

6. Bill of Quantity

Construction of Storage Room at IBA Main Campus

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
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A-SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2024					
1	CC Floor cutting				
	(a) Dismantling cement concrete plain 1: 4: 8. Refer Item No. 19(a) Page no. 19 Chapter No. 2	P.Cft	51	68.12	3,474.12
2	Excavation				
	Excavation in foundation of Building Bridges and other structures including dabbbling dressing, refilling around structure with excavated earth Watering and ramming lead upto 5 ft. , lead upto one chain (30 metre) and lift upto 5 ft. (1.5metre). (b) In ordinary soil Refer Item No. 18(b) Page no. 17 Chapter No. 1	P.Cft	357	11.88	4,241.16
3	Situ Concrete (1:3:6)				
	"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	306	388.67	118,933.02
4	Termite Control Treatment				
	"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"	P.Sft	480	11.46	5,500.80
5	Sub-Flooring Base (1:3:6) (3")				

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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 ReferItemNo.5(h)Pageno.24Chapter No. 4"	P.Cft	120	388.67	46,640.40
6	CC Flooring(3")				
	"Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (f)Ratio.1:2:4 ReferItemNo.5(f)Pageno.25Chapter No. 4"	P.cft	120	443.54	53,224.80
7	Plaster				
(i)	Internal Plaster				
a	"Cementplaster1:6upto12'upto20ft height. (b)1/2""thick. ReferItemNo.13(b)PageNo.52chapter no. 9"	P.Sft	1,030	37.01	38,120.30
(ii)	External Plaster				
a	"Cementplaster1:4upto12'height. (c)3/4""thick ReferItemNo.11(c)PageNo.52chapter no. 9"	P.Sft	472	53.82	25,403.04
8	Internal Paint				
	"Preparing the surface and painting with matt finish l/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zinc/chalk/plaster of paris mixture, applying first coat premix, making the surfacesmoothandthenpainting3coats with matt finish of approved make etc: complete .(new surface). ReferItemNo.36(A)PageNo.54chapter no. 9"	P.Sft	1,750	49.27	86,222.50
9	External Paint				
a	"Preparing the surface and painting with weather coat l/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. ReferItemNo.38-APageNo.54"	P.Sft	472	39.38	18,587.36
b	"2nd&subsequent coat ReferItemNo.38-BPageNo.54"	P.Sft	472	23.60	11,139.20

TOTALAMOUNTOFB.O.QITEMS(CIVILWORKS)				411,486.70
PREMIUM/REBATE(-)20%				82297.34
A-TOTALAMOUNTOFB.O.QITEMSAFTER PREMIUM/REBATE CIVILWORKS				329189.36
B-NON-SCHEDULERATEITEMS(BASEDONPREVAILINGMARKETRATES)				
1	Stone Soling			
	6"inchthickcompactedstonesoling under floor	Sft	480	95
2	Block Masonry			
	"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 Super Structure including raking out joints,curing,providingwiremeshof18 SWG over electric and plumbing Conduiting etc. complete."			
a	6"thick	P.cft	576	500
3	Pre-cast Slab			
	Supplying and installing precast RCC slab (2x4 ft)including 1 ft wide projection on all sides. It also includes precast girder RCC girder of W-section at a distance of 2ft c/c.	P.sft	720	380
4	Pre-cast Rain waters pouts			
	Providing and fixing pre-castrain water spouts (Size: 6" x 12") complete in all respects as per direction of the Engineer	Nos.	2	2000
5	Roof Screeding			
	Providingandlaying3"thick(avg)cement concrete screed of1:2:4 ratio, using3000 psi concrete, laid in panels at any floor or height, including formwork, vibrating, curing etc. Complete in all respects and conforming to the requirements of drawings, specifications and to the entire Satisfaction of the Engineer.	Nos.	180	350
6	Roof Treatment			

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	Providing & Laying elastomeric cementitious waterproofing and protective coating of Expancote Rubber-flex two component acrylic polymer modified cementitious coating manufactured by M/s FOSPAK or equivalent confirming to ASTM D412 & ASTMD4541:1989intwocoatstoachieve a total dry film thickness of 1.25 - 2.00 mm as per manufacturer's recommendation with experiences applicator.	Sft	720	95	68400
7	Doors with Frame				
	Providing and fixing doors of the following types consisting of G.I. frame(18 SWG) and solid shutter with texture formica facing (tuff grade), golden teak lipping including 1:2:4 cement concrete filling in door frame, mortise lock with handle, beading, architrave, fittings, kick plates, polishing and enamel paint etc. complete in all respects as per drawings, schedule & specifications and/or as Directed by the Engineer.				
a	D-1(Size:5'-0"x8'-0")	Sft	80	1800	144000
8	Aluminum Ventilators				
	Providing and fixing fully glazed powder coated aluminum ventilators of approved manufacturer using outer frame 4" wide extended sections and sliding/ fly proof shutters1.6mm thick section, glazed with distortion free 5mm thick clear glass including all hardware, PVC/rubber gas kit and sealant complete as per schedule and specifications and/or as directed by the Engineer.(Sample and shade as approved By the Architect /Engineer Incharge)				
a	V-1(Size:4'-0"x1'-6")	Sft	18	2500	45000
B-TOTALAMOUNT OFNON-SCHEDULEITEMS CIVILWORKS			PKR	931600	
ELECTRICALWORKS					
"SECTION-C SUPPLY,INSTALLATION,TESTING&COMMISSIONING WIRING ACCESSORIES ETC. Make-Ref. List of approved Manufacturers"					

1	Wiring of light circuit from DB to switch, between switches or first light point / directly controlled from DB with single corePVCinsulated2x1C-2.5sq.mm+1x2.5sq.mmwiresin25mmdiaPVC conduit complete in all respect.	Nos	2	2500	5000
2	Wiring from switch to first light point with 2 x 1C - 1.5 sq.mm + 1 x 1.5 sq.mm wires in 25 mm dia PVC conduit complete in all respect.	Nos	2	1600	3200
3	Same as above but from point to point.	Nos	6	1100	6600
4	"Wiring of power circuit from DB to first power socket with 2 x 1C-2.5sq.mm+1x2.5Sq.mmPVCwires in 25 mm dia PVC Conduit complete in all respect. Normal & UPS"	Nos	1	2500	2500
5	"Wiring of power circuit from outlet to outlet power socket with 2 x 1C-2.5sq.mm+1x2.5Sq.mmPVCwires in 25 mm dia PVC Conduit completein all respect. Normal & UPS"	Nos	1	1600	1600

C-TOTALAMOUNTOFNON-SCHEDULEDBASED ITEM**PKR****18900**

"SECTION-D
SUPPLY,INSTALLATION,TESTING&COMMISSIONING
SWITCHES, SOCKETS, OUTLET & ACCESSORIES
Make-Ref. List of approved Manufacturers"

1(a)	Following Switches etc. Complete in all respect.				
a	4-Gang.(1-way)	Nos	2	1800	3600
1(b)	Following Switches etc. complete in all respect.				
a	13AInternationalSwitchsocketoutlet	Nos	2	1200	2400
1(c)	Following sizes M.S Back box for switches and sockets				
a	3x3PVCBackBox	Nos	7	100	700

D-TOTALAMOUNTOFNON -SCHEDULEDBASED ITEM**PKR****6700**

"SECTION-E
SUPPLY,INSTALLATION,TESTING&COMMISSIONING LIGHT
FIXTURES & FANS
Make-Ref. List of approved Manufacturers"

1	Following LED light fixtures complete in all respect.				
a	LEDWallmountedTubelight-6500K- min. 36watt	Nos	5	2000	10000
2	Following Fans with complete accessories and hanging arrangements etc. complete In all respect.				
a	AC/DC56"CeilingFan	Nos	3	10500	31500
E-TOTALAMOUNTOFNON-SCHEDULEDBASED ITEM			PKR	41500	

SECTION-F:
SUPPLY,INSTALLATION,TESTING&COMMISSIONING
SWITCHBOARDS / DISTRIBUTION BOARDS
Make-Ref. List of approved Manufacturers

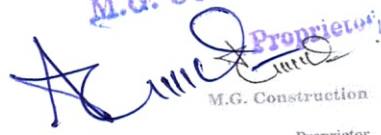
1	Supply & Installation of the following distribution boards as per detail shown On drawing complete in all respect.				
a	"Indoor wall mounted concealed DB with Phase indication lights, gland bottom in bottom out, Locally fabricated in 16 gauge, ColourCode:RAL7035,MSPowder Coated with proper door lock, neutralbar, earth bar & following details: ACBreakerMCB10A,1P,Qty=3 ACBreakerMCB16A,1P,Qty=2 ACBreakerMCB20A,1P,Qty=1 ACBreakerMCB63A,4P,Qty=1 MCB make:Himel/CNC/Chintor Equivalent"	Nos	1	30000	30000
F-TOTALAMOUNTOFNON-SCHEDULEDBASED ITEM			PKR	30000	

"SECTION-G:
SUPPLY,INSTALLATION,TESTING&COMMISSIONING MAIN.
SUB-MAIN CABLES & CONDUITS
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	"4C-10SqmCu/PVC/PVC+1x2.5C-6Sq.mm Cu./PVCas ECC from Existing Pump Room DB to IT Scrapyard DBin38mmdiauPVCconduit."	Rm	50	2500	125000
2	Following sizes of PVC conduits complete in all respect				

a	25mm dia.	Rm	15	125	1875
b	20mm dia.	Rm	15	100	1500
G-TOTALAMOUNTOFNON -SCHEDULEDBASED ITEM			PKR	128375	
TOTALAMOUNTC+D+E+F+G ELECTRICAL WORKS			PKR	225475	
TOTALAMOUNT(A+B+C+D+E+F+G)			PKR	1486264.36	
ADD15%SST			PKR	222939.65	
GRANDTOTALAMOUNTWITH15%SST			PKR	1709204.00	

Grand Total Amount Rupees in Words: Rs. One Million Seventy Hundred Nine Thousand Two Hundred & Four Rupees

M.G. Construction
Proprietor

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Stamp & Signature