

Institute of Business Administration (IBA)

Main Campus

Project : NBP Female Washroom First Floor

Works : Plumbing & Repairing Works

1. Item No.	2. Description of Item	3. Quantity	4. Unit
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, Commode, flush tank, Wash Basin etc. to Engineer Incharge, complete in all respect as per site requirements.</p>	35.0	Sft
2	<p><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.</p>	45.0	Sft
3	<p><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.</p> <p><u>20 mm thick in (1:4) mortar.</u></p>		
a	To interior surfaces. With grooves for skirting where required)	1.0	Job
4	<p><u>Providing & Fixing of Ceramic Tiles in Washroom</u> <u>Ceramic Tiles.</u> Supply and lay ceramic 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.</p>		
a	On Floor:- With 40mm (2 inch.) thick setting bed in (1:6) mortar.	25.0	Sft.
b	On Dado (7ft. High) :- with 20mm thick rough plaster in (1:6).	30.0	Sft.

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5	<p><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.</p> <p><u>Nominal internal diameter shall be as follows:-</u> a 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> 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> <p>a 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> 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 or Equivalent, 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) or Equivalent complete in all respect as per drawing and specifications.</p>	1.0	No.
8	<p><u>Supply and fix Wash Baisn with Half Pedestal of approved quality.</u> Supply and fix wash basin with half pedestal of Porta (Code - HDLP201AH) or Equivalent in white or coloured of vitreous china or Equivalent, size of basin shall be 650 x 540 mm including all internal fitting with connection pipes concealed stop cocks, single liver mixer, waste pipe etc., of Master brand or Equivalent , complete in all respect as per drawing and specifications.</p>	1.0	No.

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9	<p><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.</p>	1.0	No.
10	<p><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.</p>	1.0	No.
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>	1.0	No.
12	<p><u>Wooden Panel Door (2' 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 or Equivalent on both sides, 2 inch wide Partial wood frame including 1/2" thick Masawa wood or Equivalent 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 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 Commode, muslim shower complete with PVC flexible pipe, Double Bib Cock, Tee Cock</u> Removal & re-fixing of existing Commode, muslim shower 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> <p>NOTE: -As per attached BOQ. -Site Visit is mandatory before submission of quotation. -SST 13% will charge</p>	1.0	No.