

SCOPE OF WORK FOR CONSTRUCTION WASHROOM 10 X 8 FT
AT APS DHAR ROAD PRE-PRIMARY WING.

Sno	Descriptions	A/U	Qty
	CONSTRUCTION WASHROOM :- As per given drawing specifications & direction of School Management of APS . Service Provider should complete the work with following requirements:-	Nos	1
A	Civil Works		
1	Earth work foundation Clearing/uprooting of rank vegetation , grass, brush wood , trees and sampling of girth upto 1ft below the ground level , Earth excavation by manual mean in trenches for foundation, drains and for shafts wells, including dressing of sides and ramming of bottoms lifts upto 1.5m including getting out excavated earth and disposal of surplus malwa upto a distance of 50 m outside the periphery of the area cleared . Earth work of foundation and re filling of excavation of earth etc..	Cu ft	110
2	PCC Foundation : Providing and laying in position Cement Concrete of specified grade including curing . All work upto plinth level with ration 1:3:6 . (1 Cement :3 Coarse sand : 6 graded stone aggregate) Foundation should be minimum 2 ft deep and 2 ft above the ground area	Cu ft	168
3	Brick work :- Providing and laying masonry 9" First Class brickwork of common burnt clay (non modular) bricks of class designation 7.5 including curing in cement mortar 1:4 (1 Cement: 4 coarse sand) in 9" Inch thickness wall ,joints raked to 5 inch. Clear Height of room 10ft	Cu ft	315
4	Brick work for partions - Providing and laying masonry 4.5" First Class brickwork of common burnt Clay bricks (non modular) of class designation 7.5 with 1:4 cement mortar including curing in cement mortar 1:4 (1 Cement : 4 coarse sand) in 4.5" inch thickness of wall, joints raked to 5 inch clear and Height 7 ft	Cu ft	35
5	RCC Slab :- P/L in Steel Reinforced Cement concrete (130-150 mm thick Rcc slab) type B1 in beams, suspended floors, roofs, with ratio 1:1.5:3 (1Cement : 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal) using mild steel grade Fe-500D or more TMT bars 10 mm, 12mm and 16 mm dia, cut to length, bent to shape required, hooking ends, binding with mild steel wire not less than 0.90mm dia or securing with clips including pinning in existing brick wall (Make TATA/Jindal/SAIL)	Cu ft	55
6	Plaster :- Supply & laying 12 mm thick Cement plaster over entire surface other than tilling surface with cement mortar ratio 1::4 (1 Cement:4 fine sand)	Sq ft	950
7	Floor tiles : Providing & Fixing of 8 to 10 mm thick approved quality polished antiskid vitrified tiles of size 600 mm X 600 mm (Make:Somany/Bajaj/Kajaria) laid to the desire flat ran slope & colour on 20 mm thick 1.3 ration cement mortar (1 cement : 3 coarse sand) with grey cement slurry as directed by school management	Sq ft	110
8	Wall tiles Internals :- S/F of 1 st quality ceramic glazed wall tiles (300 mm x 450 mm) confirming to IS 15622 on wall having approved shade, colour of general size, make : Somany/Bajaj/Kajaria) laid to the desire pattern, slop & colour on 20 mm thick 1:3 ratio cement mortar (1 cement : 3 coarse sand) with grey cement slurry up to the height of 10 ft internal Area)	Sq ft	580
9	Paint & whitewash :- S/applying approved Quality whitewash and emulsion Paint of approved shade /colour and quality (3 in 1), shade to give a smooth finish on the surfaces with filling materials (putty), scrapping, sand papering, scaffolding above wall tiles . etc. complete including all other necessary related works as per specifications and schedule as per drawing or as directed by school administration.	Sq ft	460
10	Aluminium Doors and Ventilations : Supply and fixing powder coated aluminium doors windows , ventilators with extruded builtup standard tubular sections and others . Door size (2100 mm/X 7S0mm) , Ventilations 450 X 450 mm)	Sq ft	25

B	Electrification Works		
11	Supply and Making of wiring for light Point with 1.5 sq mm / 1100 V grade FR PVC insulated unsheathed multi stranded copper conductor concealed in wall/floor with 25 mm dia PVC conduit and making good to surface- complete. fitted with moulded switch socket with GI Box Make : Anchor/Finplex/Havells/RR/Grandlav/Aura	Points	4
12	Supply and Fixing of LED TUBE LIGHT of 20 watt with proper wiring	Nos	2
13	Supply and Fixing of exhaust fan heavy duty 300 mm with louvers openings with suitable fixing arrangement. Make: Anchor/Crompton/ Bajaj/ Havells	Nos	1
C	Plumbing Works:-		
14	Water Storage Tank: Providing and fixing of 3 layers water storage tank 1000 Liter (make Branded) kept above the terrace with complete GI fittings, joints elbow nipples, flat valve. Kept on foundation etc.	Nos	1
15	EWC :- Providing and Fixing of EWC seats (Make: Cera/ Hindware) with complete fitting.	Nos	2
16	IWC (indian):- Providing and Fixing of Indian water closet seat with manual control device ,orrisa pattern (Make: Cera/ Hindware) with complete fitting.	Nos	1
17	WASH BASIN :- Providing and Fixing of Modern Wash Basin with marble top and aluminum partition. Washbasin white Vitreous China vowel type basin with a pair of 15 mm pillar cock ,C.P. brass pillar taps, C.I. brackets, C.P. brass waste pipe of standard pattern, including fittings , cutting and making of unit operational & wherever require for (Make: Cera /equivalent)	Nos	2
18	Modular Toilet Cabin : Supply & Fixing of factory made PVC Modular Toilet Cabin of HPL board with door having dimensions size (750X1800 iTtM) With some design of approved shade & colour complete fittings	Nos	3
19	Supply and fix PVC (SWR) pipes :- P/F of rigid pvc drain & rain water pipe confirming to IS 13592 Type A , 110 mm bore in any length, with rubber ring joints, laid in trenched or in floor or in wall and hunching with PCC 1: 3: 6 type C	mtr	15
20	Supply and fix PVC (SWR) P or S trap, 110 mm elbow bends ,sockets Elbow bore in any position and fixed with cement concrete(. complete work). Make: Prince/Supreme/Universal	Pcs	40
21	Supply and fix SWR drain pipe, 110 mm dia (Inner dia) laid in trenches, jointed, connected to Manholes including concrete bed to drain pipes including packing under, hunching against the sides of pipes after they are laid and tested COMDlete	Mtr	10
22	Liquid Soap Disperse : Supply and fixing of Liquid Soap Dispenser.	Nos	1
23	Towel RACK :- Providing and fixing SS towel rack of 2 ft	Nos	1
24	Mirror : - P/ Fixing of decorative type looking Mirror of size 2 x 4 ft with PVC/ Wooden frame, fixed on wall with proper fittings	Sq ft	12