

6. Bill of Quantity

SCOPE OF WORK
Plumbing & Repairing Works at NBP
Technology Centre Washroom IBA Main
Campus

| S. No. | Description | Unit | Quantity | Rate | Amount |
|--------|---|------------|------------|------------------|----------------------|
| 1 | Dismantling Work 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 Camode, flush tank, Wash Basin etc. to Engineer Incharge, complete in all respect as per site requirements. | 650 | Sft | 7-00 | 45500-00 |
| 2 | Concrete Block Masonry 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. Above plinth, set in (1:6) mortar. a. '125 mm thick (5" thick) b. '100 mm thick (4" thick) | 125 110 | Sft Sft | 191-00 191-00 | 23875-00 21010-00 |
| 3 | Cement Plastering 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. a. '20 mm thick in (1:4) mortar. To interior surfaces. With grooves for skirting where required) | 70 | Sft | 106-00 | 7420-00 |

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|---|--|-----|-----|--------|-----------|
| 4 | Providing & Fixing of Ceramic Tiles in Washroom Ceramic Tiles Supply and lay ceramic tiles of Shabbir Brand (Prime Quality) or equivalent as per sample, sizes (10" x 20") 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 40mm (2 inch.) thick setting bed in (1:6) mortar. b. On Dado (7ft. High) :- with 20mm thick rough plaster in (1:6) | | | | |
| | | 150 | Sft | 268-00 | 40200-00 |
| | | 700 | Sft | 268-00 | 187600-00 |
| 5 | Plumbing Piping Facility Water Distribution PPR Pipes Supply and lay PPR pipes of Dadex - Ethernet or 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. Nominal internal diameter shall be as follows:- a. '20mm (3/4") Dia b. '25mm (1") Dia Note: This item includes removal of existing pipe lines | | | | |
| | | 70 | Rft | 209-00 | 14630-00 |
| | | 40 | Rft | 255-00 | 10200-00 |

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|---|--|----|-----|----------|----------|
| 6 | Facility Sanitary Sewerage Nikasi Pipes Supply and lay UPVC pipes of Pak Arab/ Steelex (SDR-41) or equivalent, Nikasi for soil, waste and vent system including specials such as 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. a. '110 mm (4" Dia) diameter. Note: This item includes removal of existing pipe lines | 60 | Rft | 417-00 | 25020-00 |
| 7 | Supply and fix Indian type Squatting Pan of local approved quality Supply and fix Indian type Squatting Pan of Porta or equivalent in white or coloured of vitreous chine, size shall be 585 x 435 x 300mm with P-Trap 4" dia (Pak Arab or equivalent) , hung type flushing cistern of local approved quality including all necessary fitting for connection with inlet and outlet pipes, concealed stop cock etc., of Master or equivalent (Code: 076-CP) complete in all respect as per specifications and as directed by Engineer. Note: This item includes removal of existing Squatting Pan | 2 | Nos | 21120-00 | 42240-00 |
| 8 | Providing and fixing Wash Basin with Pedestal Supply and fix wash basin of Porta (HDLP-203) or equivalent, in white or coloured with pedestal of vitreous china size of basin shall be 505mm x 515 mm including all internal fitting with connection pipes concealed stop cocks, CP long neck mixer, waste pipe etc., of Master or equivalent approved by the Engineer, complete in all respect as per drawing and specifications. | 3 | Nos | 21120-00 | 63360-00 |

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|----|---|-------------|-------------------|-------------------------------|-------------------------------|
| 9 | Supply and fix one piece commode of approved quality Supply and fix one piece toilet Commode of Porta or equivalent (Code - HD102N) , in white or coloured with "P or S" trap of vitreous china, size shall be 741 x 438 x 637 mm with symphonic flushing mechanism and seat cover with hydraulic including all internal fittings with connection pipes, concealed stop cock etc. of master (Code: 076-CP) complete in all respect as per drawing and specifications. | 2 | Nos | 21120-00 | 42240-00 |
| 10 | Supply, fix Muslim shower complete with PVC flexible pipe, Double Bib Cock Supply and fix Muslim shower complete with PVC flexible pipe (size:12mm dia), and double Bib Cock of matching knobs, of Master or equivalent (Code:2015,078-CP), complete in all respect as per drawing and as directed by the Engineer. | 1 | No | 6600-00 | 6600-00 |
| 11 | Providing and fixing Stainless Steel Floor Trap Supply and fix in position Stainless Steel Floor Trap with top tile & strainer of Master, Dadex or equivalent - Nikasi floor trap shall be connected to a waste stack with bend, complete in all respect as per specification. | 7 | Nos | 1320-00 | 9240-00 |
| 12 | Providing and fixing Chrome Plated Bib Cocks Supply and fix following chrome plated Bib Cocks / Stop, Cocks 12 mm dia of Master or equivalent with matching knobs, complete in all respect, as per drawing and specification a. Bib Cock. (90 Degree, item code - 004) | 2 | Nos | 6600-00 | 13200-00 |
| 13 | Bathroom Accessories Supply and fix following bathroom accessories in chrome plated of Master or equivalent approved, complete in all respect as per specification. a. Toilet Paper Holder. b. Soap Dish. c. Looking Mirror | 3 3 3 | Nos Nos Nos | 1320-00 1320-00 2640-00 | 3960-00 3960-00 7920-00 |

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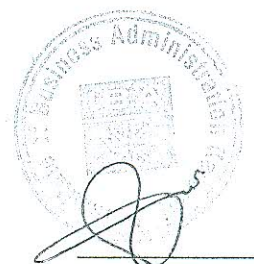
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|-----------------------------|---|----|-----|-----------|----------|
| 14 | Wooden Panel Door Providing, fabricating & fixing in position in given sizes, semi solid block board door shutter 1-1/2" thick including 1/8" thick commercial ply on both sides, including 1/2" thick deodar wood lipping all around, shutter to be fixed with 16 gauge pressed steel frame & hardware of approved quality/make such as hinges, bolts, latches, Al-drops, handle etc including stainless steel kick & push plates on both sides. Complete in all respect as per specification and as directed by the Engineer Incharge. Note: This item includes the cost of removal of existing doors & cost of filling with cement and slurry ratio of 1:6 and repairing the jambs. | 18 | Sft | 1320-00 | 23760-00 |
| 15 | Removal & Refixing of Existing Wooden Door with G.I Frame Removing, stacking & refixing of existing doors in position in given sizes, including refixing of G.I frame with necessary hold fasts, filling with cement : sand slurry of ratio 1:6 and repairing the jambs. The cost includes all carriage, tools and plants used for removal and refixing. Complete in all respect as per specification and as directed by the Engineer Incharge. | 2 | Nos | 2640-00 | 5280-00 |
| Total Amount | | | | 597215-00 | |
| SST | | | | 77638-00 | |
| Total Amount with All Taxes | | | | 674853-00 | |

Total Amount Rupees in Words: Rs. Six hundred seventy

four thousand eight hundred fifty three only

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