

BOQ FOR GUEST ROOM TOILET RENOVATION WORK						
AT DAV PUBLIC SCHOOL, BEGUSARAI						
FOR FINANCIAL APPROVAL ONLY						
SL.NO		DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	15.23.1	For thickness of tiles 10 mm to 25 mm	Sqm	26.66		
2	15.2	Demolishing cement concrete including disposal of material within 50 metre lead:				
	15.2.1	1:3:6 or richer mix	Cum	0.24		
3	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	24.52		
4	2.6	Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well es 10 sqm on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed.				
	2.6.1	All Kinds of soil	Cum	1.05		
5	15.60	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.	Cum	26.47		
6	22.3	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C. kitchen and the like consisting of: (i) 1st course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions. (ii) 2nd course of 20 mm cement plaster 1:3 (1 cement:3 coarse sand) mixed with water proofing compound in recommended proportion, (iii) 3rd course of applying blown or/residual bitumen applied hot at 1.7 kg. per sqm of area, (iv) 4th course of 400 micron thick PVC sheet.(Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).	Sqm	3.25		
7	derived from 2.39 MR	Supply and stacking of Fly ash conforming to IRC- 58 at site, excluding carriage, loading , unloading & stacking up to any lead (measured stacks will be reduced by 20% for payment).	job	1.00		
8	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering all work upto plinth level				
	4.1.3	1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate 20 mm nominal size)	Cum	0.25		

9	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) 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 12 mm thick bed of cement Motar 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete	Sqm	26.57		
10	11.38	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of ist quality conforming to IS : 15622 of approved make in colours such shades except white , Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement motar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	Sqm	3.25		
11	13.11	Cement plaster in course sand				
	13.11.4	1:6(1 cement: 6 coarse sand)	Sqm	26.57		
12	13.92	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:				
	13.92.1	Two or more coats on new work	Sqm	3.25		
13	MR	Providing and fixing all fixtures of PHE work including pipes, rubber, etc. all necessary item all including plumber wages complete.	Job	1.00		
	A	SANITARY INSTALLATION				
14	SOR 17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lif, 10 litre low level white vitreous china flushing cistern & C.P flush bend with fittings & C.I brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required:				
	17.3.1	W.C pan with ISI marked white solid plastic seat and lid	Each	1.00		
15	SOR 17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430 x 260 x 350 mm and 340 x 410 x 265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions G.I. clamps, complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:				
	17.4.3	Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern	Each	1.00		
16	SOR 8.10	Providing and fixing stone slab table rubbed, edges rounded and polished of size 75x50 cm deep and 1.8cm thick fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4(1 cement: 2 coarse sand: 4 graded stone aggregate 6mm nominal size) as per direction of Engineer-in-charge and finished smooth.				
	8.10.1	White Agaria Marble Stone	Sqm	1.48		

17	MR	Providing and fixing counter basin size- (mm) 190x550x430 (Jaquar,CAT NO- FLS-wht-5701) including fixing and all accessories as per manufacturers specification and direction of Engineer-in-charge.	Each	1.00		
17	SOR 17.31	Providing and fixing 600X450mm beveled edge mirror of superior glass complete with 6mm thick hard board ground fixed to wooden cleats with CP brass screws & washers complete.	Each	1.00		
18	SOR 17.34	Providing and fixing Toilet Paper holder				
	17.34.2	Vitreous china	Each	1.00		
19	SOR 17.70	Providing and fixing PTMT Bottle Trap for Wash basin and sink.				
	17.70.1	Bottle trap 31mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 260 gms.	Each	1.00		
20	SOR 17.71	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour weighing not less than 105 gms.	Each	1.00		
21	SOR 17.72	Providing and fixing PTMT towel ring trapezoidal shape 215mm long, 200mm wide with a minimum distances of 37mm from wall face with concealed fittings arrangement of approved quality and colour. Weighing not less than 88 gms.	Each	1.00		
22	MR	Providing and fixing PVC Soil ,Waste & vent pipes all complete				
		110 mm dia	metre	10.00		
		40 mm dia	metre	5.00		
23	MR	Providing and fixing PVC fittings all complete as/specification & direction of E/I				
		110 mm vent cowel	Each	2.00		
		110 mm plain bend	Each	2.00		
		110 mm door bend	Each	2.00		
		110 mm dia X 45 Bend	Each	2.00		
		110 X 110 mm dia plain - y	Each	2.00		
		110 X 110 mm dia door tee	Each	2.00		
		110 X 110 mm dia plain tee	Each	2.00		
		110 mm pipe clip	Each	2.00		
		110 X110 mm dia p-trap	Each	2.00		
		40 mm elbow	Each	2.00		
		40 mm plain tee	Each	2.00		
	B	WATER SUPPLY				
24	SOR 18.7	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.	Metre	2.25		
		Internal work - Exposed on wall	Metre	4.50		
	18.7.2	20 mm Nominal outer dia pipes	Metre	2.00		
	18.7.3	25 mm Nominal outer dia pipes	Metre	2.50		
	18.7.4	32 mm Nominal outer dia pipes	Metre	3.00		

	18.7.5	40 mm Nominal outer dia pipes				
	18.7.6	50 mm Nominal outer dia pipes				
25	SOR 18.8	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.	Metre	3.75		
		Concealed work, including cutting chases and making good the	Metre	6.00		
	18.8.1	15 mm Nominal outer dia pipes	Metre	6.00		
	18.8.2	20 mm Nominal outer dia pipes				
	18.8.3	25 mm Nominal outer dia pipes	Each.	1.00		
26	SOR. 18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality.	Each.	1.00		
	18.17.2	32 mm Nominal bore				
	18.17.3	40 mm Nominal bore				
27	SOR 18.21	Providing and fixing uplasticised PVC connection pipe with brass unions.	Each.	3.00		
	18.21.2	45 cm length				
	18.21.2.1	15 mm Nominal bore	Each.	2.00		
28	SOR 18.46	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc.	Each.	2.00		
	18.46.4	32 mm dia. Nominal bore				
	18.46.5	40 mm dia. Nominal bore	Job	1.00		
		C.P. BRASS FITTINGS				
29	MR	Providing and fixing C.P. brass shower rose including all connection items or necessary item all complete as per direction of E/I.	Each	1.00		
30	SOR 18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS :8931.				
	18.49.1	15 mm Nominal bore	Each	1.00		
31	SOR 18.53	Providing and fixing C.P brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	18.53.1	15 mm Nominal bore				
32	SOR 18.58	Providing and fixing PTMT grating of approved quality and colour.	Each	1.00		
	18.58.2	Rectangular type with openable circular lid				
	18.58.2.1	150 mm nominal size square 100 mm diameter of the inner hinged round grating				
		TOTAL				
		Note:-				
	1)	Rate inclusive of All Taxes				