	BOQ & SPECIFICATIONS FOR RENOVATION OF TOILETS AT AD	MINISTR	ATIVE O	FFICE, GW	
S.NO	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
Α	GROUND FLOOR TOILET WORK'S				
1	WALL TILES				
	Providing & Fixing at site Ist quality 6.0-8.0mm thick Glazed ceramic DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall include all materials, labour, materials, etc complete.		SQM		
2	FLOOR TILES				
	Providing & Fixing at site approved color and shade, group-3 Antiskid 16" x 16" x 8.0mm ceramic floor tiles to be fixed over the floor surface after removing of existing floor in 1:3 cement mortar including all labour, materials, etc complete.		SQM		
3	EUROPEAN W.C WALL HUNG WITH CONCEALED WATER TANK FOR TOILETS				
	Providing and fixing at site wall hung European WC with Concealed Water tank of Hindware, Parry / Kohlar, jacquar make, including all the necessary work to conceal the water tank, including flushing buttons, erection of Brick wall to conceal the tank all materials, labour necessary accessories etc complete.		NOS		
4	HEALTH FAUCET				
	Providing & Fixing at site Toilet Health Fauce with wall hook, 8mm diameter and 1.2 meter flexible pipe including all fittings, material, labour etc complete. Plumber, jacquar make as per the site requirement etc complete.	4 00	NOS		
5	WASH BASIN COUNTER TYPE				
	Providing & Fixing at site Under Table Counter type Wash basin of oval or approved shape size, to be fixed in Black coloured Granite Platform with push button type Long body Bib cocks off Parko, Plumber, Jacquar make including CP heavy duty fittings all accessories such as PVC connection, Angle cock all materials, labour, 'materials, etc complete Excluding cost of Black granite counter top to be paid seperatly.	8.00	NOS		
6	CPVC PIPE				
-	Providing & fixing at site CPVC pipe of 2.0mm wall thickness Class to be fixed in walls including all accessories after making Necessary chases in the existing Brick Work, fixing of pipe and making chases good including all accessories labour, materials, etc complete.				
	20 mm nominal outer dia Pipes	30.00	MTR		
	25 mm nominal outer dia Pipes	50.00	MTR		
7	BIB COCK & ANGLE COCK				
	Providing & Fixing at site heavy duty Quarter turn foam flow Bib cocks, with ceramic disc angle cock & other taps of Parko, Plumber, jacquar make as per the site requirement etc complete.	14.00	NOS		
8	MIRROR				

	Providing and fixing at site 5.0mm thick plain reflective mirror mirror of given size to be fixed at site with 12.0mm BWP ply backing and to 25 x 50mm teak wood frame duly finish with melamine polish to match the tile color including all materials, labour etc complete		SQM	
0				
9	URINAL WITH ELECTRONIC SENSOR Providing & Fixing at site white Flat full back Urinal pot with electronic sensor of Standard size (580 x 380 x 350) or as per approved make to be fixed at site including waste coupling, necessary PVC waste pipe, all fittings accessories, labour etc complete. Of Hindware, parry, Kohlar, Jacquar or EQ make	2.00	NOS	
10	C.I WASTE PIPE			
	Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 :including lead caulked joints to spun iron or C.I. pipes and specials,including testing of joints , all fitting , material , labour etc comple		DM	
	100 mm dia pipe	20.00	RM	
11	TOWEL RING			
	Providing and fixing at site towel ring Stainless Steel heavy duty to be fixed at site with metallic Anchor fasteners etc complete.	4.00	NOS	
12	NAHANI TRAP			
	Providing and fixing at site 100mm inlet/75mm outlet nahani trap heavy duty PVC of approved make including stainless steel jali, including all materials, labour etc complete.	5.00	NOS	
13	Dismantling of existing plaster, floor , wall tiles of the toilets and toilet seats, throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.	126.00	SQM	
14	ALUMINUM PANEL Powder coated DOOR with Aluminium Frame FOR W.C & BATH			
	Providing and fixing Powder coated Aluminum door with Aluminium Frame, The door shutter is of aluminium door section frame with 12.0mm HDF(water proof board) as panel having laminated finish on both the sides with approved pattern and design including all fittings, accessories labour etc complete		SQM	
15				
15	FLUSH DOOR Providing and fixing at site flush doors 30mm thick BWP grade flush doors to be fixed at site with SS Finished 100mm heavy duty hinges and door closers, with 1.0mm thick approved shade of textured laminated finish on both the sides, in the given pattern, with cylindrical mortice lock SS finished/ anodised shall include all the labour, materilas, etc complete.	12.00	SQM	
16	GRANITE WORK FOR WASH BASIN & Urinal partitions			
	Providing and fixing at site Black coloured 25mm thick Granite stone with edge moulding, including fixing of wash basin over platform & Urinal partitions including all base support fixed including all materials, labour etc complete	8.00	SQM	
47				
17	UPVC VENTILATION			

	Providing and fixing Finesta or Equivalent Make sliding/Louvers type U.P.V.C. Ventilation Including frame, and 38mm thick shutter frame with 6.0mm thick Glass panes, with provision of Exhust fan per the given design & drawing, including cost of materials, all accessories, locking arrangement labour etc complete.		SQM	
18	<b>POP PUNNING</b> Scraping of old paint/ distemper wherever necessary from the existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor, materials, etc complete.	30.00	SQM	
19	ACRYLIC EMULSION PAINT			
	Applying one coat of cement premier and applying two or more coats of Acrylic emulsion Royale/ Velvet touche to be applied over the punning area with roller to give desired smooth finish, including one coat of Birla Putty properly sand papered to give a neat smooth & silky finish, the cost shall include all materials, labour etc complete.	30.00	SQM	
20	SYNTHETIC ENAMEL PAINT			
	Two or more coats of approved shade synthetic enamel including one base coat of steel/ wooden primer over the existing wooden/ steel surfaces, with brush after cleaning & scrapping by wire brushing. Including all materials, labour etc complete.		SQM	
21	OIL BOND DISTEMPER Two or more coats of Acrylic oil bond distemper with brush over the existing wall surfaces, after scrapping the existing finish, applying one coat of cement premier and one coat of putty to repair the wall as per the site condition including all materials, labour etc complete.		SQM	
22	Dismantling & excavation of existing duct filling of the toilets and throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.		CUM	
23				
	WATER PROOFING FOR TOILET DUCT Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C.,and toilet the like consisting of :			
	(i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) IVth 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).	25.00	SQM	
0.4				
24	FILLING WITH BRICK BATS			

	Filling & Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs and finishing top with water proofing compound including all material, labour etc complete.	12.00	СИМ	
	TOTAL AMOUNT FOR GROUND FLOOR (A)			
В	FIRST_FLOOR TOILET WORK'S			
1	WALL TILES			
	Providing & Fixing at site Ist quality 6.0-8.0mm thick Glazed ceramic DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall include all materials, labour, materials, etc complete.		SQM	
2	FLOOR TILES			
	Providing & Fixing at site colored 16" x 16" x 8.0mm anti skid ceramic floor tiles to be fixed over the floor surface after removing of existing floor in 1:3 cement mortar including all labour, materials, etc complete.	44.00	SQM	
3	EUROPEAN W.C WALL HUNG WITH CONCEALED WATER TANK			
	Providing and fixing at site wall hung European WC with Concealed Water tank of Hindware, Parry / Kohlar, jacquar make, including all the necessary work to conceal the water tank, including flushing buttons, erection of Brick wall to conceal the tank all materials, labour necessary accessories etc complete.		NOS	
4	HEALTH FAUCET			
	Providing & Fixing at site Toilet Health Fauce with wall hook, 8mm diameter and 1.2 meter flexible pipe including all fittings, material, labour etc complete. Plumber, jacquar make as per the site requirement etc complete.	6.00	NOS	
5	INDIAN W.C			
	Providing & fixing at site Light colored Ist quality Indian orrissa pan of Standard size (580 x 440) Indian WC including Light colored and matching pvc low level water tank (10 lt,) of Hindware/ Parryware/ RAK make Ist quality, including fixing at site with all necessary accessories, all materials, labour etc complete.	2.00	NOS	
6	WASH BASIN under counter type			

	Providing & Fixing at site Under Table Counter type Wash basin of oval or approved shape size, to be fixed in Black coloured Granite Platform with push button type Long body Bib cocks off Parko, Plumber, Jacquar make including CP heavy duty fittings all accessories such as PVC connection, Angle cock all materials, labour, 'materials, etc complete Excluding cost of Black granite counter top to be paid seperatly.	9.00	NOS		
7	CPVC PIPE				
	Providing & fixing at site CPVC pipe of 2.0mm wall thickness Class to be fixed in walls including all accessories after making Necessary chases in the existing Brick Work, fixing of pipe and making chases good including all accessories labour, materials, etc complete.				
	20 mm nominal outer dia Pipes	30.00	MTR		
	25 mm nominal outer dia Pipes	40.00	MTR		
8	BIB COCK & ANGLE COCK				
	Providing & Fixing at site heavy duty Quarter turn foam flow Bib cocks, with ceramic disc angle cock & other taps of Parko, Plumber, jacquar make as per the site requirement etc complete.		NOS		
9	MIRROR Providing and fixing at site 5.0mm thick plain reflective mirror mirror of given size to be fixed at site with 12.0mm BWP ply backing and to 25 x 50mm teak wood frame duly finish with melamine polish to match the tile color including all materials, labour etc complete		SQM		
10	URINAL with electronic sensor				
	Providing & Fixing at site white Flat full back Urinal pot with electronic sensor of Standard size (580 x 380 x 350) or as per approved make to be fixed at site including waste coupling, necessary PVC waste pipe, all fittings accessories, labour etc complete. Of Hindware, parry, Kohlar, Jacquar or EQ make		NOS		
11	<b>C.I WASTE PIPE</b> Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 :including lead caulked joints to spun iron or C.I. pipes and specials,including testing of joints , all fitting , material , labour etc comple				
	100 mm dia pipe	50.00	RM		
12	TOWEL RING				
	Providing and fixing at site towel ring Stainless Steel heavy duty to be fixed at site with metallic Anchor fasteners etc complete.	7.00	NOS		
13	NAHANI TRAP			+	
	Providing and fixing at site 100mm inlet/75mm outlet nahani trap heavy duty PVC of approved make including stainless steel jali, including all materials, labour etc complete.		NOS		
14	Dismantling of existing plaster, floor , wall tiles of the toilets and toilet seats, throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.	225.00	SQM		
1					

15	ALUMINUM PANEL Powder coated DOOR with Aluminium Frame			1	
	FOR W.C & BATH				
	Providing and fixing Powder coated Aluminum door with Aluminium Frame, The door shutter is of aluminium door section frame with 12.0mm HDF(water proof board) as panel having laminated finish on both the sides with approved pattern and design including all fittings, accessories labour etc complete	14.00	SQM		
16	FLUSH DOOR				
	Providing and fixing at site flush doors 30mm thick BWP grade flush doors to be fixed at site with SS Finished 100mm heavy duty hinges and door closers, with 1.0mm thick approved shade of textured laminated finish on both the sides, in the given pattern, with cylindrical mortice lock SS finished/ anodised shall include all the labour, materilas, etc complete.	10.00	SQM		
17	GRANITE WORK FOR WASH BASIN & Urinal partitions				
	Providing and fixing at site Black coloured 25mm thick Granite stone with edge moulding, including fixing of wash basin over platform & Urinal partitions including all base support fixed including all materials, labour etc complete	15.00	SQM		
18	UPVC VENTILATION				
	Providing and fixing Finesta or Equivalent Make sliding/Luvers type U.P.V.C. Ventilation Including frame, and 38mm thick shutter frame with 6.0mm thick Glass panes, with provision of Exhust fan per the given design & drawing, including cost of materials, all accessories, locking arrangement labour etc complete.	3.00	SQM		
10					
19	POP PUNNING Scraping of old paint/ distemper wherever necessary from the				
	existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor, materials, etc complete.	55.00	SQM		
20	existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor, materials, etc complete.		SQM		
20	existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor,		SQM		
	existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor , materials, etc complete. ACRYLIC EMULSION PAINT Applying one coat of cement premier and applying two or more coats of Acrylic emulsion Royale/ Velvet touche to be applied over the punning area with roller to give desired smooth finish, including one coat of Birla Putty properly sand papered to give a neat smooth & silky finish, the cost shall include all materials, labour etc complete.	55.00			
	existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor , materials, etc complete. ACRYLIC EMULSION PAINT Applying one coat of cement premier and applying two or more coats of Acrylic emulsion Royale/ Velvet touche to be applied over the punning area with roller to give desired smooth finish, including one coat of Birla Putty properly sand papered to give a neat smooth &	55.00			
21	existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor , materials, etc complete. ACRYLIC EMULSION PAINT Applying one coat of cement premier and applying two or more coats of Acrylic emulsion Royale/ Velvet touche to be applied over the punning area with roller to give desired smooth finish, including one coat of Birla Putty properly sand papered to give a neat smooth & silky finish, the cost shall include all materials, labour etc complete. SYNTHETIC ENAMEL PAINT Two or more coats of approved shade synthetic enamel including one base coat of steel/ wooden primer over the existing wooden/ steel surfaces, with brush after cleaning & scrapping by wire brushing. Including all materials, labour etc complete.	55.00	SQM		
	existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor , materials, etc complete. ACRYLIC EMULSION PAINT Applying one coat of cement premier and applying two or more coats of Acrylic emulsion Royale/ Velvet touche to be applied over the punning area with roller to give desired smooth finish, including one coat of Birla Putty properly sand papered to give a neat smooth & silky finish, the cost shall include all materials, labour etc complete. SYNTHETIC ENAMEL PAINT Two or more coats of approved shade synthetic enamel including one base coat of steel/ wooden primer over the existing wooden/ steel surfaces, with brush after cleaning & scrapping by wire	55.00	SQM		

23       Dismantling & excavation of existing duct filling of the toilets and throwing away all the wates materials, away from the existing site including transporting the same if required all labour etc complete.       20.00       CUM         24       WATER PROOFING FOR TOILET DUCT					
Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C.,and toilet the like <ul> <li>(i) Ist course of applying cement slurry @ 4.4 kg/sgm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding of junction of vertical and horizontal surface. (ii) Ind course of 20 mm comment plaster 13 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding of junction of vertical and horizontal surface. (iii) Ilrd course of applying blown or residual bitumen applied hot at 1.7 kg, per sgm of area. (iv) IVth course of 400 micron thick PVC sheet. Should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sgm).          SOM         25       FILLING WITH BRICK BATS          Source is and admixed with water proofing compound conforming to IS : 2454 and approved by Engineer-in-charge a dmixed with water proofing compound conforming to IS : 2454 and approved by Engineer-in-charge admixed with water proofing compound including rounding of junctions of walls and siabs and finishing top with water proofing compound including all material, labour etc complete.          CUIM         C       SECOND FLOOR TOILET WORK'S          SOM          SOM         1       WALL TILES          SOM          SOM         2       FLOOR TILES          SOM          SOM         3       EUROPEAN WC WALL HUNG WITH CONCEALED WATER TANK FOR Concealed Water tank of Hindware, Parry I Kohlar, jacquar make, including all habour, materials, etc complete.          SOM</li></ul>	23	throwing away all the waste materials, away from the existing site		CUM	
Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C.,and toilet the like <ul> <li>(i) Ist course of applying cement slurry @ 4.4 kg/sgm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding of junction of vertical and horizontal surface. (ii) Ind course of 20 mm comment plaster 13 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding of junction of vertical and horizontal surface. (iii) Ilrd course of applying blown or residual bitumen applied hot at 1.7 kg, per sgm of area. (iv) IVth course of 400 micron thick PVC sheet. Should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sgm).          SOM         25       FILLING WITH BRICK BATS          Source is and admixed with water proofing compound conforming to IS : 2454 and approved by Engineer-in-charge a dmixed with water proofing compound conforming to IS : 2454 and approved by Engineer-in-charge admixed with water proofing compound including rounding of junctions of walls and siabs and finishing top with water proofing compound including all material, labour etc complete.          CUIM         C       SECOND FLOOR TOILET WORK'S          SOM          SOM         1       WALL TILES          SOM          SOM         2       FLOOR TILES          SOM          SOM         3       EUROPEAN WC WALL HUNG WITH CONCEALED WATER TANK FOR Concealed Water tank of Hindware, Parry I Kohlar, jacquar make, including all habour, materials, etc complete.          SOM</li></ul>	0.4				
water proofing compound: conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal asurface. (iii) lind course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal and pasted to each other with bitumen @ 1.7 kg/segm).       45.00       SQM         25       FILLING WITH BRICK BATS FIIIng & Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 30 mm height including rounding of junctions of walls and slabs and finishing top with water proofing compound including all material, labour etc complete.       C UM         1       WALL TILES	24	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., and toilet the like			
Filling & Laying brick bats with mortar using broken bricks/brick bats         25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5         coarse sand) admixed with water proofing compound conforming to         IS : 2645 and approved by Engineer-in-charge admixed with water         project-in-charge to required slope and treating similarly the         adjoining walls upto 300 mm height including rounding of junctions of         walls and slabs and finishing top with water proofing compound         including all material, labour etc complete.         C         SECOND FLOOR TOILET WORK'S         1         WALL TILES         Providing & Fixing at site 1 <sup>st</sup> quality 6.0-8.0mm thick Glazed ceramic         DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on         walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall         include all materials, labour, materials, etc complete.         2       FLOOR TILES         Providing & Fixing at site colored 16" x 16" x 8.0mm anti skid ceramic         floor tiles to be fixed over the floor surface after removing of existing         40.00       SQM         3       EUROPEAN W.C WALL HUNG WITH CONCEALED WATER TANK         Providing and fixing at site wall hung European WC with Concealed         Water tank of Hindware, Parry / Kohlar, jacquar make, including all         the necessary work to con		water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide	45.00	SQM	
Filling & Laying brick bats with mortar using broken bricks/brick bats         25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5         coarse sand) admixed with water proofing compound conforming to         IS : 2645 and approved by Engineer-in-charge admixed with water         project-in-charge to required slope and treating similarly the         adjoining walls upto 300 mm height including rounding of junctions of         walls and slabs and finishing top with water proofing compound         including all material, labour etc complete.         C         SECOND FLOOR TOILET WORK'S         1         WALL TILES         Providing & Fixing at site 1 <sup>st</sup> quality 6.0-8.0mm thick Glazed ceramic         DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on         walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall         include all materials, labour, materials, etc complete.         2       FLOOR TILES         Providing & Fixing at site colored 16" x 16" x 8.0mm anti skid ceramic         floor tiles to be fixed over the floor surface after removing of existing         40.00       SQM         3       EUROPEAN W.C WALL HUNG WITH CONCEALED WATER TANK         Providing and fixing at site wall hung European WC with Concealed         Water tank of Hindware, Parry / Kohlar, jacquar make, including all         the necessary work to con	25	FILLING WITH BRICK BATS			
C       SECOND FLOOR TOILET WORK'S       Image: constraint of the second		Filling & Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs and finishing top with water proofing compound	20.00	СИМ	
C       SECOND FLOOR TOILET WORK'S       Image: constraint of the second					
1       WALL TILES         Providing & Fixing at site 1 <sup>st</sup> quality 6.0-8.0mm thick Glazed ceramic DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall include all materials, labour, materials, etc complete.       165.00         2       FLOOR TILES		TOTAL AMOUNT FOR FIRST FLOOR (B)	-		
1       WALL TILES         Providing & Fixing at site 1 <sup>st</sup> quality 6.0-8.0mm thick Glazed ceramic DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall include all materials, labour, materials, etc complete.       165.00         2       FLOOR TILES	С	SECOND ELOOR TOU ET WORK'S			
Providing & Fixing at site 1 <sup>st</sup> quality 6.0-8.0mm thick Glazed ceramic DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall include all materials, labour, materials, etc complete.       165.00       SQM         2       FLOOR TILES Providing & Fixing at site colored 16" x 16" x 8.0mm anti skid ceramic floor tiles to be fixed over the floor surface after removing of existing floor in 1:3 cement mortar including all labour, materials, etc complete.       40.00       SQM         3       EUROPEAN W.C WALL HUNG WITH CONCEALED WATER TANK FOR TOILETS       6.00       NOS         Providing and fixing at site wall hung European WC with Concealed Water tank of Hindware, Parry / Kohlar, jacquar make, including all the necessary work to conceal the water tank, including flushing buttons, erection of Brick wall to conceal the tank all materials, labour necessary accessories etc complete.       6.00       NOS	•				
DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall include all materials, labour, materials, etc complete.       165.00       SQM         2       FLOOR TILES	1	WALL TILES			
Providing & Fixing at site colored 16" x 16" x 8.0mm anti skid ceramic floor tiles to be fixed over the floor surface after removing of existing floor in 1:3 cement mortar including all labour, materials, etc complete.       40.00       SQM         3       EUROPEAN W.C WALL HUNG WITH CONCEALED WATER TANK FOR TOILETS       40.00       SQM         Providing and fixing at site wall hung European WC with Concealed Water tank of Hindware, Parry / Kohlar, jacquar make, including all the necessary work to conceal the water tank, including flushing buttons, erection of Brick wall to conceal the tank all materials, labour necessary accessories etc complete.       6.00       NOS		DIGITAL pattern colored tiles of size 450 x 600mm to be fixed on walls of toilet with 1:3 cement mortar/ tile adhesive the cost shall		SQM	
Providing & Fixing at site colored 16" x 16" x 8.0mm anti skid ceramic floor tiles to be fixed over the floor surface after removing of existing floor in 1:3 cement mortar including all labour, materials, etc complete.       40.00       SQM         3       EUROPEAN W.C WALL HUNG WITH CONCEALED WATER TANK FOR TOILETS       40.00       SQM         Providing and fixing at site wall hung European WC with Concealed Water tank of Hindware, Parry / Kohlar, jacquar make, including all the necessary work to conceal the water tank, including flushing buttons, erection of Brick wall to conceal the tank all materials, labour necessary accessories etc complete.       6.00       NOS					
FOR TOILETS       Forviding and fixing at site wall hung European WC with Concealed         Water tank of Hindware, Parry / Kohlar, jacquar make, including all       6.00         the necessary work to conceal the water tank, including flushing       6.00         buttons, erection of Brick wall to conceal the tank all materials, labour       6.00         necessary accessories etc complete.       0	2	Providing & Fixing at site colored 16" x 16" x 8.0mm anti skid ceramic floor tiles to be fixed over the floor surface after removing of existing floor in 1:3 cement mortar including all labour, materials, etc	40.00	SQM	
Providing and fixing at site wall hung European WC with Concealed Water tank of Hindware, Parry / Kohlar, jacquar make, including all the necessary work to conceal the water tank, including flushing buttons, erection of Brick wall to conceal the tank all materials, labour necessary accessories etc complete.	3				
4         HEALTH FAUCET		Providing and fixing at site wall hung European WC with Concealed Water tank of Hindware, Parry / Kohlar, jacquar make, including all the necessary work to conceal the water tank, including flushing buttons, erection of Brick wall to conceal the tank all materials, labour	6.00	NOS	
4 HEALTH FAUCET					
	4	HEALTH FAUCET			

	Providing & Fixing at site Toilet Health Fauce with wall hook, 8mm diameter and 1.2 meter flexible pipe including all fittings, material,	6.00	NOS	
	labour etc complete. Plumber, jacquar make as per the site requirement etc complete.			
5	INDIAN W.C			
	Providing & fixing at site Light colored Ist quality Indian orrissa pan of Standard size (580 x 440) Indian WC including Light colored and matching pvc low level water tank (10 lt,) of Hindware/ Parryware/ RAK make Ist quality, including fixing at site with all necessary accessories, all materials, labour etc complete.	2.00	NOS	
6	WASH BASIN under counter type			
	Providing & Fixing at site Under Table Counter type Wash basin of oval or approved shape size, to be fixed in Black coloured Granite Platform with push button type Long body Bib cocks off Parko, Plumber, Jacquar make including CP heavy duty fittings all accessories such as PVC connection, Angle cock all materials, labour, 'materials, etc complete Excluding cost of Black granite counter top to be paid seperatly.	7.00	NOS	
7	CPVC PIPE			
	Providing & fixing at site CPVC pipe of 2.0mm wall thickness Class to be fixed in walls including all accessories after making Necessary chases in the existing Brick Work, fixing of pipe and making chases good including all accessories labour, materials, etc complete.			
	20 mm nominal outer dia Pipes	30.00	MTR	
	25 mm nominal outer dia Pipes	40.00	MTR	
8	BIB COCK & ANGLE COCK			
	Providing & Fixing at site heavy duty Quarter turn foam flow Bib cocks, with ceramic disc angle cock & other taps of Parko, Plumber, jacquar make as per the site requirement etc complete.	25.00	NOS	
9	MIRROR Providing and fixing at site 5.0mm mirror to be fixed at site with 12.0mm BWP ply backing and to 25 x 50mm teak wood frame duly painted to match the tile color including all materials, labour etc complete.	3.00	SQM	
10	LIBINAL with electronic sonsor			
10	URINAL with electronic sensor Providing & Fixing at site white Colored Flat full back Urinal pot with electronic sensor of Standard size (580 x 380 x 350) including fixing of quarter turn heavy duty stopcock of Parko or equivalent make over each urinal for flushing purposes to be fixed at site including waste coupling, necessary PVC waste pipe, all fittings accessories, labour etc complete. Of hindusthan, parry, Kohlar or EQ make	6.00	NOS	
11	C.I WASTE PIPE			
	Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 :including lead caulked joints to spun iron or C.I. pipes and specials,including testing of joints , all fitting , material , labour etc comple			
	100 mm dia pipe	60.00	RM	

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	Providing and fixing at site towel ring Stainless Steel heavy duty to be fixed at site with metallic Anchor fasteners etc complete.	7.00	NOS		
10					
13	NAHANI TRAP Providing and fixing at site 100mm inlet/75mm outlet nahani trap heavy duty PVC of approved make including stainless steel jali, including all materials, labour etc complete.		NOS		
14	Dismantling of existing plaster, floor , wall tiles of the toilets and toilet seats, throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.	200.00	SQM		
15	ALUMINUM PANEL Powder coated DOOR with Aluminium Frame FOR W.C & BATH				
	Providing and fixing Powder coated Aluminum door with Aluminium Frame, The door shutter is again of aluminium door section frame with 12.0mm HDF(water proof board) as panel having laminated finish on both the sides with approved pattern and design including all fittings, accessories labour etc complete		SQM		
16	FLUSH DOOR				
	Providing and fixing at site flush doors 30mm thick BWP grade flush doors to be fixed at site with SS Finished 100mm heavy duty hinges and door closers, with 1.0mm thick approved shade of textured laminated finish on both the sides, in the given pattern, with cylindrical mortice lock SS finished/ anodised shall include all the labour, materilas, etc complete.	8.00	SQM		
17	GRANITE WORK FOR WASH BASIN & Urinal partitions				
	Providing and fixing at site Black coloured 25mm thick Granite stone with edge moulding, including fixing of wash basin over platform & Urinal partitions including all base support fixed including all materials, labour etc complete	15.00	SQM		
18	UPVC VENTILATION				
	Providing and fixing Finesta or Equivalent Make sliding/Luvers type U.P.V.C. Ventilation Including frame, and 38mm thick shutter frame with 6.0mm thick Glass panes, with provision of Exhust fan per the given design & drawing, including cost of materials, all accessories, locking arrangement labour etc complete.	3.00	SQM		
19	POP PUNNING				
	Scraping of old paint/ distemper wherever necessary from the existing walls, and applying of 4.0 to 8.0 mm thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor, materials, etc complete.		SQM		
20	ACRYLIC EMULSION PAINT				
-	Applying one coat of cement premier and applying two or more coats of Acrylic emulsion Royale/ Velvet touche to be applied over the punning area with roller to give desired smooth finish, including one coat of Birla Putty properly sand papered to give a neat smooth & silky finish, the cost shall include all materials, labour etc complete.	50.00	SQM		
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1       Two or more coats of approved shade synthetic enamel including one base coat of steel/ wooden primer over the existing wooden' steel surfaces, with brush after cleaning & scrapping by wire       20.00       SOM         22       OIL BOND DISTEMPER Two or more coats of Acrylic oil bond distemper with brush over the existing wall surfaces, after scrapping the existing finish, applying one coat of cement premier and one coat of putty to repair the wall as per the site condition including all materials, labour etc complete.       40.00       SOM         23       Dismantling & excavation of existing duct filling of the toilets and throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.       18.00       CUM         24       WATER PROOFING FOR TOILET DUCT       18.00       CUM         24       WATER PROOFING FOR TOILET DUCT       40.00       SOM         25       Fulculary water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., and toilet the like consisting of :       40.00       SOM         26       FULLING WITH BRICK BATS       40.00       SOM       SOM         27       Dismantling and laying outer proofing creatent blaster 13 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (ii) lind course of applying blown or residue blown or mexidue blown or mexidue blown or mexidue blown or mexidue blown or pooling compound conforming to theore steplowing blown or residue blown ore mexidue	21	SYNTHETIC ENAMEL PAINT			
Two or more coats of Acrylic oil bond distemper with brush over the existing wall surfaces, after scrapping the existing finish, applying one coat of cement premier and one coat of putty to repair the wall as per the site condition including all materials, labour etc complete.       40.00       SQM         23       Dismantling & excavation of existing duct filling of the toilets and throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.       18.00       CUM         24       WATER PROOFING FOR TOILET DUCT       18.00       CUM         Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., and toilet the like consisting of :       18.00       CUM         (i) Ist course of applying cement slury @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportion including rounding off junction of vertical and horizontal surface. (ii) Ill course of 20 mm cement plaster 1.3 (1 cement : 3 coarse sand) mixed with water proofing compound or residual bitumen applied hot at 1.7 kg, per sqm of area. (iv) IVth 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         25       FILLING WITH BRICK BATS       18.00       CUM         Filling & Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound including al	21	Two or more coats of approved shade synthetic enamel including one base coat of steel/ wooden primer over the existing wooden/ steel surfaces, with brush after cleaning & scrapping by wire	20.00	SQM	
Two or more coats of Acrylic oil bond distemper with brush over the existing wall surfaces, after scrapping the existing finish, applying one coat of cement premier and one coat of putty to repair the wall as per the site condition including all materials, labour etc complete.       40.00       SQM         23       Dismantling & excavation of existing duct filling of the toilets and throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.       18.00       CUM         24       WATER PROOFING FOR TOILET DUCT       18.00       CUM         24       WATER PROOFING FOR TOILET DUCT       18.00       CUM         25       It science of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportion including rounding off junction of vertical and horizontal surface. (ii) Ill course of applying blown or residual bitumen applied hot at 1.7 kg, per sqm of area. (iv) IVth 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).       40.00       SQM         25       FILLING WITH BRICK BATS       III.00       CUM       CUM         26       MUTH BRICK BATS       III.00       CUM       SQM         26       FILLING with BRICK BATS       III.00       CUM       SQM         26       MUTH BRICK BATS       III.00       CUM       SQM       SQM       SQM       SQM       SQM	22				
throwing away all the waste materials, away from the existing site including transporting the same if required all labour etc complete.       18.00       CUM         24       WATER PROOFING FOR TOILET DUCT		Two or more coats of Acrylic oil bond distemper with brush over the existing wall surfaces, after scrapping the existing finish, applying one coat of cement premier and one coat of putty to repair the wall as per	40.00	SQM	
Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C.,and toilet the like consisting of :       Image: Construct the like consisting of the like consisting the like consis the like consisting the like consisting th	23	throwing away all the waste materials, away from the existing site		CUM	
Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C.,and toilet the like consisting of : <ul> <li>(i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) Ilnd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) Illrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) IVth course of 400 micron thick PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).           25         FILLING WITH BRICK BATS         Image: Signal approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound including all material, labour etc complete.         18.00         CUM               Walls and slabs and finishing top with water proofing compound including all material, labour etc complete.             Image: Signal approved by Signal approved by Signal and slabs and finishing top with water proofing compound including all material, labour etc complete.</li></ul>	24				
water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg, per sqm of area. (iv) IVth 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).       40.00       SQM         25       FILLING WITH BRICK BATS		Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., and toilet the like			
Filling & Laying brick bats with mortar using broken bricks/brick bats       25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs and finishing top with water proofing compound including all material, labour etc complete.       CUM         TOTAL AMOUNT FOR SECOND FLOOR (C)       Image: Compound compound compound compound compound compound complete.       Image: Compound		water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide	40.00	SQM	
Filling & Laying brick bats with mortar using broken bricks/brick bats       25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs and finishing top with water proofing compound including all material, labour etc complete.       18.00       CUM         TOTAL AMOUNT FOR SECOND FLOOR (C )	05				
	25	Filling & Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs and finishing top with water proofing compound	18.00	СЛМ	
GRAND TOTAL (A+B+C) EXCL. GST*		TOTAL AMOUNT FOR SECOND FLOOR (C)			
		GRAND TOTAL (A+B+C) EXCL. GST*			

\* GSAT SHALL BE PAID EXTRA AS APPLICABLE.

SEAL/SIGN OF THE FIRM