

**Dated: 07/02/2024**

**TENDER NOTICE**

A sealed tender is invited for DAV Public School, Dayanand Vihar, Near Bijouli More, Aurangabad for repairing and renovation of existing Toilets. A reputed contractor having licence of Civil construction is requested to fill up B.O.Q. The same is available in School website [davaurangabad.org](http://davaurangabad.org)/ School office during office hours.

The above work should be done as per the drawing and design made by the Architect against the terms of conditions. Last date for submission of Bid is **19/02/2024**.

**PRINCIPAL**

# M/S HAPPY AND ASSOCIATES

ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS

Add:- Near Hindustan Press, Cotton Mill, Gaya - 823001 (Bihar)

Mob. No. 7739269750, 700467722 / Email : happyandassociate@gmail.com, Website : www.happysgroup.com

**BOQ FOR SCRAPPING OFF OLD TOILET AND REDEVELOPING NEW GIRLS TOILET AND STAFF ROOM ON GROUND FLOOR AT D.A.V PUBLIC SCHOOL, AURANGABAD, BIHAR**

Ref no .....

Date .....

Serial	SoR	Particulars	Quantity	Rate	Unit	Amount
		<b>AREA OF TOILET AND PASSAGE (28'9" X 21'10")</b>	<b>630.0</b>		<b>SQFT</b>	
	<b>A</b>	<b>DEMOLITION AND DISMANTLING</b>				
1	MR	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c masha Dismantling flooring and old pipelines along with p and s traps of old wc.			lumpsum	
2	15.23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles above 25 mm and upto 40 mm	35.3		sqm	
3	15.7.4	Demolishing <b>brick work</b> including stacking of serviceable material and disposal of unserviceable material within 50 meters lead. In cement mortar	14.3		Cu m	
4	15.8	Removing <b>mortar form bricks</b> and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured). From brick work in cement mortar	5.0		Cu m	
	<b>B</b>	<b>NEW WALL FOR CORRIDOR, TOILET PARTITIONS</b>				
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )			Cu m	
	6.3A	Extra for Brick work in superstructure above plinth level upto floor V. cum			Cu m	
			6.3		Cu m	
6	6.18.4A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in in : Cement mortar 1:4 (1 cement: 4 coarse sand)	5.0		Sq m	
7	13.11.4	12 mm (1:6) <b>cement Plaster</b> (Toilet wall)	282.0		Sq m	

	C	NEW FIXTURES AND PIPELINES				
		Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend.				
8	17.3.1	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 :	5.0		EACH	17
		W.C. pan with ISI marked white solid plastic seat and lid				
9	17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	3.0		EACH	
10	MR	Providing and fixing pipeline for soil and sewage for wc and urinals and connecting them to septic tank				
		plumbing work for wc	5.0		EACH	
11	18.3.3	Providing and fixing Polyethylene-Aluminium-Polyethylene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, including all special fittings of composite materials 2025 (25 mm OD ) pipe (INCLUDING INLET OUTLET)	60.0		metre	

	D	TILES WORK (WALL AND FLOOR)	630.0		SQFT
12	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.	58.6		Sq m
13	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 Mortar 1:3(1 cement: 3 coarse sand ) and jointing with grey cement skurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	49.4		Sq m
	E	<b>DOOR AND WINDOW</b>			
14	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-chargePre-laminated particle board with decorative lamination on both sides	15.0		sqm
15	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap boarding shall be paid in basic item); With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)	2.2		sqm
16	N A	Miscellaneous items and other fitting and fixture charge		lumsun	
	F	<b>PAINTING WORK (Both toilets)</b>			
17	13.78.1	Providing one coat of cement primer of approved brand and manufacture on wall surface all complete	204.0		Sq m
18	13.79.1	Providing water proof cement paint of approved brand and manufacture and of required shade to give an even shade three or more coat on new work all complete	204.0		Sq m
	G	<b>MISCELLANEOUS WORK (Both toilets)</b>			
19	N A	exhaust fan (providing and fixing)		LUMSUM	
20	N A	Shower,taps etc		LUMSUM	
21	NA	wall mounted steel handles for support (in running feet) (IN HANDICAP TOILET)	30.0		running feet
			<b>TOTAL</b>		

SAY TOTAL - .....

Rates are inclusive of G.S.T.

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	<b>A</b>	<b>DEMOLITION AND DISMANTLING</b>				
1	MR	Dismantling W.C. Pan of all sizes including disposal of dismantled materials Wc malbaDismantling flooring and old pipelines along with p and s traps of old wc. (THROUGH 1ST TO GROUND FLOOR)			lumpsum	
2	15.23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.For thickness of tiles above 25 mm and upto 40 mm	35.3		sqm	
3	15.7.4	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead.In cement mortar	14.3		Cu m	
4	15.8	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured).From brick work in cement mortar	5.0		Cu m	
	<b>B</b>	<b>NEW WALL FOR CORRIDOR, TOILET PARTITIONS</b>				
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )			Cu m	
	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum			Cu m	
			6.3		Cu m	
6	6.18.4A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in in :Cement mortar 1:4 (1 cement: 4 coarse sand)	5.0		Sq m	
7	13.11.4	12 mm (1:6) cement Plaster (Toilet wall)	282.0		Sq m	

	C	NEW FIXTURES AND PIPELINES				
		Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend,				
8	17.3.1	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 :	5.0		EACH	
		W.C. pan with ISI marked white solid plastic seat and lid				
9	17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	3.0		EACH	
10	MR	Providing and fixing pipeline for soil and sewage for wc and urinals and connecting them to septic tank				
		plumbing work for wc	5.0		EACH	
11	18.3.3	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, including all special fittings of composite materials 2025 (25 mm OD ) pipe (INCLUDING INLET OUTLET)	60.0		metre	

	D	TILES WORK (WALL AND FLOOR)	630.0		SQFT	
12	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.	58.6		Sq m	17
13	11.35	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.	49.4		Sq m	
	E	DOOR AND WINDOW				
14	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-chargePre-laminated particle board with decorative lamination on both sides	15.0		sqm	
15	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item). With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)	3.7		sqm	
16	N A	Miscellaneous items and other fitting and fixture charge			lumsun	
	F	PAINTING WORK (Both toilets)				
17	13.78.1	Providing one coat of cement primer of approved brand and manufacture on wall surface all complete	204.0		Sq m	
18	13.79.1	Providing water proof cement paint of approved brand and manufacture and of required shade to give an even shade three or more coat on new work all complete	204.0		Sq m	
	G	MISCELLANEOUS WORK (Both toilets)				
19	N A	exhaust fan (providing and fixing)			LUMSUM	
20	N A	Shower,taps etc			LUMSUM	
21	NA	wall mounted steel handles for support (in running feet) (IN HANDICAP TOLIET)	30.0		running feet	
			<b>TOTAL</b>			

SAY TOTAL - .....

Rates are inclusive of G.S.T.

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	<b>A</b>	<b>DEMOLITION AND DISMANTLING</b>				
1	MR	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c mabaDismantling flooring and old pipelines along with p and s traps of old wc. (THROUGH 2ND TO GROUND FLOOR)			lumpsum	
2	15,23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles above 25 mm and upto 40 mm	35.3		sqm	
3	15,7.4	Demolishing <b>brick work</b> including stacking of serviceable material and disposal of unserviceable material within 50 meters lead;In cement mortar	14.3		Cu m	
4	15.8	Removing <b>mortar form bricks</b> and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured);From brick work in cement mortar	5.0		Cu m	
	<b>B</b>	<b>NEW WALL FOR CORRIDOR, TOILET PARTITIONS</b>				
5	6.1,12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )			Cu m	
	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum			Cu m	
			6.3		Cu m	
6	6.18,4A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in in .Cement mortar 1:4 (1 cement: 4 coarse sand)	5.0		Sq m	
7	13.11.4	12 mm (1.5) <b>cement Plaster</b> (Toilet wall)	282.0		Sq m	
	<b>C</b>	<b>NEW FIXTURES AND PIPELINES</b>				
		Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend.				
8	17.3.1	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 :	5.0		EACH	
		W.C. pan with ISI marked white solid plastic seat and lid				
9	17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	3.0		EACH	

10	MR	Providing and fixing pipeline for soil and sewage for wc and urinals and connecting them to septic tank				
		plumbing work for wc	5.0		EACH	
11	18.3.3	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, including all special fittings of composite materials 2025 (25 mm OD ) pipe <b>(INCLUDING INLET OUTLET)</b>	60.0		metre	

	D	TILES WORK (WALL AND FLOOR)	630.0		SQFT
12	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.	58.6		Sq m
13	11.36	Providing and fixing 1st quality ceramic <b>glazed wall tiles</b> 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 Mortar 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.	48.4		Sq m
	<b>E</b>	<b>DOOR AND WINDOW</b>			
14	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge Pre-laminated particle board with decorative lamination on both sides	15.0		sqm
15	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item); With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)	3.7		sqm
16	NA	Miscellaneous items and other fitting and fixture charge		lumsun	
	<b>F</b>	<b>PAINTING WORK (Both toilets)</b>			
17	13.78.1	Providing one coat of <b>cement primer</b> of approved brand and manufacture on wall surface all complete	204.0	38.60	Sq m
18	13.79.1	Providing <b>water proof cement paint</b> of approved brand and manufacture and of required shade to give an even shade three or more coat on new work all complete	204.0	81.20	Sq m
	<b>G</b>	<b>MISCELLANEOUS WORK (Both toilets)</b>			
19	NA	exhaust fan (providing and fixing)		LUMSUM	
20	NA	Shower,taps etc		LUMSUM	
21	NA	wall mounted steel handles for support (in running feet) <b>(IN HANDICAP TOILET)</b>	30.0		running feet
			<b>TOTAL</b>		

SAY TOTAL - .....

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		<b>AREA OF TOILET AND STAFF ROOM (28'9" X 21'10")</b>	630.0		SQFT	
	<b>A</b>	<b>DEMOLITION AND DISMANTLING</b>				
1	MR	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malbaDismantling flooring and old pipelines along with p and s traps of old wc. (THROUGH 2ND TO GROUND FLOOR)			lumpsum	
2	15.23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.For thickness of tiles above 25 mm and upto 40 mm	35.3		sqm	
3	15.7.4	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead.In cement mortar	14.3		Cu m	
4	15.8	Removing mortar form bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured):From brick work in cement mortar	5.0		Cu m	
	<b>B</b>	<b>NEW WALL FOR CORRIDOR, TOILET PARTITIONS</b>				
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )			Cu m	
	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum			Cu m	
			6.3		Cu m	
6	6.18.4A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in in :Cement mortar 1:4 (1 cement: 4 coarse send)	5.0		Sq m	
7	13.11.4	12 mm (1:6) cement Plaster (Toilet wall)	282.0		Sq m	

	C	NEW FIXTURES AND PIPELINES				
		Providing and fixing white vitreous china pedestal type water closet (European type) with seal and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend.				
8	17.3.1	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 :	3.0		EACH	
		W.C. pan with ISI marked white solid plastic seat and lid				
9	17.4.2	Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern	3.0		EACH	
10	17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	3.0		EACH	
11	MR	Providing and fixing pipeline for soil and sewage for wc and urinals and connecting them to septic tank				
		plumbing work for urinal	3.0		EACH	
		plumbing work for wc	3.0		EACH	
12	18.3.3	Providing and fixing Polyethylene-Aluminium-Polyethylene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, including all special fittings of composite materials 2025 (25 mm OD ) pipe (INCLUDING INLET OUTLET)	70.8		metre	

	D	TILES WORK (WALL AND FLOOR)	630.0		SQFT	
13	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.	58.5		Sq m	
14	11.38	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.	49.4		Sq m	
	E	<b>DOOR AND WINDOW</b>				
15	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge Pre-laminated particle board with decorative lamination on both sides	15.0		sqm	
16	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap boarding shall be paid in basic item): With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)	3.7		sqm	
17	N A	Miscellaneous items and other fitting and fixture charge			lumsun	
	F	<b>PAINTING WORK (Both toilets)</b>				
18	13.78.1	Providing one coat of cement primer of approved brand and manufacture on wall surface all complete	204.0		Sq m	
19	13.79.1	Providing water proof cement paint of approved brand and manufacture and of required shade to give an even shade three or more coat on new work all complete	204.0		Sq m	
	G	<b>MISCELLANEOUS WORK</b>				
20	N A	exhaust fan (providing and fixing)			LUMSUM	
21	N A	Shower, taps etc			LUMSUM	
		<b>TOTAL</b>				

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4	15.8	Removing mortar form bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured):From brick work in cement mortar	5.0		Cu m	
	<b>B</b>	<b>NEW WALL FOR CORRIDOR, TOILET PARTITIONS</b>				
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )			Cu m	
	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum			Cu m	
			6.3		Cu m	
6	6.18.4A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in in :Cement mortar 1:4 (1 cement: 4 coarse sand)	5.0		Sq m	
7	13.11.4	12 mm (1:6) cement Plaster (Toilet wall)	282.0		Sq m	

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		Providing and fixing white vitreous china pedestal type water closet (European type) with seal and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I brackets, 40 mm flush bend.				
8	17.3.1	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 : W.C. pan with ISI marked white solid plastic seat and lid	3.0		EACH	
9	17.4.2	Range of two <b>urinal basins</b> with 5 litre white P.V.C. automatic flushing cistern	5.0		EACH	
10	MR	Providing and fixing pipeline for soil and sewage for wc and urinals and connecting them to septic tank				
		plumbing work for urinal	5.0		EACH	
		plumbing work for wc	3.0		EACH	
11	18.3.3	Providing and fixing Polyethylene-Aluminium-Polyethylene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, including all special fittings of composite materials 2025 (25 mm OD ) pipe <b>(INCLUDING INLET OUTLET)</b>	60.0		metre	

	D	TILES WORK (WALL AND FLOOR)	630.0		SQFT
12	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.	58.6		Sq m
13	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 Mortar 1:3(1 cement: 3 coarse sand ) and joining with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	49.4		Sq m
	E	<b>DOOR AND WINDOW</b>			
14	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-chargePre-laminated particle board with decorative lamination on both sides	15.0		sqm
15	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item). With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)	3.7		sqm
16	N A	Miscellaneous items and other fitting and fixture charge		lumsun	
	F	<b>PAINTING WORK (Both toilets)</b>			
17	13.78.1	Providing one coat of cement primer of approved brand and manufacture on wall surface all complete	204.0		Sq m
18	13.79.1	Providing water proof cement paint of approved brand and manufacture and of required shade to give an even shade three or more coat on new work all complete	204.0		Sq m
	G	<b>MISCELLANEOUS WORK</b>			
19	N A	exhaust fan (providing and fixing)		LUMSUM	
20	N A	Shower,taps etc		LUMSUM	
		<b>TOTAL</b>			

SAY TOTAL - .....

Rates are inclusive of G.S.T.

# M/S HAPPY AND ASSOCIATES

ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS

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**BOQ FOR SCRAPPING OFF OLD TOILET AND REDEVELOPING NEW BOY'S TOILET AND CORRIDOR ON GROUND FLOOR AT D.A.V PUBLIC SCHOOL, AURANGABAD, BIHAR**

Ref no .....

Date .....

Serial	SoR	Particulars	Quantity	Rate	Unit	Amount
		<b>AREA OF TOILET AND PASSAGE (28'9" X 21'10")</b>	<b>630.0</b>		<b>SQFT</b>	
	<b>A</b>	<b>DEMOLITION AND DISMANTLING</b>				
1	MR	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c maibaDismantling flooring and old pipelines along with p and s traps of old wc.			lumpsum	
2	15.23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.For thickness of tiles above 25 mm and upto 40 mm	35.3		sqm	
3	15.7.4	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead.In cement mortar	14.3		Cu m	
4	15.8	Removing mortar form bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured).From brick work in cement mortar	5.0		Cu m	
	<b>B</b>	<b>NEW WALL FOR CORRIDOR, TOILET PARTITIONS</b>				
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand )			Cu m	
	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum			Cu m	
			4.3		Cu m	
6	6.18.4A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in in :Cement mortar 1:4 (1 cement: 4 coarse send)	5.0		Sq m	
7	13.11.4	12 mm (1:6) cement Plaster (Toilet wall)	265.0		Sq m	

	C	NEW FIXTURES AND PIPELINES				
		Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend,				
8	17.3.1	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 :	4.0		EACH	17
		W.C. pan with ISI marked white solid plastic seat and lid				
9	17.4.2	Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern	5.0		EACH	
10	MR	Providing and fixing pipeline for soil and sewage for wc and urinals and connecting them to septic tank				
		plumbing work for urinal	5.0		EACH	
		plumbing work for wc	4.0		EACH	
11	18.3.3	Providing and fixing Polyethylene-Aluminium-Polyethylene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, including all special fittings of composite materials 2025 (25 mm OD ) pipe (INCLUDING INLET OUTLET)	60.0		metre	

D		TILES WORK (WALL AND FLOOR)			SQFT
12	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.	58.8		Sq m
13	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 Mortar 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.	116.0		Sq m
E		DOOR AND WINDOW			
14	21.2.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type I, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides	13.6		sqm
15	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item); With float glass panes of 5.50 mm thickness (weight not less than 12.50 kg/sqm)	2.2		sqm
16	N A	Miscellaneous items and other fitting and fixture charge			lumsun
F		PAINTING WORK (Both toilets)			
17	13.78.1	Providing one coat of cement primer of approved brand and manufacture on wall surface all complete	138.0		Sq m
18	13.79.1	Providing water proof cement paint of approved brand and manufacture and of required shade to give an even shade three or more coat on new work all complete	138.0		Sq m
G		MISCELLANEOUS WORK (Both toilets)			
19	N A	exhaust fan (providing and fixing)			LUMSUM
20	N A	Shower,taps etc			LUMSUM
21	NA	wall mounted steel handles for support (in running feet) (IN HANDICAP TOILET)	30.0		running g feet
			TOTAL		

SAY TOTAL - .....

Rates are inclusive of G.S.T.