

Schedule of Estimate

Name of the work: -Special repair work for Modification of Post -OP to Two Modular OT"s for Civil Works

Sr.No.	DSR No.	Item Description	Quantity	Unit	Rate	Amount
1		CONCRETE WORK				
2	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				
3	4.1.5 A	1:3:6 (1 Cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA))				
		For AHU Platform	0.89	Cum	6347.75	5669.81
4	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
5	4.3.1	Foundations, footings, bases for columns	0.62	Sqm	392.15	241.56
6	5	REINFORCED CEMENT CONCRETE				
7	5.15	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources				
		Lintel for door	0.60480	Cum	13899.2	8406.23616

9	5.22 A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
10	5.22 A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more	47.47 680	kg	107.8 5	5120.37
11	6	MASONRY WORK				
12	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 :				
13	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	15.09 75	cum	9344. 35	141076.324
14	9	Wood and PVC work				
15	9.95	Providing and fixing ISI marked Aluminium butt hinges anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete				
16	9.95. 1	125x75x4 mm	28.00	each	150.1	4202.80
17	9.97	Providing and fixing Aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
18	9.97. 4	150x10 mm	7.00	each	82.55	577.85
19	9.10 0	Providing and fixing Aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
20	9.10 0.1	125 mm	14.00	each	66.25	927.50

	9.10 1	Providing and fixing Aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
	9.10 1.2	Twin rubber stopper	7.00	each	72.35	506.45
		Finishing work				
	13.1. 1	12 mm cement plaster of mix :	69.03 000	sqm	347.0 5	23956.86
21	13.8 3	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
22	13.8 3.2	Two coats	69.03 000	sqm	142.8	9857.48
23		DISMANTLING AND DEMOLISHING				
24	15.1 2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
25	15.1 2.1	Of area 3 sq. metres and below	5.000	num	367.2	1836.00
26	15.1 2.2	Of area beyond 3 sq. metres	1.000	num	502.7 5	502.75
27	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-In-charge.				
28	15.7. 4	In cement mortar	8.910 00	cum	2060. 2	18356.38

29	15.6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.				
		Brickwork Dismantling	16.52 330	Cum	263.9 5	4361.33
30	15.2 3	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
31	15.2 3.1	For thickness of tiles 10 mm to 25 mm	30.53 0	Sqm	73.4	2240.90
32	15.5 7	Dismantling Aluminum/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer in-charge.	98.91 0	sqm	56.35	5573.58
33	15.3 9	Dismantling wooden boarding in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead :				
34	15.3 9.2	Thickness above 10 mm up to 25 mm				
		Nursing station wooden	5.460	sqm	77.75	424.52
35	26	NEW TECHNOLOGIES AND MATERIALS				

36	26.8 6	<p>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/mm², modulus of elasticity 900 N/mm² 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 5 mm tolerance indimensions 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.</p>	41.84	meter	1381.6	57806.14
37	26.8 6.6	Frame size 65 x 125 mm	41.84 0	meter	1381.6	57806.14

38	26.8 7	<p>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/mm², modulus of elasticity 850 N/mm² 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)</p>				
39	26.8 7.1	30 mm thick	26.12 400	sqm	4346. 7	113553.19
Sub Total (A)DSR						405198.04
NSR Items						
40	NSR	Hermetically Automatic Sliding Door Automatic operated Hermetically sliding HPL Laminate on both side, Door size (1500mm wide 2100mm height) complete with double toughened glass vision window of 300mm x 300mm and smooth effortless sliding door runs on nylon wheel within an aluminum extrusion high quality rail	1	num	284527.3 1	284527.31

		complete with required accessories.				
41	NSR	Supply, Installation, Testing & Commissioning of Hatch Box . It should be provided in each operation theater to remove waste materials from the operation theater to dirty linen area/corridor just adjacent to Operation Theater.Each hatch box should be equipped with two doors and the door should be operatedelectrically/motorised. The hatch should be designed in such a way that only one door should be opened at one time.The UV light should be so installed that it is kept on while both the doors are closed. This UV light has to be automatically turned off in case of opening of either of the doors. Indicators should be provided on both sides of the OT so that door open / close status canbe monitored from both sides. Hatch Box material should be SS304 grade . Size of the Hatch box minimum: 600mm x600mm.	2	num	73977.10	147954.20
42	NSR	Automatic 2 Bay Scrub Staion: made up of stainless steel grade 304 with all accessories inclusive of photo sensors with timer, thermostatic mixing valve & bypass system, with foot switch.	2	num	78,245	156490.02
		Subtotal.....NSR			588971.54	
		Sub Total (A)DSR			405198.04	
		Add 0.973 of modified estimated cost after using correction factor on DSR 2023 items on A.....(B)			394257.694	
		Add cost index(103-100)/100 on B.....C			11827.73	
		Total (B +C+NSR items)....D			995056.96	