unforeseen item works, such as painting to down rod, screws and Cover frame etc.,	LS			10.00
			b) Labour charges.				
			Skilled Electrician	day	0.125	565.00	70.63
			Helper	day	0.125	470.00	58.75
			Add Mucipal Limits		0.25	129.38	32.34
			Rate per Each				182.12
			OVER HEADS		14%	182.12	24.79
			Rate per 1 RM			RS	206.91
			Rate per Each			RS	2042.93
18		9.7.26	Supply and erecting Stepped type electronic Regulator for ceiling fans 900/1200/1400mm sweep complete erected on existing board.and as per 9.7.26 of Sta revised data of BLD -ELEC-9.7.26				
			a) Material				
	TBSE-1.7.12		Stepped type electronic Regulator (Anchor)	each	1	220.00	220.00
			b) Labour charges.				
			Semi skilled Electrician	day	0.1	470.00	47.00
			Add Mucipal Limits		0.25	47.00	11.75
			Rate per Each				278.75
			OVER HEADS		14%	278.75	37.95
			Rate per Each			RS	316.70
			Note : Labour is Considered for 10 jobs / day				
		9.7.16	EXHAUST FANS				
19			Supply of fresh air exhaust fan of light duty 250V A.C.50Hz.. 225 mm (9") / 300mm size (12") 1350 R.P.M Metallic body plastic blades, wire mesh, etc., complete.and as per 9.7.16 of Sta revised data of BLD -ELEC-9.7.16				
			a) Material				
	TBSE-5.1.12		225 mm (9") / 300mm (12") L.D. Exhaust Fan	each	1	2645.00	2645.00
			Transportation Charges on Unit Cost		0.01		26.45
			Rate per Each				2671.45
			OVER HEADS		14%	2671.45	363.72
			Rate per Each			RS	3035.17
20		9.7.36	Labour charges for fixing of Exhaust fan in wall with necessary connections and masonry work of making hole, finishing etc., complete 9.7.36				
			a) Material				
	TBSE-1.6.8		23/0060 Twin flat wire	M	1	10.40	10.40

			Cement	kg	25	5500.00	137.50
			b) Labour charges.				
			Skilled Electrician	day	0.25	565.00	141.25
			Helper	day	0.25	470.00	117.50
			Mason	day	0.25	500.00	125.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>383.75</b>	<b>95.94</b>
			Rate per Each				627.59
			OVER HEADS		14%	627.59	85.45
			Rate per Each			RS	713.04
			Note :1. Labour is Considered for 6 jobs / day				
21		8.2.2	Supply and Transportation of 1x36/40W box type tube light luminaire with copper / VPIT Choke, condensor, starters etc., and 1No 36/40W tube etc., complete.and as per 8.2.2 of Sta revised data of BLD -ELEC-8.2.2				
			a) Material				
	TBSE-3.6.5		1x40/36 box type T.L fitting (Suriya, Havells & HPL)	each	1	766.00	766.00
	TBSE-3.7.4		36/40 Tube (Surya & Philips)	each	1	45.00	45.00
			Sundries and rounding off				
			Rate per each				811.00
			OVER HEADS		14%	811.00	110.42
			Rate per Each			RS	921.42
22		7.9.3	Fixing of 40W tube light luminaire on wall / Ceiling with / TW round blocks with all accessories including giving connections and all labour charges etc., complete.7.9.3				
			a) Material				
	TBSE-1.6.8		23/0060 twin core flexible copper cable	M	1	10.40	10.40
	TBSE-1.4.23		screws with rawal plugs (100 No's = 96)	each	2	0.96	1.92
	TBSE-8.1.27		T.W round blocks	each	2	7.00	14.00
			Cement and sand etc.,	LS			2.00
			b) Labour charges				
			Skilled Electrician/carpenter	day	0.1	565.00	56.50
			Semi skilled Electrician / Helper	day	0.1	470.00	47.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>103.50</b>	<b>25.88</b>
			Rate per each				157.70
			OVER HEADS		14%	157.70	21.47
			Rate per Each				179.17
						RS	1100.59
	BLD-TBSE-5-1		a) Material				
23			1x40 patty type T.L. fitting	each	1		
			40W FTL	each	1		
	TBSE-8.1.56		Sundires and rounding off			350.00	0.00
	TBSE-8.1.56		Rate per each			750.00	0.00
			25% extra for narrow trench & pit and back filling with Sand, Coke, Salt etc., and leveling	cum	0.25	0.00	0.00
	civil item		PCC(1:4:8)	cum	0.64	1792.00	1146.88
	civil item		Brick Masonry (1:6) Pit of size 2' x 2'	cum	0.168	2898.56	486.96
	civil item		Plastering with CM(1:4) 12 mm thick	sqm	4.48	177.16	793.68
	Non SSR		Cast Iron cover plate of size 2' x2'	1 No	1	900.00	900.00
	TBSE-8.1.62		40mm dia 'B' Class G.I pipe	Mtr	2.5	332.00	830.00
	TBSE-8.1.45		25 x 6 mm (1"X 1/4") G.I Flat duly drilled 12mm holes (4 Nos) of 200 mm (8") length	Each	1	55.00	55.00
	TBSE-8.1.63		Drilling of 16 Nos through holes of 12mm dia to G.I pipe	Each	16	5.00	80.00
	TBSE-8.1.64		G.I Nuts, Bolts an Washers	Set	4	10.00	40.00
	CSSR-A.44		18" dia hume pipe ring	Each	1	210.00	210.00
	TBSE-8.1.16		Hard Coke	Kg	40	8.00	320.00
	TBSE-8.1.17		Salt	Kg	20	4.00	80.00
			b) labour charges for fixing pipe ring and connections	Each			
			Semi skilled Electrician	Nos	0.5	0.00	0.00
			Helpers	Nos	0.5	0.00	0.00
			Sundries				
			Rate per each				4942.52
			OVER HEADS		14%	4942.52	691.95

			Rate per Each				5634.47
24			Supply and fixing of 3-Phase Meter Board with 18" x30" size Peta Board with 3 No. of 32A, 415 V Fuse Unit and 32A Standard make including giving internal connections				
	TBSE-1.4.33		18" x 30 " Peeta Board	No	1	270.00	270.00
	TBSE-2.6.1		32 A Fuses	No	3	90.00	270.00
	TBSE-1.5.6		10 Sq mm PVC flexible insulated cable	1	12	74.76	897.12
	Manpower						
	CSSR-M-005		Electrician ( Licensed )	day	1	258.00	258.00
	CSSR-M-076		Lineman Electric / Telephone	day	1	237.00	237.00
			Add LA chrges	0.00%	0.00	495.00	0.00
	Miscellaneous						
	TBSE-8.1.9		Rawl Plugs	Nos	4	16.00	64.00
	TBSE-8.1.35		TW / PVC Round Blocks	No	4	6.00	24.00
			Rate per each				2020.12
			OVER HEADS		14%	2020.12	282.82
			Rate per Each				2302.94
25		4.4.3	Supply and fixing TPN Distribution board with IP-20 protection suitable for 3 phase ELCB / RCCB / FP Isolator as incomer and 10kA SP MCBs as outing going including internal connection and labour charges for surface / flush mounting etc., complete.and as per 4.4.3 of Sta revised data of BLD -ELEC-4.4.3				
		A	40A FP Isolator/ RCCB / ELCB - 1 No for incomer, 10kA-6-32A SP MCBs - 12Nos for outgoing.				
			Taking Output = each				
			a) Material				
	TBSE-2.12.22		4way TPN, D.B with IP-20 Protection suitable for 3 phase ELCB / RCCB/ FP Isolator as incomer.	each	1	2306.00	2306.00
	TBSE-2.11.7		40A, 4 Pole Isolator / ELCB / RCCB	each	1	3392.00	3392.00
	TBSE-2.9.1		10kA - 6-32A range SP MCBs	each	12	184.00	2208.00
			b) Labour charges :				
			Skilled Electrician	day	0.5	258.00	129.00
			Semi Skilled Electrician	day	1	#REF!	#REF!
			Helpers	day	1	#REF!	#REF!
			Sundries such as TW Plugs, Screws Cement etc.	LS			
			C) Cost for 1 No				#REF!
			OVER HEADS		14%	#REF!	#REF!
			Rate per Each				#REF!
			Note : Labour Charges considered for 2 jobs / day				
26		8.2.4	Supply and Transportation of 1x40W patty type tube light luminaire with copper choke, starter etc., including 1No 40W tube etc., complete.				
			a) Material				
	TBSE-3.6.17		1x40 patty type T.L. fitting	each	1	273.00	273.00
	TBSE-3.7.7		40W FTL	each	1	45.00	45.00
			Sundires and rounding off				
			Rate per each				318.00
			Labour Charges				157.70
			OVER HEADS		14%	475.70	64.77
			Rate per Each				RS 540.47
27		7.1.1& 7.9.5	Supply and fixing of 1x40W weatherproof flourescent streetlight fitting comprising canopy of sheet Aluminium in stove enamel finish with copper / VPIT ballast, capacitor, tube and starter etc.including fixing to the wall with 1.0 Mtr., 25mm dia GI pipe bracket and anti tilting MS flat etc., including giving connections and labour charges etc.completand as per 7.1.1 & 7.9.5 of Sta revised data of BLD -ELEC7.1.1 and 7.9.5				
			a) Material				



	TBSE-3.1.1		1x40W WP flourscent street light fitting.(Wipro)	each	1	1260.00	1260.00
	TBSE-3.7.7		Lamp cost of 40W	each	1	45.00	45.00
	TBSE-8.1.56		25mm dia G.I pipe	M	1	242.00	242.00
	TBSE-1.6.8		23/0060 twin core flexible copper cable	M	2	10.40	20.80
			Pipe bending charges	LS			20.00
			M.S flat and welding charges	LS			25.00
			b) Labour charges				
			Skilled Electrician/carpenter	day	0.2	565.00	113.00
			Mason	day	0.2	500.00	100.00
			Semi skilled Electrician / Helper	day	0.2	470.00	94.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>307.00</b>	<b>76.75</b>
			Rate per each				1919.80
			OVER HEADS		14%	1919.80	261.38
			Rate per Each			RS	2181.18
BLD-ELEC-4-4-28		4.4	DISTRIBUTION BOARDS				
		4.4.1	Supply and fixing SPN Distribution board with IP-20 protection suitable for single phase Earth Leakage Circute Braker (ELCB) / Residual Current Circute Braker (RCCB) / Double Pole (DP) Isolator as incomer and 10kA SP MCBs as out going including internal connections and labour charges for surface / flush mounting etc., complete.4.4.1				
		A	40A DP Isolator / RCCB / ELCB - 1 No for incomer, 6-32A SP MCBs - 4Nos for outgoing.				
			Taking Output = each				
			a) Material				
	TBSE-2.12.1		SPN 4way D.B with IP-20 Protection suitable for single phase ECCB / RCCB/ DP Isolator.	each	1	760.00	760.00
	TBSE-2.12.3		8 Way D.P.Isolator / ECCB / RCCB	each	1	880.00	880.00
	TBSE-2.9.1		10 kA - 6-32A range SP MCBs	each	4	201.00	804.00
			b) Labour charges :				
			Skilled Electrician	day	0.5	565.00	282.50
			Semi Skilled Electrician	day	0.5	470.00	235.00
			Helpers	day	1	470.00	470.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>987.50</b>	<b>246.88</b>
			Sundries such as hardware, cement etc,	LS			25.00
			Rate per each				3703.38
			OVER HEADS		14%	3703.38	504.22
			Rate per Each			RS	4207.60
BLD-ELEC-5-1-29		5.1	EARTHING				
		5.1.1	Providing independent earthing by excavating a trench to a depth of 2.1 M in all soils, as per size specified in the Data, using 40mm dia 'B' class GI pipe of 2.5 Mtrs length with necessary accessories with hume pipe ring duly providing staggered holes including filling with equal proportion of Salt and Charcoal in layers and all labour charges etc., complete for small quarters.5.1.1				
			a) Material				
	TBSE-8.1.51		Earth Work Excavation of Hard gravel Soil with small boulder for trench 1st step of size 1.5 x 0.6 x 0.9 m (5'x2'x3')	cum	0.85	220.00	187.00
	TBSE-8.1.52		Excavation of Hard Gravel soils for trench 2nd Step of size 1.2 x 0.6 x 1.2 m (Civil SSR) (4'x2'x4')	cum	0.9	220.00	198.00
			25% extra for narrow trench & pit and back filling with Sand, Coke, Salt etc., and leveling		0.25	385.00	96.25
	TBSE-8.1.57		40mm dia 'B' Class G.I pipe	Mtr	2.5	381.00	952.50

			25 x 6 mm (1"X 1/4") G.I Flat duly drilled 12mm holes (4 Nos) of 200 mm (8") length	Each	0.942	41.50	39.09
	TBSE-8.1.58		Drilling of 16 Nos through holes of 12mm dia to G.I pipe	Each	16	6.00	96.00
	TBSE-8.1.59		G.I Nuts, Bolts an Washers	Set	4	11.00	44.00
	TBSE-8.1.60		18" dia hume pipe ring	Each	1	220.00	220.00
	TBSE-8.1.9		Hard Coke	Kg	40	15.00	600.00
	TBSE-8.1.10		Salt	Kg	20	10.00	200.00
			b) labour charges for fixing pipe ring and connections	Each			
			Semi skilled Electrician	Nos	0.5	565.00	282.50
			Helpers	Nos	0.5	470.00	235.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>517.50</b>	<b>129.38</b>
			Sundries				3150.34
			OVER HEADS		14%	3150.34	428.92
			Rate per Each			RS	3579.26
30		2.1.8	Supplying and fixing of batten holder/ angle holder on existing block but without bulb.				
	TBSE-1.7.14		a) Material				
			PVC batten holder	each	1	20.00	20.00
			b) Labour charges				
			Skilled Electrician	day	0.05	565.00	28.25
			Helpers	day	0.05	470.00	23.50
							51.75
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>51.75</b>	<b>12.94</b>
							71.75
			OVER HEADS		14%	71.75	9.77
			Rate per Each			RS	81.52
31		6.1.3	Supply and Run of 2 of 10 Sq.mm WPSC Aluminium cable along with no.10 SWG G.I Bearer wire through PVC cleats with all accessories including labour charges etc., complete for service mains.				
			a) Material				
	TBSE-1.6.3		10 Sq.mm WPSC Aluminium cable(Finelex)	100	2	16.11	3222.00
	TBSE-8.1.40		No.10 SWG G.I. Wire (0.026 Kg/ Mtr) Length 100 RM	Kg	6.7	68.00	455.60
	TBSE-8.1.11		PVC Cleats	100 No's	1	330.00	330.00
							4007.60
			b) Labour charges				
			Skilled Electrician	day	1	565.00	565.00
			Semi skilled	day	1	470.00	470.00
			Helpers	day	1	470.00	470.00
							1505.00
			<b>Add Mucipal Limits</b>		<b>0.25</b>	<b>1505.00</b>	<b>376.25</b>
							5888.85
			OVER HEADS		14%	5888.85	801.77
			rate for 100mts.				6690.62
			Rate per 1 mts			RS	66.91
32		4.1.1	Supply and erection of Panel mounting cubical type 30/ 32 A TPN 415V, 50 Hz. Switch disconnecter fuse unit complete with front drive mechanism with door inter lock, padlocking arrangement etc., complete with fuse links on existing control panel				
			Taking output = each				
			a) Material				
	TBSE-2.1.1		30 / 32A TPN 415V, 50 Hz. Switches Disconnecter fuse unit with HRC fuses.(Makes : Havells / HPL / Indo Asian / Standard.)	each	1	1129.00	1129.00
			b) Labour charges				
			Skilled Electrician	day	0.167	565.00	94.36
			Semi skilled Electrician	day	0.167	470.00	78.49

		Helpers	day	0.333	470.00	156.51
		Add Mucipal Limits		0.25	329.36	82.34
						1540.70
		OVER HEADS		14%	1540.70	209.77
		Rate per Each			RS	1750.47