

PRICE BID

Construction of Ladies Toilet at 132KV AEGCL GSS, Dullavcherra
(As per DSR-2021 & APWD SoR:2013-14)

Sl. No.	Item Description	Unit	Qty.	Rate(Rs.)	Amount(Rs.)
1	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 directed by Engineer-incharge. 2.6.1	Cum.	4.00		
2	Supplying and filling in plinth with sand under floors, including watering,ramming, consolidating and dressing complete.	Cum	4.200		
3	PCC 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum.	1.000		
4	Centering and shuttering including strutting, propping etc. and removal of form work for : 5.9.1. Foundations, footings, bases for columns.	Sq.m.	3.20		
5	Centering and shuttering including strutting, propping etc. and removal of form work for : 5.9.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sq.m.	14.26		
6	Centering and shuttering including strutting, propping etc. and removal of form work for : 5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts	Sq.m.	16.20		
7	Centering and shuttering including strutting, propping etc. and removal of form work for : 5.9.3 Suspended floors, roofs, landings, balconies and access platform	Sq.m.	10.78		
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto & above plinth level. 5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg.	574.53		

9	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 : 5.1.2. 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)	Cum.	4.331		
10	Brick work with common burnt clay selected F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand) 6.26.1 From ground level upto plinth level	Cum	1.35		
11	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : 6.12.1 Cement mortar 1:3 (1 cement : 3 coarse sand)	Sq.m.	27.00		
12	12 mm cement plaster of mix : 13.1.1 1:4 (1 cement: 4 fine sand)	Sq.m.	55.80		
13	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sq.m.	4.25		
14	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. 13.85.3 With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sq.m.	55.80		

15	Wall painting with acrylic emulsion paint, 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. 13.82.2 Two coats	Sq.m.	55.80		
16	Providing and fixing PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm (\pm 0.2 mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5mm PVC frame strip with PVC solvent cement on the back of the profile.The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.	Rm.	5.70		
17	Providing and fixing to existing door frames. 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (\pm 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred	Sq.m.	1.50		
18	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over	Sq.m.	18.90		
19	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4	Sq.m.	7.00		
20	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 17.73.2 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not	Each	1		

21	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	1		
22	Providing and fixing brass stop cock of approved quality : 18.16.1 15 mm nominal bore	Each	1		
23	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 18.53.1 15mm nominal bore.	Each	3		
24	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures	Each	1		
25	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : 17.25.1 Flat back wash basin of size 630x450 mm	Each	1		
26	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	1		
27	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.	Sq.m.	11.000		
28	Providing, fitting and fixing coloured anodised aluminium sliding windows and ventilators of standard sections of approved brand without horizontal glazing bars, joints mitred and welded (manufactured to relevant IS specifications) and providing and fixing handles, angle cleat, rubber gasket, roller, bolting device, locking arrangements, screws etc as required complete as specified and directed for all levels.(a)2 Track sliding window (v) 5 mm coloured glass	Sq.m.	0.45		
29	Providing drain with brick work in cement mortar in proportion 1:5 with half brick thick side walls and 100mm thick C.C (1:3:6) base over one brick flat soling including 15mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry as directed with necessary shttering for	Rm.	8.5		

30	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 18.51.1 15 mm nominal bore.	Each	2		
31	Providing, fitting and fixing recessed soap tray / soap dish complete as directed and specified.(a) Parryware Make(ii) Wall Soap tray (Cat. No.C9951)	Each	1		
32	Supplying fitting & fixing health faucet of Hindware/Jaquar/Essco make as directed by the department	Each	1		
33	Providing fitting and fixing PVC cowel of ISI make complete as directed and specified.(iv)75 mm dia PVC cowel of ISI make	Each	1		
34	Supplying, fitting and fixing PVC pipes of 6 Kg/cm2 (Supreme/Prince) or other ISI approved including joining ,fitting and fixing wiyh clamps etc.as necessary complete at all levels including below G.L as directed and specified. a) In exposed surfaces or in trenches. (ii) 110mm dia.	Rm.	15		
35	Supplying fitting and fixing approved uPVC Pipes of different sizes, with all necessary 'R' brand or similar approved uPVC fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting, clamps etc. complete at all levels including below G.L as directed and specified.(A) Exposed or in trenches.SUPREME/PRINCE/SFMC brand or other equivalent approved brand (High pressure pipe Sch-40) (f) 15mm dia	Rm.	15		
36	Wiring for light/ fan/ call bell point with 2x1.5 sq mm P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) with flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) in surface system, including 6 Amp flush type switch/ bell push (Anchor Penta/Gold medal /Kolor kany.Kom/ Havells 1.1.2= Medium point up to 6.00 metre. Length.	Each	3		

37	Supplying including fitting fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department.	Each	1		
38	Supplying and fitting of 18/20 Watt CFL lamp in the existing batten holder/angle holder/decorative bracket/bulk head fitting/ pendent holder etc. as specified and directed by the deptt.	Each	1		
				Amount:(I)	
				Sub-Total Amount after adding GST @ 18% on (I): (II)	
				Grand Total Amount: (I)+(II):(III)	
Total Amout In words=					