

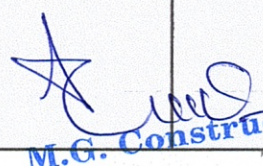
6. Bill of Quantity**REHABILITATION CED INCUBATION OFFICE AT HBL ACADEMIC BLOCK AT IBA CITY CAMPUS**

S. No	Description of work	Unit	Qty	Rate	Amount
Civil & Interior Works					
SECTION A: SCHEDULED BASED ITEMS BASED ON CSR 2024					
1	Block Masonry Dismantling				
	Dismantling cement block masonry. (Chapter No 2, Item # 14, Page # 19)	Cft	140.0	50.70	7,098.00
2	Tiles Dismantling				
	Dismantling glazed or encaustic tiles etc. (Chapter No 2, Item # 55, Page # 22)	Sft	150.0	31.19	4,678.50
3	Dismantling of Concrete				
	Dismantling cement concrete plain 1: 3: 6. (Chapter No 2, Item # 19 (b), Page # 20)	Sft	50.0	87.14	4,357.00
4	Cement Plastering				
	Cement plaster 1:4 upto 12' height. (Chapter No 9, Item # 11 (a) , Page # 52)	Sft	650.0	53.82	34,983.00
A	3/4" thick				
5	Concrete Block Masonry				
	Providing and laying 1 : 3 : 6 cement concrete solid block masonry wall 6" and below in thickness set in 1: 6 cement mortar in ground floor Super Structure including raking out joints & curring etc, complete (Chapter No 4, Item # 24 (a) , Page # 27)				
	Above plinth , set in (1:6) mortar.				
A	6"	Cft	130.0	514.82	66,926.60
6	Porcelain Tiles				
	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. (Chapter No 8, Item # 28 (vii) , Page # 46)				
a	24"x24"x5/16" or 12" x 24" x 5/16"	Sft	250.0	439.57	109,892.50
TOTAL AMOUNT OF SCHEDULED ITEMS CSR 2024 (CIVIL WORKS)			PKR	227,935.60	
ADD PREMIUM/REBATE (–20%)			PKR	45587.12	
(A) TOTAL AMOUNT OF SCHEDULED BASED ITEMS CSR 2024 (INCLUDING PREMIUM/REBATE)			PKR	182348.48	
SECTION B NON-SCHEDULE RATE ITEMS					
1	Supports for Plaster				
	Supply and fix (min) 150 mm wide galvanized mesh 17 SWG (weighing minimum 1.8 Kg/Sq.m), of diamond pattern with G.I Nails at 230mm c/c, mesh shall be fixed over electrical conduits / junction and between masonry and structural members or, where in the opinion of Engineer, complete in all respect as specification.	Sft	100.0	180	18,000
2	12mm Tempered Fully Glazed Glass Wall Partition				
	Providing and fixing 12mm thick tempered glass of Ghani or approved equivalent including 3mmm safety film 175 micron aluminum fixed partition of Pakistan Cables or approved equivalent champagne anodized aluminium section D-48 (100mm x 38mm x 2mm) thick including the aluminium fittings and 3M frosted paper with all accessories cutting hole etc. and making good damages rtc complete as required in any floor as per direction of Engineer In-Charge.	Sft	400.0	1430	572,000
3	12mm Tempered Glass Door (3'-0" x 7'-0")				
	Providing & fixing 12mm thick tempered glass swing door of Ghani or approved equivalent including fixing of DLock (KHAS or approved) , Silicon , Door Handle of KHAS or approved equivalent, floor hinge machine with pivots of NEW STAR 222Z brand or approved equivalent including frosted film of 3M with all accessories, cutting holes etc and making good damages etc complete as required in any floor as per direction of Engineer Incharge.	Sft	105.0	1650	173,250
4	2"x2" S.S Pipe Frame with Base Plate (Only Horizontal length will be measured)				

	Supply fabricate and fix 2"x2"x18 Gauge S.S Pipe frame Horizontal with partial wood inside fixed on top for additional support of D-48 Aluminium Section Frame of Glass Partition . The horizontal SS pipe shall be supported	Rft	50.0	2500	125,000
	by vertical support of 2"x2" S.S pipe at 4' Center to Center to be fixed on roof with 200 x 200 x 6 mm M.S base plate with 12mm dia expansion bolts embedded in concrete/Block Masonary Wall complete in all respect as per drawing, specification and as directed by the Engineer.				
5	Granite.				
	Supply and lay pre-polished granite as specified on staircase as per approved sample, including filling and grouting the joints with white cement and matching pigment, complete in all respect as per drawing and as directed by the Engineer.				
	Imperial Grey/ Pink				
	On Floor : Granite slab 3/4" thick of required size with a setting bed of 40mm thick mortar in (1:3).	Sft	50.0	1000	50,000
6	Gypsum Ceiling Tiles.				
	Supply and lay pvc laminated Gypsum ceiling tiles of DFB or equivalent of square edge, size 600 x 600 x 9mm thick in approved surface designs and textures , laid into a exposed T-Bar metal system frame work suspended from the structural ceiling, complete in all respect as per drawing and specifications.	Sft	400.0	160	64,000
7	Removal of Doors / Windows & Ventilators.				
	Removing of existing doors, windows and ventilators along with their frames at any level with due care and its stacking within the project premises in safe custody till it is handed over to the owner and disposal of rubbish material as directed by the Engineer, complete in all respect as per specifications..	Each	2.0	2500	5,000
(B) TOTAL AMOUNT OF NON SCHEDULED B.O.Q ITEMS (CIVIL WORKS)			PKR	1,007,250.00	
TOTAL AMOUNT OF B.O.Q ITEMS (SCHEDULE & NON-SCHEDULE WORKS) (A + B)			PKR	1,189,598.48	

SECTION-C
SUPPLY, INSTALLATION, TESTING & COMMISSIONING WIRING ACCESSORIES ETC.
Make - Ref. List of approved Manufacturers


M.G. Construction

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.	No	3.00	3200	9,600
2	Wiring from switch to first light point with 2 x 1C - 1.5 sq.mm wires in 25 mm dia PVC conduit complete in all respect.	No	7.00	2500	17,500
3	Same as above from point to point.	No	23.00	1850	42,550
4	"Wiring of power circuit from DB to first power socket with 2 x 1C-4 sq.mm + 1x 2.5 Sq.mm Cu/PVC wires in 25 mm dia PVC conduit complete in all respect. Normal & UPS"	No	4.00	4500	18,000
5	"Wiring of power circuit from outlet to outlet 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 & UPS"	No	16.00	2600	41,600
6	"Wiring of power circuit from DB to AC - Isolator point and outdoor with 2 x 1C-6 sq.mm + 1x 2.5 Sq.mm Cu/PVC wires in 25 mm dia PVC conduit complete in all respect."	No	5.00	11500	57,500
(C) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			PKR	186,750	

SECTION-D					
SUPPLY, INSTALLATION, TESTING & COMMISSIONING					
SWITCHES, SOCKETS, OUTLET & ACCESSORIES					
Make - Ref. List of approved Manufacturers					
(a)	Following Switches etc. complete in all respect.				
a	4 - Gang . (1-way)	No	7.00	2500	17,500
1 (b)	Following Switches etc. complete in all respect.				
a	13A International Switch socket outlet	No	10.00	2600	26,000
b	13A Duplex type - Flat Pin	No	10.00	3200	32,000
c	13A Isolator switch for A.C	No	5.00	8400	42000
1 (c)	Following sizes M.S Back box for switches and sockets				
a	3x3 M.S Back Box	No	48.00	550	26,400



M.G. Construction

Proprietor

Stamp & Signature

Proprietor

(D) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			PKR	143,900.00	
SECTION-E					
SUPPLY, INSTALLATION, TESTING & COMMISSIONING					
WIRING & ACCESSORIES FOR DATA & WiFi system					
Make - Ref. List of approved Manufacturers					
a	"Supply, installation, Testing and Commissioning of following including flexible conduits from points to device complete in all respects as per drawings / specs."				
b	Corning Or D-link Cat 6, UTP, PVC, 4 Pairs, 305 Meter Coil & 1000 RFT Box	Ft	1000.00	80	80,000
c	Corning K6 I/O Modular Jack Cat6	No	22.00	1350	29,700
	Corning Dual shutter Phase plate with Back Boxes incl. Fitting Accessories	No	5.00	1150	5,750
e	Corning Single shutter Phase plate with Back Boxes incl. Fitting Accessories	No	1.00	950	950
F	Corning - Patch Cord Cat 6 UTP Size 1m	No	11.00	1300	14,300
g	Corning Patch Panel 24 port	No	1.00	12000	12,000
h	"Channel Duct – Adamjee 25x38"	Ft	100.00	90	9,000
I	Corning Cable Manager Black Front 19" Plastic Body	No	1.00	4500	4,500
J	PVC Pipe 1" – Jeddah	Ft	100.00	65	6,500
K	"Flexible Pipe - Jeddah Size: ¾" "	Ft	50.00	45	2,250
L	Perforated 9U Rack with Fan 800x1000	No	1.00	10850	10,850
m	"Other Accessories: fitting Screws, Washer, PVC, UPVC Band Sockets, Casio Ribbon Tape Qty 01, saddle, Ties, Velcro Strips Etc."	Job	1.00	6500	6,500
n	1000ft UTP Cable, Channel and PVC Pipe laying and installation all related items, Rack Harnessing, End to End ribbon tagging.	ft	1500.00	55	82,500
(E) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			PKR	264,800	

SECTION-F					
SUPPLY, INSTALLATION, TESTING & COMMISSIONING					
AIR CONDITIONING SYSTEM					
Make - Ref. List of approved Manufacturers					

1	Supply, Installation, Testing and Commissioning of Indoor wall mounted Air Conditioning Inverter units, including unloading, lifting, placing and Supply , Installation, Testing & Commissioning of the supporting arrangements for outdoor units in the external area with proper coating of paints to prevent rusting due environment conditions fixing as per site including Gas charging (if required) complete in all respect.				
a	1.0 TR- Wall Mounted Inverter A.C	Nos	5.00	115000	575000
2	Supply and Installation of Split AC Refrigerant Copper Piping & Fittings.				
a	Dia 3/8" & 1/4" (50Feet=1 Coil)	Nos	3.00	32000	96000
	Following sizes of Core Cutting complete in all respect.				
a	Core Cutting 3" Dia	Nos	5.00	2500	12500
4	"Supply, installation, Testing and commissioning of uPVC including all accessories as per site condition."				
a	25mm dia uPVC conduit.	Rm	35.00	250	8750
b	20mm dia uPVC Conduit	Rm	35.00	200	7000
(F) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			PKR	699,250.00	

SECTION-G SUPPLY, INSTALLATION, TESTING & COMMISSIONING DISTRIBUTION BOARDS,CABLES & CABLE TRAY 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. Cables if layed in cable tray trafoil arrangements shall be made"				
A	"1 x 4C-25 Sqm Cu/PVC/PVC + 1x1C-10Sq.mm Cu./PVC as ECC from CED DB to Existing LV Panel at Ground floor Cable tray with complete installation"	Rm	65.00	3980	258,700
2	"Galvanized Cable Tray including Cover of 16 SWG M.S. sheet steel (perforated) having 02 coats of Zinc Chromate paint with cover and hanging arrangement from ceiling / wall as per drawing / site conditions, complete in all respect to the entire satisfaction to Client / Consultant."				
a	100mm x 75mm 16 SWG	Rm	55.00	3000	165,000

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 Distribution Box with concealed wall mounted, Locally fabricated in 16 guage, Colour Code:RAL7035, MS Powder Coated, PVC Glands, Lugs, Phase indication lights, Digital Ammeter & Voltmeter, Copper Busbar for	Nos	1.00	65000	65,000
	Neutral & Earth with channel duct for internal wiring. Glands at Top/Bottom In & Out, CT's, with all related accessories with dust proof enclosure. Main AC Breaker 125A ,TP,MCCB,400V/415V, Qty:02 Load Breaker 1Pole, 10A, MCB,220V/230V, Qty:05 Load Breaker 1Pole 16A/20A,MCB,220V/230V, Qty:05 Load Breaker 1Pole 25A/32A,MCB,220V/230V, Qty:06 Digital Voltmeter Meter & Ammeter: Tense/Vteke/Multispan CT's: Ficco/Saci or Equivalent MCCB Make: Hager/ABB/Terasaki MCB Make: Hager/ABB/Terasaki Note: Contractor must upgrade the PVC Insulated cable links in IBA existing LV panel."				
(G) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			PKR	488,700.00	

TOTAL AMOUNT OF ELECTRICAL WORKS (C+D+E+F+G)	PKR	1,783,400.00
TOTAL AMOUNT OF CIVIL & ELECTRICAL WORKS (A+B+C+D+E+F+G)	PKR	2,972,998.48
ADD 15% SST	PKR	445,949.77
GRAND TOTAL AMOUNT (INCL. SST) (A+B+C+D+E+F+G)	PKR	3,418,948.25

Grand Total Amount Rupees in Words: Rs. Three Million Four Hundred Eighteen Thousand Nine Hundred Forty Eight Rupee & Twenty Five Paisa