

## SCHEDULE – A TO BID

**SCOPE OF WORK**  
**Construction of Laundry Facility at IBA Girls' Hostel**

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
<b>(A) SCHEDULED ITEMS BASED ON CSR 2024</b>					
<b>1</b>	<b>Dismantling of Block Masonry</b>				
	Dismantling cement block masonry. Item no. 14 page no. 19 chap # 2 Note: This item includes shifting of debris outside Karachi University premises	Cft	140.00	50.70	7,098.00
<b>2</b>	<b>Excavation of Foundation</b>				
	(b) Excavation in hard rock requiring blasting but blasting prohibited and disposal of excavated material within 50 ft. . Lead (including dressing and levelling to designed section etc, complete. (a) Grade I Item no. 7(b) (a) page no. 16 chap # 1	Cft	1,231.50	45.16	55,614.54
<b>3</b>	<b>Backfilling</b>				
	Filling, watering and ramming earth under floor. with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. Refer Item No. 22 Page no. 17 Chapter No. 1	P.Cft	161.00	47.02	7,570.22
<b>4</b>	<b>Lean Concrete</b>				
	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (i) Ratio. 1: 4 :8 Refer Item No. 5 Page no. 24 Chapter No. 4	P. Cft	104.61	348.83	36,491.10
	<b>Add Shuttering</b>				
	Erection and removal of centering for R.C.C or plain cement concrete works of Deodar wood (2nd-Class) Partal Wood (b) Vertical floor Refer Item No. 19(b) Page no. 27 Chapter No. 4	P. Sft	137.00	106.48	14,587.76
<b>5</b>	<b>Subfloor (3 inch)</b>				

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	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (h) Ratio. 1: 3 :6 Refer Item No. 5(h) Page no. 24 Chapter No. 4	P. Cft	80.50	388.67	31,287.93
<b>6</b>	<b>Steel Reinforcement</b>				
	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.) a) Deformed bar i) Grade-60 Item no. 8a (i) page no. 26 chap # 4	Cwt	56.72	18,934.02	1,073,937.61
<b>7</b>	<b>Structural Concrete</b>				
	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) a) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (i) Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Item no. 5a (i) page no. 25 chap # 4				
<b>a</b>	Foundation	Cft	96.00	717.59	68,888.64
<b>b</b>	Columns	Cft	120.00	717.59	86,110.80
<b>c</b>	Plinth Beam	Cft	104.00	717.59	74,629.36
<b>d</b>	Floor Beam	Cft	175.33	717.59	125,815.05
<b>e</b>	Slab	Cft	243.00	717.59	174,374.37
<b>f</b>	Lintel	Cft	4.50	717.59	3,229.15
<b>8</b>	<b>Internal Plaster</b>				
	Cement plaster 1:4 upto 12' height. (b) 1/2" thick. Refer Item no. 11(b) page no. 52 Chapter no. 9	P. Sft	1,443.50	39.83	57,494.61
<b>9</b>	<b>External Plaster</b>				

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	Cement plaster 1:3 upto 12' height. (c) 3/4" thick. Refer Item no. 10(c) page no. 52 Chapter no. 9	p. Sft	1,229.00	55.87	68,664.23
<b>10</b>	<b>Weather Shield</b>				
a	Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Refer Item no. 38 (A) page no. 54 Chapter no. 9	Sft	2,672.50	39.38	105,243.05
b	2nd & subsequent coat. Refer Item no. 38 (b) page no. 54 Chapter no. 9	Sft	2,672.50	47.20	126,142.00
<b>11</b>	<b>Termite Treatment</b>				
	Providing Anti -termite treatment by spraying/sprinkling/spreading Neptachlar 0.5% Emulsion as an overall pre -construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. Item no. 92(A), Page No. 84 chapter no. 18	Sft	1,614.00	11.46	18,496.44
<b>12</b>	<b>Bitumen</b>				
	Bitumen coating to plastered or cement concrete surface. Refer Item no. 9 page no. 63 Chapter no. 11	P. Sft	600.00	21.83	13,098.00
<b>13</b>	<b>Plinth Protection</b>				
	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (f) Ratio. 1: 2 :4 Refer Item No. 5(f) Page no. 25 Chapter No. 4	P. Sft	56.00	443.54	24,838.24
<b>14</b>	<b>Anti-Skid Full Body Porcelain Tiles</b>				
	Providing & Laying Full Body Porcelain Tile in Flooring or Facing of Approved Design Set in Gry Cement Motor 1:2 or of 3/4" Thickness I/C Washing & Joints With White Cement Slurry Using Colour Pigment for matching complete as per Specification. 24"x24"x5/16" Refer Item No. 28(ix) Page no. 46 Chapter No. 8 Brand: Shabbir or Master Grouting: Ressichem	P. Sft	483.00	439.57	212,312.31

<b>TOTAL AMOUNT OF SCHEDULE BASED ITEMS</b>	<b>PKR</b>	<b>2,385,923.41</b>
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PREMIUM-/ REBATE (@ %) 15%	PKR	- (357888.51) Less
(A) TOTAL AMOUNT OF SCHEDULE BASED ITEMS (INCL. PREMIUM/REBATE)	PKR	2028034.90

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
<b>NON-SCHEDULE ITEMS (BASED ON PREVAILING MARKET RATES)</b>					
<b>B</b>	<b>Civil Works</b>				
<b>1</b>	<b>Dismantling of RCC</b>				
	Dismantling cement concrete reinforced. Note: This item includes shifting of debris outside Karachi University premises	Cft	80	36/-	2880/-
<b>2</b>	<b>Dismantling of MS Gate</b>				
	Dismantling of existing Mild Steel (MS) gate of size 6'-0" x 8'-0", including cutting of hinges, locks, holdfasts, and anchor bolts; removal of gate leaf/frame from masonry or RCC supports; careful handling to avoid damage to surrounding structure; loading, shifting, and stacking of dismantled material at a location directed by the Engineer-in-Charge. Rate to include all labor, tools, scaffolding, equipment, and incidental works complete in all respects.	L/s	1	2380/-	2380/-
<b>3</b>	<b>UPVC Door</b>				
	Providing, fabricating, supplying and installing uPVC door made from high-quality, multi-chambered uPVC profiles, weather-resistant and UV-stabilized, complete in all respects. The door shall include uPVC frame and shutter. It shall be provided with approved uPVC panel as specified, fixed with glazing beads and rubber gaskets. The item includes heavy-duty stainless-steel hinges, multi-point locking system, handles, cylinder lock with keys and all required hardware of KHAAS or approved brand. Weather strips and sealants shall be provided to ensure air- and water-tight performance. The door shall be properly fixed, aligned, leveled and finished	Sft	35	2100/-	73500/-

	in masonry/RCC openings. All screws, fasteners, fittings, cleaning and testing shall be included. The work shall be executed as per drawings, specifications and instructions of the Engineer, complete and ready for use.				
4	<b>Block Masonry (6 inch)</b>				
	<p>Providing and laying Cement Concrete solid Machine made block of compressive Strength 1000 PSI at 28 days masonry wall 6" and below in thickness set in 1:6 CSM CEMENT SAND MORTAR in ground floor</p> <p>Super Structure including raking out joints, curing, providing wire mesh over electric and plumbing conduiting at masonry joints with beams, columns and 16" long steel(3/8") wall ties at every third course of block masonry with 4" within columns with the holes filled with mixture of SBR and cement concrete etc. complete.</p>	Cft	451	273/-	128123/-
5	<b>Aluminum Ventilator</b>				
	Supplying, fabricating, and installing a fixed glass window as per drawings, with brushed/anodized aluminum sections along the perimeter and vertical aluminum sections, combined with MS frames horizontally. The window shall be fitted with tinted glass 5 mm thick, fixed using EPDM/neoprene gaskets, glazing beads, sealant, and all necessary accessories. The work includes fabrication of aluminum and MS sections, installation, proper alignment, leveling, sealing, and ensuring a rigid, watertight, and aesthetically finished assembly, complete as directed by the Engineer.				
a	V1 (Size: 4'-0" x 2'-0")	P. Sft	16	1500/-	24000/-
6	<b>Roof Screeding(3" avg)</b>				
	Providing and laying 3" (75 mm) thick concrete screeding in panels of 3000 psi at 28 days using 10 mm down crush over a prepared surface, including approved fibre mesh (polypropylene or glass) uniformly throughout the mix to control cracking.	Sft	486	130/-	63180/-

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	The work shall include surface cleaning and dampening, accurate mixing and uniform distribution of materials and fibre mesh, placement, compaction, leveling, finishing with trowel/float, and curing, along with all labor, tools, equipment, water, and incidentals, as directed by the Engineer-in-Charge.				
7	<b>DPC Membrane</b>				
	<p>Providing and laying Damp Proof Course (DPC) membrane at plinth level or as shown on drawings, using approved bituminous DPC membrane of minimum 1.5 mm thickness, such as Roof grip DPC (Roofline), or approved equivalent, to prevent rising dampness through masonry.</p> <p>The work shall include surface preparation, laying of membrane with minimum 75–100 mm overlaps, sealing of joints, ensuring continuity at corners and junctions, and protection during subsequent works, complete in all respects, as directed by the Engineer-in-Charge.</p>	Sft	68.50	95/-	6507.50/-
8	<b>Stone Soling (6 inch)</b>				
	Providing and laying 6 inch thick stone soling under floors, pavements, or foundations using hard broken stones of approved quality, hand-packed on edge, tightly compacted, including filling interstices with stone spalls, watering, ramming, and consolidation to form a firm, even surface, with finished thickness, complete in all respects, as directed by the Engineer-in-Charge.	Sft	602.50	107/-	64467.50/-
9	<b>Waterproofing</b>				
	Providing and applying elastomeric cementitious waterproofing and protective coating using two-component acrylic polymer modified cementitious system such as Sika® (e.g., SikaTop® Seal-107 or approved equivalent), conforming to relevant ASTM standards (ASTM D412 & ASTM D4541). The waterproofing shall be applied in two coats to achieve a total dry film thickness of 1.25–2.00 mm, including surface preparation, mixing, application by experienced and approved applicator, curing and protection, all as per	Sft	849	95/-	80655/-

	<p>manufacturer's recommendations and project specifications.</p> <p>The item shall also include flood testing for a minimum period of 24-72 hours (as specified) after completion and curing of the waterproofing system, including making good any defects/leakages observed and retesting until satisfactory results are achieved, complete in all respects.</p>				
10	<b>Granite Top</b>				
	<p>Providing and fixing 1 inch thick granite top(Jet Black) of approved colour, complete with grinding, polishing, and 3/4 inch chamfered nosing. The work shall include provision of MS L-shaped angle brackets (L 2"x2"x1/4") at 4 ft intervals or as required. The granite shall be fixed over a 3/4 inch thick 1:4 cement sand mortar base or seated into a 2 inch deep groove in block masonry including cutting it for counter basin.</p> <p>All exposed edges and joints shall be sealed with approved filler material to prevent seepage.</p> <p>The item shall be complete in all respects as per approved drawings and specifications.</p>	Sft	18	1300/-	23400/-
11	<b>Pre-cast rain water spouts</b>				
	<p>Providing and fixing pre-cast rainwater spouts (Size: 6"x 12") complete in all respects and as directed by the Engineer</p>	Nos.	3	3000/-	9000/-
12	<b>PVC Cabinet</b>				
	<p>Providing and fixing 2ft deep floor-mounted vanity comprising an internal skeleton of seasoned Partal Wood (1.5" x 1.5") treated with anti-termite solution. Exterior and shutters to be 16mm PVC Laminated Sheet of approved brand (Al-Noor/ZRK/Sabri) and shade with 2mm PVC edge banding machine-applied. Material to be high-density, waterproof, and termite-proof, fixed to wood framing with SS screws and adhesive. Includes internal shelves, SS-304 soft-close hinges, handles, and 4" skirting with adjustable leveling legs. All work to be in plumb and level as per drawings and Architect's instructions. Rate includes</p>	Sft	25	1900/-	47500/-

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	framing, 2ft deep carcass, hardware, and all finishing labor.				
<b>13</b>	<b>Full Body Porcelain Wall Tiles</b>				
	Providing & Laying Full Body Porcelain Tile on Wall of Approved Design Set in Grey Cement Mortar 1:2 or of 3/4" Thickness I/C Washing & Joints With grouting of approved design and colour Pigment for matching complete as per Specification. (a) 24"x24"x5/16" Tile Brands: Shabbir or Master Grouting: Ressichem	P. Sft	259	476/-	123284/-
<b>14</b>	<b>MS Security Grills</b>				
	Providing, fabricating and fixing Mild Steel (MS) Grill over ventilator / exhaust opening, made of MS square bars 12mm x 12mm (or as approved) spaced at 4" and welded to MS flat frame 1 1/2" x 1 1/2" x 5mm thick, including cutting, welding, grinding, making necessary holdfasts, drilling, anchoring with expansion bolts, complete in all respects as per drawings and instructions of Engineer-in-Charge. Item includes application of two coat of red oxide primer and two coats of epoxy paint of approved shade.  Paint and Red Oxide Brand: Berger or Jotun	P. Sft	18	714/-	12852/-
<b>B</b>	<b>TOTAL AMOUNT OF NON-SCHEDULED ITEMS (CIVIL WORKS)</b>		<b>PKR</b>	<b>656729/-</b>	

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
<b>C</b>	<b>PLUMBING WORKS (BASED ON PREVAILING MARKET RATES)</b>				
<b>1</b>	<b>Plumbing Piping</b>				
	Facility Water Distribution				
	PPRC Pipes				

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	Supply and lay PPRC pipes (PN20) of PipePlus, 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, fastening it with hooks, complete in all respect as per drawing, specification and as directed by the Engineer.  All PPRC pipes are tested using pressure guage at the pressure instructed by Engineer Incharge.				
	Nominal internal diameter shall be as follows:				
a	25 mm Dia	Rft	239.20	70/-	16744/-
<b>2</b>	<b>Facility Sanitary Sewerage Drainage Pipe</b>				
	Supply and lay UPVC pipes of Pak Arab/ Steelex (SDR-41), 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	(4" Dia) diameter.	Rft	88.80	243/-	21578.40/-
b	(6" Dia) diameter.	Rft	108	511/-	55188/-
<b>3</b>	<b>Providing and fixing Sink</b>				
	Providing and fixing Stainless Steel Sink (Size: 22" x 18" x 8") in 18-gauge SS-304. Scope includes machine-cutting of Granite/Marble countertop to exact sink template with polished edges. All accessories must be of Porta or Master brand, including: Double knob Sink Mixer, two CP T-Cocks, 2ft SS flexible connection pipes, and a Stainless Steel (SS) Bottle Trap with a 1.5" diameter waste pipe. Sink to be installed using anti-fungal RTV silicone for 100% leak-proof sealing. Rate includes all factory-supplied hardware, sound-dampening	Nos.	2	5950/-	11900/-

	pads, pressure testing of connections, and specialized labor for granite cutting and plumbing.				
4	<b>Providing and fixing UPVC Floor Waste</b>				
	Supply and fix in position UPVC Floor Trap with SS Jali top tile & strainer of Master, Dadex - Nikasi or equivalent, floor trap shall be connected to a waste stack with bend, complete in all respect as per specification.	Nos	6	1700/-	10200/-
5	<b>Handle Valve</b>				
	Supply and install in place handle valve of Minhas, Pipe Plus or ILL for water system as specified, approved by the Engineer, complete in all respect as per specifications.				
A	25mm internal diameter.	Nos	6	1100/-	6600/-
6	<b>Manholes</b>				
	Constructing Manhole or inspection chamber internal size 2'-0" x 2'-0" x 3'-6" depth with walls of block masonry with cement sand mortar and 1:3 CSM plaster, 1/2" TH. Inside and 1" thick outside over benching and channel including fixing Heavy Duty C.I. Man hole cover(2'-0"x2'-0") of KFEW, GMP or equivalent embedded in plain CC complete as per standard specifications and as directed by engineer	Nos	6	5000/-	30000/-
7	<b>Channel with Grating</b>				
	Providing and constructing a drainage channel all around the periphery of the building, having a depth of 6 inches and a 5-inch internal width. The scope includes excavation in all kinds of soil, dressing and compaction of the bed, and provision of PCC bedding (1:3:6) where required. The item involves the construction of the base and side walls in plain cement concrete(1:3), maintaining the required slope for effective drainage, cement plastering to internal surfaces in cement mortar, curing, and disposal of surplus excavated material within the specified lead and lift.  The item specifically includes forming a continuous, rigid seating frame. This frame must be securely anchored into the concrete walls to prevent displacement. Finally, providing and fixing	Rft	88.80	1000/-	88800/-

	removable PVC gratings of size 20" x 5" (Brand: Pak Arab or equivalent), made from heavy-duty PVC, ensuring they are properly seated within the angle iron recess, perfectly aligned, and fixed as per manufacturer's recommendations. Complete in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.				
8	<b>Fibre Tank</b>				
	Providing and hoisting Master brand Fiber Glass Horizontal Cyl. Water Tank (Model 1H11), 1000 US Gallon capacity (approx. 3785 Liters). Dimensions approx. 108" x 60"x60". Tank shall be manufactured with high-quality FRP, featuring a smooth internal "tissue coating" for hygienic, algae-free, and odourless water storage. Material must be corrosion-proof, termite-proof, and UV-stabilized. Scope includes factory-fitted special brass fittings for inlet, outlet, and overflow, plus a secure top cover. Installation to be done on a level CC pad/MS stand as per site requirements. Rate includes all leak-proof sealing, labor, and a 5-year manufacturer leakage warranty.  Grating brand: Master or equivalent	No	1	35000/-	35000/-
C	<b>TOTAL AMOUNT OF PLUMBING WORKS</b>		PKR	276010.40/-	

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
D	<b>ELECTRICAL WORKS (BASED ON PREVAILING MARKET RATES)</b>				
<b>SECTION-I</b>					
<b>SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING WIRING ACCESSORIES ETC.</b>					
<b>Make - Ref. List of approved Manufacturers</b>					
1	Wiring of light circuit from DB to switch, between switches or first light point / directly controlled from DB with single core PVC insulated 2 x 1C - 2.5 sq.mm + 1 x 2.5 sq.mm Cu/PVC wires in 25 mm dia PVC conduit complete in all respect.	Nos	2	8000/-	16000/-

	Make: Pakistan Cable/Fast Cable				
2	Wiring from switch to first light point with 2 x 1C - 1.5 sq.mm + 1 x 1.5 sq.mm Cu/PVC wires in 25 mm dia PVC conduit complete in all respect. Make: Pakistan Cable/Fast Cable	Nos	8	3000/-	24000/-
3	Same as above from point to point. Make: Pakistan Cable/Fast Cable	Nos	3	3000/-	9000/-
4	Wiring of power circuit from DB to first power socket with 2 x 1C-2.5 sq.mm + 1x 2.5 Sq.mm Cu/PVC wires in 25 mm dia PVC conduit complete in all respect. Normal Make: Pakistan Cable/Fast Cable	Nos	14	<del>3000/-</del> 5000/-	70,000/-
TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			PKR	119,000/-	

<b>SECTION-II</b>					
<b>SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING SWITCHES, SOCKETS, OUTLET &amp; ACCESSORIES</b>					
<b>Make - Ref. List of approved Manufacturers</b>					
1 (a)	Following Switches etc. complete in all respect.				
a	3 - Gang . (1-way) Make: Schnieder/Clipsal	Nos	1	3600/-	3600/-
B	5 - Gang . (1-way) Make: Schnieder/Clipsal	Nos	1	3600/-	3600/-
1(b)	Following Switches etc. complete in all respect.				
a	13A International Switch socket outlet Make: Schnieder/Clipsal	Nos	14	3600/-	<del>3600/-</del> 50400/-
1(c)	Following sizes Back box for switches, sockets, Lights & Fans				
a	3x3 MS Back Box Make: Local	Nos	17	500/-	8500/-
b	6" Circular PVC Fan Box	Nos	3	500/-	1500/-

c	3" Circular PVC Light Box Make: Jeddah/Dadex/Pak Arab/Steelex	Nos.	8	500/-	4000/-
d	3" Circular Smoke Detector Box Make: Jeddah/Dadex/Pak Arab/Steelex	Nos.	2	500/-	1000/-
<b>TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM</b>			PKR	72600/-	
<b>SECTION-III</b>					
<b>SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING</b>					
<b>LIGHT FIXTURES &amp; FANS</b>					
Make - Ref. List of approved Manufacturers					
1	Following LED light fixtures complete in all respect.				
a	Linear Suspended LED Light - 6500K - min.36watt Make: Philips/Osram/Unilux/Coarts	Nos	6	17850/-	107100/-
2	Following Fans with complete accessories and hanging arrangements etc. complete in all respect.				
a	Metal frame Exhaust Fan 12" Make: Voldam/Royal/GFC/Millat	Nos.	2	7140/-	14280/-
3	Following Fans with complete accessories and hanging arrangements etc. complete in all respect.				
a	AC/DC 56" Ceiling Inverter Fan Make: Royal/GFC/SK/Millat	Nos	3	11900/-	35700/-
<b>TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM</b>			PKR	157080/-	
<b>SECTION- IV:</b>					
<b>SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING</b>					
<b>DISTRIBUTION BOARDS,CABLES, CONDUITS &amp; CABLE TRAY</b>					
Make - Ref. List of approved Manufacturers					
1	Following size multicore Cu/PVC/PVC, including lugs, glands, termination kits, etc. complete in all respect as shown on drawing.				
a	1 x 4C-10 Sqm Cu/PVC/PVC + 1x1C-6Sq.mm Cu./PVC as ECC from to Laundry DB in 50mm dia PVC conduit with complete installation Make: Pakistan Cable/Fast Cable	Rm	35	4165/-	145775/-
Note: Contractor will remove & refix all the pavers as in psition after cable laying. Minimum depth of the cable laying will be 1' from FFL.					

  
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b	1 x 2C-6 Sqm Cu/PVC/PVC from Laundry DB to existing UPS DB in 38mm dia PVC conduit with complete installation Make: Pakistan Cable/Fast Cable  Note: Contractor will remove & refix all the pavers as in psition after cable laying. Minimum depth of the cable laying will be 1' from FFL.	Rm	35	2380/-	83300/-
2	PVC Chanel Duck mounting and hanging arrangement from ceiling / wall as per drawing / site conditions, complete in all respect to the entire satisfaction to Client / Consultant.				
a	Chanel Duck (Patti) 80x80 in white colour	Rm	15	119/-	1785/-
3	Supply & Installation of the following distribution boards as per detail shown on drawing complete in all respect.				
a	Supply, Installation, Testing & Commissioning (SITC) of DB with concealed wall mounted, Locally fabricated in 16 guage, Colour Code:RAL7035, MS Powder Coated, Lugs, Phase indication lights, Busbar for Neutral & Earth with channel duct for internal wiring with all related accessories with dust proof enclosure IP42.  MCCB Make: Schnieder/ABB/Terasaki MCB Make: Schnieder/ABB/Terasaki Change Over Make: OPAS	Nos.	1	75000/-	75000/-
4	Following sizes of PVC conduits with complete fittings which include bends, sockets, elbow, junction box complete in all respect				
a	32 mm dia. Make: Dadex/Jeddah/Pak Arab/Steelex	Rm	15	119/-	1785/-
b	25 mm dia. Make: Dadex/Jeddah/Pak Arab/Steelex	Rm	30	119/-	3570/-
5	Following sizes of Core Cutting complete in all respect.				
a	Core Cutting 4" Dia	Nos.	2	595/-	1190/-
<b>TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM</b>			<b>PKR</b>	<b>312405/-</b>	
<b>'SECTION - V</b> <b>SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING</b> <b>WIRING &amp; ACCESSORIES FOR FIRE ALARM SYSTEM</b> Make - Ref. List of approved Manufacturers					

1	'Supply, installation, Testing and Commissioning of following including flexible conduits from points to device complete in all respects as per drawings / specs.				
a	Conventional 4 Zone Fire Alarm Control Panel with battery backup Make Honey Well Notifier Inertia / GENT or Bentel Italy	Nos.	1	132500/-	132500/-
B	Optical Smoke Sensor with Base conventional type Make Honey Well Notifier Inertia / GENT or Bentel Italy	Nos.	2	13250/-	26500/-
c	Manual Call Point with Resettable Element conventional type Make Honey Well Notifier Inertia / GENT or Bentel Italy	Nos	1	17490/-	17490/-
d	Electronic Sounder with Flasher conventional type. Make Honey Well Notifier Inertia / GENT or Bentel Italy	Nos	1	18550/-	18550/-
e	Wiring of complete Fire Alarm System with 2C-1.5 Sq.mm PVC/XLPE (Fire Resistance Cable- 2 hours fire rating) in 25 mm dia PVC Conduit complete in all respect.	Rm	30	1000/-	30000/-
<b>TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM</b>			PKR	225040/-	
<b>D</b>	<b>TOTAL AMOUNT OF ELECTRICAL WORKS</b>		PKR	886125/-	

<b>TOTAL AMOUNT OF SCHEDULED AND NON-SCHEDULE ITEMS A + B + C + D</b>	PKR	3846899.30/-
<b>ADD SST @ 15%</b>	PKR	577034.90/-
<b>GRAND TOTAL AMOUNT (INCL. SST)</b>	PKR	4423934.20/-

**Grand Total Amount in Words:**

Rupees: Four Million Four hundred twenty three thousand

Nine hundred thirty four and twenty Pava Only.

CREATIVE CONTRACTORS  
Contracting Engineers

Stamp & Signature