

6. Bill of Quantity

**SCOPE OF WORK**  
**Extension Work of Canteen Kitchen**

S #	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
1	<b>Removal of floor finishes</b> Removal of floor finishes at any level such as tiles, mosaic or any other artificial stone including base ,waterproofing membrane, sand or other material specially in wet areas, segregating from floor bed and hacking / cleaning the bed surface for getting bond of new floor with stacking the serviceable material in reusable form in safe custody till it is handed over to the owner and disposed off un-serviceable material as directed by the Engineer.	71.2	Sft	55.0	3916.0
2	<b>Dismantling of Block work</b> Dismantling of existing block masonry walls, partitions, parapets etc, at any level manually or mechanical using breaker and disposed off rubbish material from site as per direction of the Engineer.	100.0	Sft	40.0	4000.0
3	<b>Dismantling of R.C. Concrete</b> Dismantling of existing reinforced concrete beams, brackets, chajjahs, sills and purdies etc, at any level with bare or plastered surface manually or mechanical using breaker etc, with sorting out demolished material and stacking of serviceable material such as re-useable steel in safe custody till it is handed over to the owner and disposal of un-serviceable material as per specification and as directed by the Engineer.	34.5	Cft	160.0	5520.0
4	<b>Removal of pavers &amp; Curbstone</b> Removing of existing precast pavers with due care including stacking of serviceable materials in reusable form in safe custody till it is handed over to the owner and disposal of rubbish material as directed by the Engineer.	57.5	Sft	40.0	2300.0
5	<b>Excavation for Block Masonry Wall</b> Excavation in all type of soil including medium to soft and hard rock up to required depth including dressing, shoring and disposed off excavated material to any distance within or outside the project premises as per direction by the Engineer, complete in all respect as per drawing and specifications.	66.4	Cft	60.0 <del>390</del>	3984 <del>43380</del>

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6	<b>Marble Tile</b> Supply and lay 300 x 600 x 12 mm thick, marble tiles as specified of approved sample over a bed of 40mm thick cement - sand mortar base in (1:4). This includes cutting, grinding, polishing, filling and grouting the joints with white cement and matching pigment complete in all respect as per drawing, specifications and as directed by the Engineer. <b>China Verona</b> On Floor.	461.0	Sft	290	133699
7	<b>Marble Skirting</b> Supply and lay 12mm thick, chemical polished marble tiles as specified of approved sample over a rough plaster in (1:4). This includes filling and grouting the joints with white cement and matching pigment complete in all respect as per drawing, specifications and as directed by the Engineer. <b>China Verona</b> Skirting 100mm high.	35.5	Sft	300.0	10650.0
8	<b>Kitchen Counter Top</b> Supply and lay 25mm thick, chemical polished granite slab as specified of approved sample over a setting bed of 40mm thick cement - sand mortar setting bed in (1:4). This includes the cost of filling and grouting the joints with white cement and matching pigment complete in all respect as per drawing, specifications and as directed by the Engineer. <b>Granite Imperial Gray</b> For kitchen / Vanity Top with bull nosing of half round, including making of openings for sink / wash basin with molding around the openings.	149.4	Sft	800	119520
9	<b>Stone Soling</b> Supply, place and compact hard-core in maximum size of 65mm laid to a required thickness, hard-core shall be laid on subgrade finished to requisite lines / levels and , complete as per specification and as directed by the Engineer. 6" thick (150 mm )	200.0	Cft	120.0	24000.0

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10	<b>Concrete Block Masonry</b> 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, including curing etc complete in all respect as per drawings and specification. Below / Above plinth, set in (1:4) mortar. '150 mm thick	442.8	Sft	190.0	84132.0
	'200 mm thick	46.2	Sft	220.0	10164.0
11	<b>Cast-In-Place Concrete 1:4:8</b> Supply and lay Plain cement concrete with approved ad-mixes to achieve the cubical strengths as specified below, complete in all respect as per drawings, specifications and as directed by the Engineer. 3" thick Concrete	100.0	Cft	300.0	30000.0
12	<b>Cement Plastering</b> 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. '20 mm thick in (1:4) mortar. To interior / exterior surfaces.	885.5	Sft	70.0	61985.0
13	<b>Precast Concrete</b> <b>Precast girder slab</b> Supply and place precast girder slab roofing system of local manufactured of prestressed girders and precast slab (tray type) of approved sections and sizes for the required span as shown on drawing including grouting of joints with cement-sand mortar complete with all operations performing in connection with the furnishing and installation.	345.0	Sft	460 <del>120.0</del>	158700 <del>41400.0</del>
14	<b>Expanded Metal MS Jali 18 SWG</b> Supply and fixed Galvanized Expanded Metal MS Jali 18 SWG of (1" x 1") Diamond size in Standard Diamond Orientation or Reversed Diamond Orientation galvanized, fixed with 2" thick Steel nails and washer all around the corners inclusive of all tools and plants, complete in all respect as directed by Engineer Incharge.	345.0	Sft	120.0 <del>195.0</del>	41400.0 <del>67275.0</del>

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15	<b>Cement Screed C-20 (1:2:4)</b> Supply, mix, place compact and cure concrete C-20 (1:2:4) , screed to roof with Duracrete Fibers ( 300 gm / Bag of cement ) required slope and profile, including sump at drain points as shown on detailed drawing with smooth trowel finish, concrete to be laid in panels not exceeding 2000x2000mm including fillet 100 x 100mm along walls / beams and columns, complete in all respect, specification and as directed by the Engineer. 50 mm ( 2 inch.) thick Avg.	345.0	Sft	195	67275
16	<b>Concrete Counter Slab (1:2:4)</b> Supply, mix, place compact and cure concrete Counter Slab upto 6" thick with necessary reinforcement of 10 mm dia bars @ 250 mm c/c both ways as per detailed drawing with complete in all respect, specification and as directed by the Engineer.	10.4	Cft	680	7072
17	<b>Stainless Steel Sink</b> Supply & fix stainless steel sink single bowl with drain board over all size 915 x 460mm of Atlas (item code ATL 05) with wall sink mixer (Cast Neck - 020-CP) of Faisal, including cost of brass waste sink with C.P. brass chain, rubber plug waste pipe, brackets for supported to sink and all internal fittings, complete as per specification.	2.0	Each	28000	56000
18	<b>Chrome Plated Bib Cock</b> Supply and fix following chrome plated Bib Cocks / Stop, Cocks 12 mm dia. of Faisal with matching knobs, complete in all respect, as per drawing and specification. Bib Cock. (90 Degree, item code - 004)	2.0	Each	2500	5000.0
19	<b>Facility Sanitary Sewerage Nikasi Pipes</b> Supply and lay UPVC pipes of Dadex or equivalent, Nikasi for soil, waste and vent system including specials such as tees, P-trap, 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. '110 mm diameter.	30.0	Rft	480.0	14400.0

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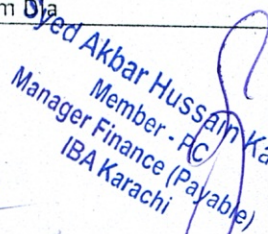
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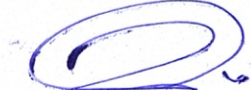
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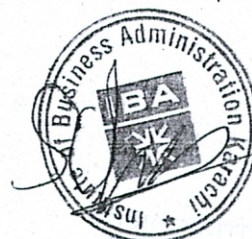
20	<b>Manhole Cover</b> Supply and fix water tight (Square Type) C.I. Manhole cover with frame as specified of CME, for the following weights, including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer. Size : (600 x 600 mm) Light Duty. ( 30 Kg)	1.0	Each	3800.-	3800.-
21	<b>Flush Wood Doors</b> Supply and fix in position as specified single / double shutter flush door 40mm thick of approved quality with 18 gauge pressed steel frame, shutter shall be solid block board core with 3mm thick commercial ply on both sides, fixed to frame. This item includes the cost of beading, iron mongaries and all relevant hardware's and fittings of approved quality such as door lock KHAS or equivalent brass butt hinges, tower bolts fixed to top & bottom of closing shutter, door stopper, O.H. door closer, Cylindrical Lockset etc, and zinc chromite primer to steel frame size, complete in all respect as per drawing, specification and as directed by the Engineer. <i>(Note: Samples of all hardware and fittings shall be submitted for approval before installation.)</i>	21.0	Sft	2400.-	50400.-
22	<b>Plumbing Piping</b> <b>Facility Water Distribution</b> <b>PPR Pipes</b> Supply and lay UPVC pipes of STEELEX/PAK ARAB or equivalent for hot and cold water distribution system including specials such as tees, bends, elbows, unions, plugs, reducers etc with EZ WELD Solution or equivalent as 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:- '20mm Dia '25mm Dia	40.0 40.0	Rft Rft	150.- 180.-	6000.- 7200.-

  
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23	<b>Aluminum Windows</b> Supply and fix in position as specified anodized aluminum works as specified in bronze colour of Chawla Aluminum with best quality glass of Ghani and all imported iron mongery & fillings, of approved quality. This item includes mastic sealant to joints between the building openings and frames, complete in all respect as per drawings and specification. Sliding windows / Ventilators with 5 mm clear glass and Aluminum insect screen. (Mesh 18x16 / Inch) '(Note: 100x30mm wide Box Section of 1.2mm thick shall be used)	50.0	Sft	1600.0	80000.0
24	<b>G.I. Pipes</b> Supply and lay hot dip galvanized G.I. Pipes 14 guage of I.I.L or equivalent for gas distribution system including specials such as tees, bends, elbows, unions, plugs, reducers etc 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. '20mm Dia	50.0	Rft	400.0	20000.0
25	<b>Gate Valves</b> Supply and install in place hand wheel bronze gate valve of KITZ or equivalent for water system as specified, approved by the Engineer, complete in all respect as per specifications. Gate Valve with threaded end connections. '20mm diameter.	2.0	Each	2000	4000
26	<b>Roof Treatment By EXPANCOTE RUBBER-FLEX</b> Providing & Applying Expan Cote Rubber-Flex Manufactured By Fos Pak or equivalent Conforming to ASTM D- 543 and ASTM C-907 as approved. The material is to be applied as per application procedure prescribed by the manufacturer by qualified / specialized applicator. Application: ExpanCOTE* Rubber-flex should be applied by brush, roller, trowel or spray (Two coats application on horizontal surfaces) at a minimum wet film thickness of 1.0 mm On a vertical surface a film build of 1.5 – 2.50 mm is achievable in two to three coats with reinforced polyester sheet. This rate is inclusive of all type of labour, material, tools & plants, Scaffolding, lifting, testing of surface as per prescribed etc. This rate is also inclusive of all type of federal, provincial and municipal taxes etc. complete.	350.0	Sft	68	23800.0

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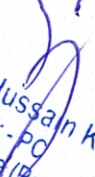
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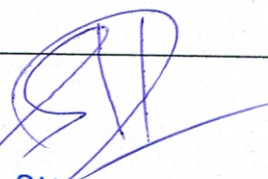


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Total	1038908.0
13% SST	
Grand Total with SST	1038908.0

Grand Total Amount Rupees in Words: Rs. \_\_\_\_\_

  
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