Comparative Staement
Construction of Faculty Rooms at Tabba Block IBA Main Campus
Tender # CW/13/26-27

B.O.Q Item	Description	Unit	Quantity	Engineers' Estimate		M/s. Al-Dost Engineering Services		M/s. Teknix Engineering Company		M/s. American Commercial Building Management Services (Pvt) Ltd.	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
(A) Civil Works											
1	Cement Board Partition Work: 4" thick Cement Board Partition. Inner frame made of galvanized MS rafters with necessary supports. On both sides 9 mm thick cement board will be fixed with rivets etc including necessary grooves on sheet joints or as per direction by the engineer. Without paint.	Sft	290.00	1,100.00	319,000.00	900.00	261,000.00	720.00	208,800.00	1,166.00	338,140.00
2	Bulkhead over doors: Providing and fixing of 4" thick Bulkhead over doors in Cement Board. Inner frame made of Galvanized MS Rafters with necessary support. On both sides 9 mm thick cement board will be fixed with rivets etc including necessary grooves on sheet joints or as per direction by the engineer. Without paint.	Sft	15.00	1,100.00	16,500.00	900.00	13,500.00	720.00	10,800.00	960.00	14,400.00
3	Wooden Doors: Providing & Fixing Wooden Doors (3' x 7') in beech ply with Door Frame (4" x 1.5") made of beechwood with proper fixing with partitions. Complete with all necessary hardware. Without polish.	Sft	42.00	1,550.00	65,100.00	1,450.00	60,900.00	1,500.00	63,000.00	2,800.00	117,600.00
4	PVC Skirting: Providing and fixing of 4" wide PVC skirting in approved shade and as per direction by the engineer.	Rft	60.00	385.00	23,100.00	300.00	18,000.00	150.00	9,000.00	380.00	22,800.00
5	Providing and fixing fully glazed powder coated aluminum windows of approved manufacturer (Make: Pakistan cables, Prime, Chawala) using outer frame 4" wide extended sections and sliding/ fly proof shutters 1.6mm thick section champaign color or Bronze Color, glazed with distortion free 5mm thick brown tinted glass including all hardware, PVC/ rubber gaskit 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)	Rft	55.00	2,650.00	145,750.00	1,800.00	99,000.00	1,850.00	101,750.00	2,500.00	137,500.00
	(A) TOTAL AMOUNT OF CIVIL WORKS		**PKR**		**569,450.00**		**452,400.00**		**393,350.00**		**630,440.00**
(B) Electrical Works											
SECTION-I **SUPPLY, INSTALLATION, TESTING & COMMISSIONING WIRING ACCESSORIES ETC.** **Make - Ref. List of approved Manufacturers**											
1	Wiring of light circuit from DB to switch 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. Make: Pakistan Cable/Fast Cable/Newage Cable	Nos.	2.00	12,500.00	25,000.00	5,000.00	10,000.00	1,750.00	3,500.00	114,000.00	228,000.00
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.	2.00	5,500.00	11,000.00	5,000.00	10,000.00	1,750.00	3,500.00	8,500.00	17,000.00
3	Same as above from point to point. Make: Pakistan Cable/Fast Cable	Nos.	2.00	3,000.00	6,000.00	5,000.00	10,000.00	1,750.00	3,500.00	4,600.00	9,200.00
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.	2.00	12,500.00	25,000.00	5,000.00	10,000.00	1,750.00	3,500.00	14,000.00	28,000.00
5	Wiring of power circuit from power socket to 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 Make: Pakistan Cable/Fast Cable	Nos.	2.00	5,500.00	11,000.00	5,000.00	10,000.00	1,750.00	3,500.00	6,800.00	13,600.00
	(I) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM		**PKR**		**78,000.00**		**50,000.00**		**17,500.00**		**295,800.00**
SECTION-II **SUPPLY, INSTALLATION, TESTING & COMMISSIONING SWITCHES, SOCKETS, OUTLET & ACCESSORIES** **Make - Ref. List of approved Manufacturers**											
1(a)	**Following Switches etc. complete in all respect.**										
a	2 - Gang . (1-way) Make: Schnieder/Clipsal	Nos.	2.00	1,500.00	3,000.00	1,650.00	3,300.00	1,750.00	3,500.00	1,860.00	3,720.00
1(b)	**Following Switches etc. complete in all respect.**										
a	13A International Switch socket outlet Make: Schnieder/Clipsal	Nos.	2.00	2,500.00	5,000.00	3,500.00	7,000.00	1,750.00	3,500.00	2,150.00	4,300.00
b	13A Flat Pin Duplex Switch socket outlet Make: Schnieder/Clipsal	Nos.	2.00	3,000.00	6,000.00	3,500.00	7,000.00	1,750.00	3,500.00	3,100.00	6,200.00
1(C)	**Following sizes Back box for switches, sockets, Lights & Fans**										

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a	3x3 PVC Box Make: Local	Nos.	6.00	250.00	1,500.00	800.00	4,800.00	290.00	1,740.00	120.00	720.00
b	3x6 PVC Box Make: Local	Nos.	2.00	350.00	700.00	3,500.00	7,000.00	290.00	580.00	250.00	500.00
(II) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			**PKR**		**16,200.00**		**29,100.00**		**12,820.00**		**15,440.00**
SECTION-III **SUPPLY, INSTALLATION, TESTING & COMMISSIONING LIGHT FIXTURES & FANS** **Make - Ref. List of approved Manufacturers**											
1	**Following LED light fixtures complete in all respect.**										
a	Recessed LED Down Light - 6500K - min.17watt Make:Philips/Osram/Unilux/Coarts/Osaka	Nos	4.00	3,500.00	14,000.00	1,800.00	7,200.00	3,000.00	12,000.00	3,000.00	12,000.00
(III) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			**PKR**		**14,000.00**		**7,200.00**		**12,000.00**		**12,000.00**
SECTION-IV **SUPPLY, INSTALLATION, TESTING & COMMISSIONING DISTRIBUTION BOARDS, CABLES, CONDUITS & 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.**										
a	1 x 4C-6Sq.mm Cu/PVC/PVC + 1x1C-2.5Sq.mm Cu./PVC as ECC from Tabbha 2nd floor Electrical DB to New DB in Chanel Duct (80x80) with complete installation Make: Pakistan Cable/Fast Cable/Newage Cable	Rm	15.00	3,500.00	52,500.00	1,550.00	23,250.00	3,000.00	45,000.00	4,550.00	68,250.00
b	1 x 2C-4 Sqm Cu/PVC/PVC from Tabbah 2nd floor UPS DB with complete installation Make: Pakistan Cable/Fast Cable	Rm	15.00	1,200.00	18,000.00	1,550.00	23,250.00	1,260.00	18,900.00	1,000.00	15,000.00
2	**Supply & Installation of the following distribution boards as per detail shown on drawing complete in all respect.**										
a	Supply, Installation, Testing & Commissioning (SITC) of Clopal 14 way DB Neutral & Earth for internal wiring with all related accessories with dust proof enclosure. 1) I/P MCB, 4P, 400VAC, 63A x 1 Nos 2) I/P MCB, 2P, 230VAC, 32A x 1 Nos 3) O/P MCB, 1P, 220VAC, 10A x 2 Nos 4) O/P MCB, 1P, 220VAC, 16A x 2 Nos 5) O/P MCB, 1P, 220VAC, 32A x 2 Nos MCB Make: Schnieder/ABB/Terasaki/Chint	Nos	1.00	30,000.00	30,000.00	34,000.00	34,000.00	45,000.00	45,000.00	63,500.00	63,500.00
(IV) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			**PKR**		**100,500.00**		**80,500.00**		**108,900.00**		**146,750.00**
SECTION-V **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 minimum two coating of epoxy 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 T3 Inverter A.C Make: Gree/Kenwood/Dawlance	Nos	2.00	140,000.00	280,000.00	125,000.00	250,000.00	174,000.00	348,000.00	140,000.00	280,000.00
2	**Supply and Installation of Split AC Refrigerant Copper Piping & Fittings.**										
a	Dia 3/8" & 1/4" (50Feet=1 Coil)	Nos	1.00	45,000.00	45,000.00	1,400.00	1,400.00	38,000.00	38,000.00	112,500.00	112,500.00
3	**Following sizes of Core Cutting complete in all respect.**										
a	Core Cutting 3" Dia	Nos	2.00	1,500.00	3,000.00	5,000.00	10,000.00	7,500.00	15,000.00	3,000.00	6,000.00
4	**Supply, installation, Testing and commissioning of uPVC including all accessories as per site condition.**										
a	25mm dia uPVC conduit.	Rm	10.00	260.00	2,600.00	600.00	6,000.00	170.00	1,700.00	200.00	2,000.00
b	20mm dia uPVC Conduit	Rm	15.00	220.00	3,300.00	120.00	1,800.00	150.00	2,250.00	180.00	2,700.00
(V) TOTAL AMOUNT OF NON - SCHEDULED BASED ITEM			**PKR**		**333,900.00**		**269,200.00**		**404,950.00**		**403,200.00**
(B) TOTAL AMOUNT OF ELECTRICAL WORKS (I to V)			**PKR**		**542,600.00**		**436,000.00**		**556,170.00**		**873,190.00**

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(C) IT Works											
1	Corning Cat 6, UTP, PVC, 4 Pairs, 305 Meter Coil & 1000 RFT Box	Ft	900.00	60.00	54,000.00	40.00	36,000.00	80.00	72,000.00	80.00	72,000.00
2	Corning K6 I/O Modular Jack Cat6	Nos.	12.00	950.00	11,400.00	700.00	8,400.00	1,050.00	12,600.00	1,400.00	16,800.00
3	Corning Single shutter Phase plate with Concealed Back Box	Nos.	6.00	750.00	4,500.00	1,000.00	6,000.00	1,000.00	6,000.00	1,500.00	9,000.00
4	Corning - Patch Cord Cat 6 UTP Size 1m	Nos.	6.00	1,050.00	6,300.00	1,500.00	9,000.00	1,200.00	7,200.00	850.00	5,100.00
5	PVC Pipe 1"	Ft	200.00	55.00	11,000.00	70.00	14,000.00	140.00	28,000.00	170.00	34,000.00
6	Labor charges: Laying of 900 ft UTP CAT-6 cables with concealed piping, end-to-end ribbon tagging.	Ft	900.00	35.00	31,500.00	25.00	22,500.00	100.00	90,000.00	18.00	16,200.00
(C) TOTAL AMOUNT OF IT WORKS		PKR			118,700.00		95,900.00		215,800.00		153,100.00

Total Cost (Civil + Electrical + IT Works) A+B+C	PKR		984,300.00	1,165,320.00	1,656,730.00
Add SST @ 8%	PKR		78,744.00	93,225.60	132,538.40
TOTAL COST (INCL. SST)	PKR	1,276,306.00	1,063,044.00	1,258,545.60	1,789,268.40
Quoted Amount					1,543,028.00

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