

Institute of Business Administration (IBA)

Main Campus

Project : Finance Washroom First Floor & Adamjee Building Washroom

Works : Plumbing & Repairing Works

1. Item No.	2. Description of Item	3. Quantity	4. Unit
A	<u>Finance Washroom First Floor</u>		
1	<u>Dismantling Work</u> Dismantling / cutting / removal of existing block masonry, tiles on floor & walls, plaster on walls & floor including wall chipping & removal of debris outside premises and handing over re-usable material like Door, Camode, flush tank, Wash Basin etc. to Engineer Incharge, complete in all respect as per site requirements.	25.0	Sft
2	<u>Cement Board Partition</u> Providing & fixing 100 mm thk Cement board partition of Envicrete Brand or Equivalent - constructed using Aluminium metal stud as framework @ 610mm c/c and fixed with two layers of 12.5mm tapered edge Cement board Sheet on either side of the aluminium Framework, using dry wall screws, jointed and finished with requisite filler, paper tape, finisher and primer suitable for Cement boards. Partition to have rock wool insulation of density 48 kg/cum wrapped neatly in bags as per approval. The outer skin shall be finished with 2/3 coats of acrylic emulsion paint with approved primer, all as per approval. All components to be of Envicrete Brand or Equivalent.	42.0	Sft
3	<u>Cement Plastering</u> Supply, make, apply and cure, cement sand plaster as specified including jambs, junctions, corners, edges and round surfaces etc, complete in all respect as per drawing and specifications. <u>20 mm thick in (1:4) mortar.</u>		
a	To interior surfaces. With grooves for skirting where required)	1.0	Job
4	<u>Providing & Fixing of Porcelain Tiles in Washroom</u> <u>Ceramic Tiles.</u> Supply and lay full body Porcelain tiles of Shabbir Brand (Prime Quality) or approved equivalent as per approved sample, sizes (12" x 24") or as desired and colors, set with cement slurry including filling and grouting the joints with matching pigments & bond upto 7 ft. height, complete in all respect as per drawing and as directed by the Engineer.		
a	On Floor:- With upto 100 mm (4 inch.) thick setting bed in (1:6) mortar.	30.0	Sft.
b	On Dado (7ft. High) :- with 20mm thick rough plaster in (1:6).	10.0	Sft.
5	<u>Plumbing Piping.</u> <u>Facility Water Distribution</u> <u>PPR Pipes.</u>		

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	Supply and lay PPR pipes of Minhas, IIL or approved Equivalent for hot and cold water distribution at any height system including specials such as tees, bends, elbows, unions, plugs, reducers etc. with heat fusion jointing method including cutting holes in masonry or concrete in wall, floor and slab and chiseling wall and floor and making good the same, complete in all respect as per drawing, specification and as directed by the Engineer.		

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a	<p><u>Nominal internal diameter shall be as follows:-</u> 20mm (3/4") Dia</p> <p><i>Note: This item includes removal of existing pipe lines</i></p>	1.0	Job
6	<p><u>Facility Sanitary Sewerage.</u> <u>Nikasi Pipes.</u></p> <p>Supply and lay UPVC pipes of Pak Arab/ Steelex (SDR-41) or equivalent, Nikasi for soil, waste and vent system including specials such as P-Trap, tees, bends, plugs, reducers, etc. with solvent cement jointing / rubber ring push fit jointing method including cutting holes in masonry or concrete in walls, floor and in slab, making good the same, complete in all respect as per drawing, specification and as directed by the Engineer.</p>		
a	<p>110 mm (4" Dia) diameter.</p> <p><i>Note: This item includes removal of existing pipe lines</i></p>	1.0	Job
7	<p><u>Supply and fix one piece commode of approved quality.</u></p> <p>Supply and fix two piece toilet Commode of Porta (Code - HD12N) or equivalent , in white or coloured with "P or S" trap of vitreous china, size shall be 760 x 395 x 690 mm with symphonic flushing mechanism and seat cover with hydraulic including all internal fittings with connection pipes, Tee stop cock etc. of master (Code: 076-CP) complete in all respect as per drawing and specifications.</p>	1.0	No.
8	<p><u>Supply and fix Indian WC & Fittings of approved quality.</u></p> <p>Supply and fix Indian type Squatting Pan of Master KOLN or Equivalent in white or coloured of vitreous chine, size shall be 585 x 435 x 300mm with hung type flushing cistern of Master brand or Equivalent including all necessary fitting for connection with inlet and outlet pipes, Bib Cock, concealed stop cock etc., of Master or Equivalent Code: 076-CP complete in all respect as per drawing and specifications.</p>	1.0	No.
9	<p><u>Supply, fix muslim shower complete with PVC flexible pipe, Double Bib Cock</u></p> <p>Supply and fix muslim shower complete with PVC flexible pipe (size:12mm dia), and double Bib Cock of matching knobs, of Master (Code:2015,078-CP) or equivalent, complete in all respect as per drawing and as directed by the Engineer.</p>	1.0	No.
10	<p><u>Providing and fixing Stainless Steel Floor Jali (6"x6")</u></p>		

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1. Item No.	2. Description of Item	3. Quantity	4. Unit
	Supply and fix in position Stainless Steel Floor Jali 14 Guage with top tile & strainer of local approved - Nikasi or equivalent, floor trap shall be connected to a waste stack with bend, complete in all respect as per specification.	1.0	No.

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11	<p><u>Bathroom Accessories.</u> Supply and fix following bathroom accessories in chrome plated of local good quality or equivalent approved, complete in all respect as per specification.</p> <p>a Toilet Paper Holder.</p>	2.0	No.
12	<p><u>Wooden Panel Door (2'-7" x 7')</u> Providing, fabricating & fixing in position in given sizes, semi solid block board door shutter 1-1/2" thick including 1/8" thick Malaysian ply on both sides, 2 inch wide Partial wood frame including 1/2" thick Masawa wood lipping all around, shutter to be fixed with 1.2 mm thick Aluminium frame 4" wide, hardware of approved quality/make such as hinges, bolts, handle, door lock with other accessories of KHAS or Equivalent. Complete in all respect as per specification and as directed by the Engineer Incharge.</p>	2.0	Each
13	<p><u>Removal & re-fixing of existing Urinals, Urinal glass partition, geyser and fitting complete with PVC flexible pipe, Double Bib Cock, Tee Cock</u> Removal & re-fixing of existing Urinals, Urinal glass partition, geyser and fitting complete with PVC flexible pipe, Double Bib Cock, Tee Cock at required position complete in all respect as per drawing and as directed by the Engineer.</p>	1.0	Job
B	<u>Adamjee Academic Washroom First Floor</u>		
1	<p><u>Dismantling Work</u> Dismantling / cutting / removal of existing block masonry, tiles on floor & walls, plaster on walls & floor including wall chipping & removal of debris outside premises and handing over re-usable material like Door, Camode, flush tank, Wash Basin etc. to Engineer Incharge, complete in all respect as per site requirements.</p>	1.0	Job
2	<p><u>Concrete Block Masonry</u> Supply and lay, in (1:3:6) machine made solid block masonry straight or curve, as specified, set in cement - sand mortar with raking out joints on both sides, at any level and where masonry abuts columns, it shall be bonded by 10mm diameter wall ties projecting at least 300mm out of the face of the columns, complete in all respect as per drawings and specification.</p> <p><u>Below / Above plinth, set in (1:4) mortar.</u></p>	50.0	Sft
a	130 mm thick		
3	<p><u>Cement Plastering</u> Supply, make, apply and cure, cement sand plaster as specified</p>		

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	including jambs, junctions, corners, edges and round surfaces etc, complete in all respect as per drawing and specifications.		
a	<u>20 mm thick in (1:4) mortar.</u> To interior surfaces. With grooves for skirting where required)	60.0	Sft
4	<u>Providing & Fixiing of Porcelain Tiles in Washroom</u> <u>Ceramic Tiles.</u> Supply and lay full body porcelain tiles of Shabbir Brand (Prime Quality) or approved equivalent as per approved sample, sizes (12" x 24") or as desired and colors, set with cement slurry including filling and grouting the joints with matching pigments & bond upto 7 ft. height,complete in all respect as per drawing and as directed by the Engineer.		
a	On Floor:- With upto 100 mm (4 inch.) thick setting bed in (1:6) mortar.	15.0	Sft.
b	On Dado (7ft. High) :- with 20mm thick rough plaster in (1:6).	98.0	Sft.
5	<u>Plumbing Piping.</u> <u>Facility Water Distribution</u> <u>PPR Pipes.</u> Supply and lay PPR pipes of Minhas, IIL or approved Equivalent for hot and cold water distribution at any height system including specials such as tees, bends, elbows, unions, plugs, reducers etc. with heat fusion jointing method including cutting holes in masonry or concrete in wall, floor and slab and chiseling wall and floor and making good the same, complete in all respect as per drawing, specification and as directed by the Engineer.		
a	<u>Nominal internal diameter shall be as follows:-</u> 20mm (3/4") Dia <i>Note: This item includes removal of existing pipe lines</i>	1.0	Job
6	<u>Facility Sanitary Sewerage.</u> <u>Nikasi Pipes.</u> Supply and lay UPVC pipes of Pak Arab/ Steelex (SDR-41) or equivalent, Nikasi for soil, waste and vent system including specials such as P-Trap, tees, bends, plugs, reducers, etc. with solvent cement jointing / rubber ring push fit jointing method including cutting holes in masonry or concrete in walls, floor and in slab, making good the same, complete in all respect as per drawing, specification and as directed by the Engineer.		

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a	110 mm (4" Dia) diameter. Note: This item includes removal of existing pipe lines	1.0	Job
7	<u>Supply and fix one piece commode of approved quality.</u> Supply and fix two piece toilet Commode of Porta (Code - HD12N) or equivalent , in white or coloured with "P or S" trap of vitreous china, size shall be 760 x 395 x 690 mm with symphonic flushing mechanism and seat cover with hydraulic including all internal fittings with connection pipes, Tee stop cock etc. of master or Equivalent (Code: 076-CP) complete in all respect as per drawing and specifications.	1.0	No.
8	<u>Supply, fix muslim shower complete with PVC flexible pipe,Double Bib Cock</u> Supply and fix muslim shower complete with PVC flexible pipe (size:12mm dia), and double Bib Cock of matching knobs, of Master (Code:2015,078-CP) or equivalent, complete in all respect as per drawing and as directed by the Engineer.	1.0	No.
9	<u>Providing and fixing Stainless Steel Floor Jali (6"x6")</u> Supply and fix in position Stainless Steel Floor Jali 14 Guage with top tile & strainer of local approved - Nikasi or equivalent, floor trap shall be connected to a waste stack with bend, complete in all respect as per specification.	1.0	No.
10	<u>Bathroom Accessories.</u> Supply and fix following bathroom accessories in chrome plated of local good quality or equivalent approved, complete in all respect as per specification.		
a	Toilet Paper Holder.	1.0	No.
11	<u>Wooden Panel Door (2'-7" x 7')</u> Providing,fabricating & fixing in position in given sizes, semi solid block board door shutter 1-1/2" thick including 1/8" thick Malaysian ply on both sides,2 inch wide Partal wood frame including 1/2" thick Masawa wood lipping all around, shutter to be fixed with 1.2 mm thick Aluminium frame 4" wide , hardware of approved quality/make such as hinges, bolts,handle, door lock with other accessories of KHAS or Equivalent. Complete in all repect as per specification and as directed by the Engineer Incharge.	1.0	Each
12	<u>Concrete Core Drilling</u> Core cutting with Hilti as specified diameter in R.C.C. slab including cutting of reinforcement bars if any with disposed of rubbish material as per drawing		

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13	and as directed by the Engineer, complete in all respect. <u>Over all thickness of slab with finishes upto 300 mm.</u> Diameter of core cutting 150 mm.	1.0	Each
	Grouting Supply and place non-shrinkage Cementitious grout material of Sika / PAGEL® or equivalent approved, for grouting of core cutting hole, anchor bolts or where required, as per manufacturer's instructions, complete in all respect.	1.0	Each

NOTE:

-Site Visit is mandatory before submission of quotation.

-SST 15% will charge