

6. Bill of Quantity**Extension of Store at Ground Floor O&S Building**

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
(A) SCHEDULE RATE ITEMS BASED ON CSR (SINDH) 2024					
STORE					
1	Wall Dismantling				
	Dismantling cement block masonry. Refer Item No. 14 Page No. 19 chapter no. 2	P.Cft	25.50	50.70	1,293
2	Plaster				
	Internal Plaster(1:6)				
a	Cement plaster 1:6 upto 12' upto 20 ft height. (b) 1/2" thick. Refer Item No. 13(b) Page No. 52 chapter no. 9	P.Sft	648.27	37.01	23,993
	External Plaster(1:4)				
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	611.77	39.83	24,367
3	Internal Paint				
	Preparing the surface and painting with matt finish I/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 surface smooth and then painting 3 coats with matt finish of approved make etc. complete .(new surface). Refer Item No. 36(A) Page No. 54 chapter no. 9	P.Sft	4,343.18	49.27	213,989
4	External Paint				
	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 & B Page No. 54	P.Sft	823.44	39.38	32,427

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
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(A) TOTAL AMOUNT OF SCHEDULED BASED ITEMS (CIVIL WORKS)		296,068.08			
PREMIUM / REBATE (-20%)		59,213.61/-			
TOTAL AMOUNT OF SCHEDULED BASED ITEMS (INCLUDING PREMIUM/REBATE)		236,854.46/-			
(B) NON-SCHEDULE RATE ITEMS (BASED ON PREVAILING MARKET RATES)					
1	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, 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.				
a	6" thick	P.cft	305.89	577.2	1,76,559.70
2	Lintels				
	Reinforced cement concrete work including all labour and material including 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 lintels laid in situ or precast laid in position with 6" bearing on both sides 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.	P.cft	7.67	3330	25,541.1

3	Wooden Door				
	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of first class deodar wood skeleton (Solid) styles and rails core of partal wood and Teak ply wood (3 ply) on both sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. Refer Item No. 51 Page No. 60 Chapter No. 10				
a	D-1 (Size: 5'-0" x 7'-0")	P.sft	105.00	643.80	67599
4	Aluminium Windows				
a	Sliding				
	Supplying & fixing in position Aluminum channels framing for sliding windows & ventilators of made with 2 mm thick tinted glass glazing & Aluminum fly screen l/c handles stoppers & locking arrangement of Chawla or approved quality etc. complete.				
a	W-1 (Size: 4'-0" x 4'-0")	P.sft	16.00	1665	26640
5	Granite Top				
	Providing and fixing granite top of sado white or equivalent colour including grinding, polishing, 3/4" chamfer nosing including three no carbondum strips and fixing over 3/4" thick base 1:6 CSM complete as per drawing and specification	Sft	3.00	2000	6000
(B) TOTAL ESTIMATED AMOUNT OF NON-SCHEDULE ITEMS (CIVIL WORKS)				302,339.70/-	

B.O.Q Item	Description	Unit	Quantity	Rate	Amount
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 core PVC insulated 2 x 1C - 2.5 sq.mm + 1 x 2.5 sq.mm wires in 25 mm dia PVC conduit complete in all respect.	Nos	2.00	3000	6000

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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	4.00	2600	10400
3	Same as above but from point to point.	Nos	4.00	2500	10000
4	Wiring of power circuit from DB to first power socket with 2 x 1C-2.5 sq.mm + 1x 2.5 Sq.mm PVC wires in 25 mm dia PVC conduit complete in all respect. Normal & UPS	Nos	2.00	4500	9000
5	Wiring of power circuit from outlet to outlet power socket with 2 x 1C-2.5 sq.mm + 1x 2.5 Sq.mm PVC wires in 25 mm dia PVC conduit complete in all respect. Normal & UPS	Nos	6.00	2400	14400
(C) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM				49,800/=	

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	2.00	1450	2900
1(b)	Following Switches etc. complete in all respect.				
a	13A International Switch socket outlet	Nos	6.00	1387.50	8325
1(c)	Following sizes M.S Back box for switches and sockets				
a	3x3 PVC Back Box	Nos	20.00	144.30	2886.
(D) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM				14,111/=	

SECTION-E

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

1	Following LED light fixtures complete in all respect.				
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a	LED Batten hanging light - 6500K - min. 40watt	Nos	8.00	2442	19536
2	Following Fans with complete accessories and hanging arrangements etc. complete in all respect.				
a	Air Circulating 14" Ceiling Fan	Nos	8.00	12210	97680
b	Exhaust fan 10" with metal body	Nos	5.00	7000	38850
(E) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM				1,40,600/-	

SECTION - F:
SUPPLY, INSTALLATION, TESTING & COMMISSIONING
WIRING & ACCESSORIES FOR DATA & WiFi system
 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	RJ-45 Cat-6 including I/O with face plate (Simplex) accessories complete in all respect.	Nos	2.00	800	1600
b	Cat-6 UTP cable in 25mm dia pvc conduit from each outlet to Data Network Switch at first floor with end to end data nodes.	Rm	180.00	250	45000
(F) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM				46,600/-	

SECTION - G:
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.				
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a	Indoor wall mounted storage room DB with Phase indication lights, gland bottom in , bottom out, Locally fabricated in 16 gauge, Colour Code: RAL7035, MS Powder Coated with proper door lock, neutral bar, earth bar & following details: AC Breaker MCB 10A, 1P, Qty=4 AC Breaker MCB 16A, 1P, Qty=4 AC Breaker MCB 20A, 1P, Qty=2 AC Breaker MCB 63A, 4P, Qty=1 MCB make: Himel/CNC/Chint or Equivalent	Nos	1.00	30000	30000
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(G) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM 30000/-

SECTION - H:
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-10 Sqm Cu/PVC/PVC + 1x1C-6Sq.mm Cu./PVC as ECC from Storage room DB to GF-02 DB in 38mm dia uPVC conduit.	Rm	35.00	4000	140000.
2	Following sizes of PVC conduits complete in all respect				
a	32 mm dia.	Rm	5.00	250	1250
b	25 mm dia.	Rm	45.00	200	9000
c	20 mm dia.	Rm	30.00	180	5400
3	Following sizes of Core Cutting complete in all respect.				
a	Core Cutting 4" Dia	Nos	2.00	4000	8000

(Handwritten mark)

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(H) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM				163650/-	
SECTION - I: ✓ SUPPLY, INSTALLATION, TESTING & COMMISSIONING WIRING & ACCESSORIES FOR FIRE ALARM SYSTEM 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 Fire alarm control panel	Nos	1.00	40000	410000
b	Smoke Detector.	Nos	4.00	2000	8000
c	Manual call point (Break glass).	Nos	1.00	2500	2500
d	Fire alarm sounder.	Nos	1.00	3000	3000
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.	Rm	50.00	500	25000
(I) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM				78,500/-	

GROSS TOTAL AMOUNT OF A+B+C+D+E+F+G+H+I	10,62,455.16/-
ADD 15 % SRB ON GROSS TOTAL AMOUNT	159,368.27/-
GRAND TOTAL AMOUNT INCLUDING SRB	12,21,823.43/-

Grand Total Amount (in words) Twelve Lac twenty one thousand eight

hundred & twenty three rupee and forty three paise.

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