

BOQ**Name of Work:- Construction of Lavatory for Control Room at 132KV Hajo GSS, AEGCL.****Name & Address of Bidder:-**

Sl. No.	Description of Item	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	1.72	cum		
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	2	each		
3	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as All kinds of soil	6.91	cum		
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Mild steel and Medium Tensile steel bars	324.05	kg		
5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 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)	2.11	cum		
6	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	2.58	cum		
7	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	35.60	sqm		

Sl. No.	Description of Item	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
8	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm	25.00	sqm		
9	Factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter 35 mm thick	4.00	sqm		
10	12 mm cement plaster of mix :	43.80	sqm		
11	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	110.20	sqm		
12	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work	110.20	sqm		
13	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	2	each		
14	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : Flat back wash basin of size 630x450 mm	2	each		
15	Providing and fixing PTMT pillar cock of approved quality and colour. 18.56.1 15 mm nominal bore, 107 mm long, weighing not less than 110 gms	2	each		
16	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	2	each		

Sl. No.	Description of Item	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
17	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.	3	each		
18	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	4	each		
19	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	4	each		
20	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				
	15 mm nominal dia Pipes	25.00	rm		
	50 mm nominal dia Pipes =	10.00	rm		
	100 mm nominal dia Pipes	6.00	rm		
21	Providing and fixing white vitreous china water closet squatting pan (Indian type) : Long pattern W.C. pan of size 580 mm	1	each		
22	Providing and fixing health faucet	3	each		
23	Providing, fitting and fixing anodised aluminium hollow section (Indal section 9210) of size 63.50mm x 38.10mm x 2.5mm thick for aluminium frame partition wall, with a maximum spacing of frame 1.20m for horizontal/vertical member including aluminium cleat 32mm x 50mm x 4mm thick and fixing of glass panes and pre-laminated board with tapper cleat 20mm x 15mm x 1.2mm thick fixing glass panes with rubber gasket, screws, etc. as directed by the department at all levels. (ii)5mm frosted glass	4.05	sqm		
Total=					
Adding 18% GST=					
Grand Total=					
Say=					