

Schedule of Quantity

Name of work: Upgradation of Accessible toilet for person with disabilities alongwith reserved parking space, with accessible route, modification of ramp & stairs with railings as per Access audit report for the building at Mahalanobis Bhawan, NSSO, 164 GLT Road, Kolkata-700108 during 2025-26.(Balance Work)

SL. No.	DSR-2023	Description of Item	Quantity	Unit	Rate	Amount
1	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
1.1	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	48.00	cum	7878.50	3,78,168.00
2	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
2.1	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	6.00	sqm	392.15	2,353.00
3	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
3.1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	850.00	kg	107.85	91,673.00
4	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
4.1	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	5.00	cum	7132.25	35,661.00
5	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
5.1	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	4.00	cum	9105.95	36,424.00
6	9.70	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :				
6.1	9.70.4	50x37x1.50 mm	36.00	each	43.75	1,575.00
7	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
7.1	10.16.1	Hot finished welded type tubes	750.00	kg	194.40	1,45,800.00
8	10.27	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm ²), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.				
8.1	10.27.5	10 x 160 mm	72.00	each	224.50	16,164.00

SL. No.	DSR- 2023	Description of Item	Quantity	Unit	Rate	Amount
9	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	400.00	kg	772.40	3,08,960.00
10	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	73.00	sqm	738.65	53,921.00
11	12.51	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
11.1	12.51.1	Ridges plain (500 - 600mm)	15.00	metre	532.35	7,985.00
12	13.4	12 mm cement plaster of mix :				
12.1	13.4.2	1:6 (1 cement: 6 coarse sand)	25.00	sqm	343.65	8,591.00
13	13.6	20 mm cement plaster of mix :				
13.1	13.6.2	1:6 (1 cement: 6 coarse sand)	30.00	sqm	466.05	13,982.00
14	13.16	6 mm cement plaster of mix :				
14.1	13.16.1	1:3 (1 cement : 3 fine sand)	57.00	sqm	300.45	17,126.00
15	13.18	Neat cement punning.	57.00	sqm	79.95	4,557.00
16	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
16.1	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	30.00	sqm	226.25	6,788.00

SL. No.	DSR-2023	Description of Item	Quantity	Unit	Rate	Amount
17	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	350.00	sqm	266.45	93,258.00
18	16.48	Painting road surface marking with adequate nos of coats to give uniform finish with ready mixed road marking paint conforming to IS : 164, on bituminous surface in white/yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material etc. complete.				
18.1	16.48.1	New work (Two or more coats)	48.00	sqm	288.90	13,867.00
19	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
19.1	16.91.2	80 mm thick C.C. paver block of M-35 grade with approved colour design and pattern.	530.00	sqm	1091.50	5,78,495.00
20	26.86	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately).				
		Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made.				

SL. No.	DSR- 2023	Description of Item	Quantity	Unit	Rate	Amount
20.1	26.86.1	Frame size 45 x 70 mm	48.00	metre	705.85	33,881.00
21	26.87	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)				
21.1	26.87.1	30 mm thick	21.00	sqm	4346.70	91,281.00
Total						19,40,510.00
Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @					19,40,510	18,88,116.00
Add Cost Index @ 22% on DSR 23 Items				18,88,116.00		4,15,386.00
Total						23,03,502.00

Assistant Engineer (P)
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Executive Engineer
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