



MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY,
SHAHEED ZULFIQAR ALI BHUTTO CAMPUS, KHAIRPUR MIR'S
Phone No.0243-9280314

No. PD/MUET/KHP/- 44
Dated: 23-02-2018

To,

M/s Gul Traders, Hyderabad.

WORK ORDER

Subject: INTERNAL / EXTERNAL ELECTRIFICATION, AIR-CONDITIONING WORKS, COMPUTER DATA SYSTEM, FIRE ALARM SYSTEM, PUBLIC ADDRESS & PORTABLE ECO SOUND SYSTEM FOR AUDITORIUM AT MUET, SHAHEED Z.A CAMPUS KHAIRPUR MIR'S

Ref:- Your Percentage Based /Item Rate Tender , Dated: 29-12-2017

I am pleased to inform you that your Percentage Based / Item Rate Tender for the above subjected work at the cost of **Rs.18,095,911.65** has been accepted by the University Authorities being the lowest rate tender in competition, with the following Terms and Conditions:

- The Mobilization Advance shall be allowed to you at the rate of 10% of the Tendered Cost with interest against Bank Guarantee.
- The Fittings, Fixtures and Material shall be used after sample approved by the office of the undersigned.
- The condition of equivalence shall be applicable/ acceptable on the production of certificate of non availability of 1st preferred Fittings / Fixtures and Material mentioned in the conditions of contract.
- No Premium shall be allowed on Non-Schedule Items.
- No Cartage shall be Paid Separately.

You are therefore advised to attend office of the undersigned within seven days for executing the agreement (on duly adhesive stamped paper), and complete other formalities to start the work at site.

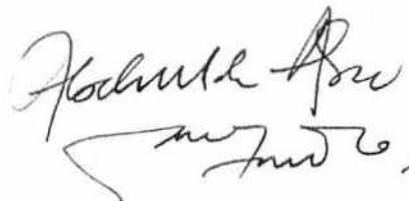
You are therefore advised to start the work within seven days after signing the contract & complete entire work within **06 month** in all respects according to the **Drawings, Design & Specifications** under the supervision of Assistant Engineer (Electrical), MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's.


23/2/18.
PROJECT DIRECTOR.

Copy f.w.cs for information to:

1. The Director Finance, MUET, Jamshoro.
2. The Director (W&SP), MUET, Jamshoro.
3. The Secretary to the Vice Chancellor, MUET, Jamshoro, for information.
4. Executive Engineer MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's.
5. Assistant Engineer (Electrical) MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's for compliance.
6. Secretary to The Pro-Vice Chancellor, MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's.


23/02/18



Internal & External Electrification, AC, Computer Networking System, Public Addressing System, Voice system, CC-TV & Fire Alarm system of Auditorium, Mehran University of Engineering & Technology S.Z.A.B Campus Khairpur Mirs.

MAIN SUMMARY

S. No.	Description	Amount (Rs.)
1.	Section-1: Wiring for Light & Fan Load (Scheduled Items)	Rs. 13,54,406/- = 75/-
2.	Section-2: Internal Electrification (Non-Scheduled Items) <i>Wiring for Light & Fan Load (Non-scheduled items)</i>	Rs. 4,16,400/-
3.	Section-3: Light Fittings & Fixtures (Scheduled items)	Rs. 1,09,881/- = 25/-
4.	Section-4: Light Fittings & Fixtures (Non-Scheduled items)	Rs. 15,82,000/-
5.	Section-5: Distribution Boards & Feeders (Scheduled items)	Rs. 4,16,185/-
6.	Section-6: Distribution Boards & Feeders (Non-Scheduled items)	Rs. 2,99,800/-
7.	Section-7: Earthing (Non-Scheduled Items)	Rs. 1,61,870/-
8.	Section-8: Installation & Wiring of Computer Network System & Multi-Outlet Boxes (Scheduled)	Rs. 3,19,121/- = 50/-
9.	Section-9: Installation & Wiring of Computer Network System and Multi-Outlet Boxes (Non-Scheduled)	Rs. 1,52,125/-
10.	Section-10: Installation & Wiring of Multimedia Projector & Screen (Non-Scheduled Items)	Rs. 2,25,000/-
11.	Section-11: CC-TV SYSTEM INSTALLATION (Non-Scheduled Items)	Rs. 9,54,925/-
12.	Section-12: FIRE ALARM SYSTEM INSTALLATION (Non-Scheduled Items)	Rs. 1,53,500/-
13.	Section-13: PUBLIC ADDRESS SYSTEM INSTALLATION (Scheduled Items)	Rs. 1,24,331/- = 10/-
14.	Section-14: PUBLIC ADDRESS SYSTEM INSTALLATION (Non-Scheduled Items)	Rs. 8,62,500/-
15.	Section-15: PORTABLE ECHO SOUND SYSTEM (Non-Scheduled Items)	Rs. 1,12,500/-
16.	Section-16: External Electrification (Scheduled Items)	Rs. 5,18,901/- = 30/-
17.	Section-17: External Electrification (Non-Scheduled Items)	Rs. 1,50,500/-
18.	Section-18: Light Fittings & Fixtures (Non-Scheduled items)	Rs. 2,22,900/-
19.	Section-19: WATER PUMP MOTOR (Scheduled Items)	Rs. 1,12,571/- = 35/-
20.	Section-20: Wiring for the supply of AC units (Schedule Rate Items) <i>Water Pump Motors (Non-scheduled items)</i>	Rs. 36,900/-
21.	Section-21: DISTRIBUTION BOARDS (Scheduled Items)	Rs. 2,08,582/- = 40/-
22.	Section-22: DISTRIBUTION BOARDS (Non-Scheduled Items)	Rs. 6,92,000/-
23.	Section-23: MAIN FEEDERS & CABLES (Non-Scheduled Items)	Rs. 1,05,000/-



24.	Section-24: AC Equipment & Installation (Non-Scheduled Items)	Rs.	47,40,000/-
25.	Section-25: Wiring for the supply of AC units (Scheduled Items)	Rs.	12,91,681/-
26.	Section-26: Wiring for the supply of AC units (Non-Scheduled Items)	Rs.	5,43,809/-
TOTAL AMOUNT IN RS.		Rs.	18,095,491/-

18,095,911.65/-

Total Amount in Words One Crore Eighty Lacs Ninety five thousand four hundred & Ninety one rupees only -

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Section-1: Wiring for Light & Fan Load (Scheduled Items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	RATE (RS.)	AMOUNT (RS.)
1.	Providing & Laying of wiring for light or fan point with 2-3/0.029 PVC insulated cable in 20mm dia (3/4") PVC conduit recessed in wall or column as required. (ESI # 124 Page #15).	473	P. Point	1,130.00	534,490.00
2.	Providing & Laying of wiring for plug point with 2-3/0.029 S/C, PVC insulated cable in 20mm dia (3/4") PVC conduit recessed in the wall or column as required. (ESI # 126 Page # 15)	20	P. Point	985.00	19,700.00
3.	Providing & Laying of wiring for Call Bell with 2-3/0.029 PVC Insulated wire in 20 mm (3/4") PVC Conduit recessed in wall or column as required. (ESI# 128, P#15)	2	P. Point	1,764.00	3,528.00
4.	Providing & Laying (Mains or Sub-Mains) PVC Insulated with size 2-7/0.029 wire copper conductor in (3/4" dia) PVC Conduit recessed in wall or column as required. (Lighting Circuit), (ESI#10, P#2)	1624	Mtr.	222.00	360,528.00
5.	Providing & Laying (Mains or Sub-Mains) PVC Insulated with size 2-7/0.036 wire copper conductor in (3/4" dia) PVC Conduit recessed in wall or column as required. (Power Circuit), (ESI # 11, P # 2)	132	Mtr.	252.00	33,264.00
6.	Providing & Laying (Mains or Sub-Mains) PVC Insulated with size 2-7/0.044 (6mm ²) wire copper conductor in (3/4" dia) PVC Conduit recessed in wall or column as required. (Lighting Circuit), (ESI#12, P#2)	48	Mtr.	341.00	16,368.00
7.	Providing & Laying (Mains or Sub-Mains) PVC Insulated with size 2-7/0.052 (10mm ²) wire copper conductor in (3/4" dia) PVC Conduit recessed in wall or column as required. (Power Circuit), (ESI # 13, P # 2)	410	Mtr.	463.00	189,830.00
8.	Providing & fixing two pin 5amp plug and socket. (ESI # 222, Page # 33)	15	No.	80.00	1,200.00
9.	Providing and fixing of two pin 5 Amps S.P. plug & socket Flush type. (ESI # 225 Page #33).	12	No.	83.00	996.00
10.	Providing and fixing of flush type, 2/3 pin, 5 Amps, S.P. plug socket, switch. (ESI # 226 Page # 33).	57	No.	151.00	8,607.00
11.	Providing and fixing of flush type, 3 pin, 15 Amps, S.P. plug socket, switch. (ESI # 227 Page # 33).	57	No.	162.00	9,234.00
COST OF SECTION-1 (Scheduled Item)			(Rs.)	1,177,745.00	

I, The Contractor M/s M/S Real Traders H/P

Hereby quote 15% Premium above/below on the Scheduled Itmes (B)= 176611.75

Total Cost of Section-1 Scheduled Items in Rs. 13,54,406.75



Section-2: Wiring for Light & Fan Load (Non-Scheduled Items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	RATE (RS.)	AMOUNT (RS.)
1.	Providing & fixing of Call Bells, installed at the marked places in the drawings. (Call Bell of M/s Opal/Clipsal or equivalent quality, as approved by Engineer Incharge)	2	No.	520/-	1040/-
2.	Providing & fixing one way Call Bell Press Buttons on a given prepared board (Call Bell Press of M/s Chint Electric or equivalent quality, as approved by Engineer Incharge).	2	No.	200/-	400/-
3.	Providing and fixing of S.P 10 A Switches with fancy sheets to house plug-socket, switch or regulator etc. on a given prepared board (Approx. Quantity) Size 78 mm x 83 mm x 56 mm (LxWxD)	84	No.	300/-	25,200/-
4.	Providing and fixing of Plastic Back Box to accommodate mains or sub mains switches, plug socket units, Door Bell Buttons etc. on a given prepared board, recessed in the wall, as required. (Approx Quantity) Size 78 mm x 83 mm x 56 mm (LxWxD)	150	No.	100/-	15,000/-
COST OF SECTION-2 (Non-Scheduled Item)			(Rs.)	Total =	41,640/-

Section-3: Light Fittings & Fixtures (Scheduled Items)

S. No.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing installing and connecting of Millat/Asia/Pak Fan make (or to be approved by EI), 56" sweep ceiling fan complete with fan dimer, canopy, down rod, etc. including fixing of fan dimmers in the given and making holes on both side of down rod and wiring it with 1.5 mm twin core., 450/750 V grade pvc/pvc + 1-1.5mm ECC and also providing of 16 mm dia mild steel fan hook on R.C.C roof or beam as required. Complete in all respect with all accessories (ESI # 235, P # 34)	3	No.	3,185.00	9,555.00
COST OF SECTION-3 (Scheduled Item)				(Rs.)	9,555.00

I, The Contractor M/s M/s Coal Traders
 Hereby quote 15% Premium above/below on the Scheduled Items (B) = 1433.25

Total Amount of Section-3 Scheduled Items in Rs. 10988.25

Amount carriedover to Summary at Serial no-3, page-no:

Section-4: Light Fittings & Fixtures (Non-Scheduled items)

S. No.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, installing, fixing and connecting of following light fixtures with lamps, chokes, starters, capacitors etc, complete with all internal connections and all fixing and mounting accessories. Jobs includes rod and wiring as given in drawing.				
1.1	Pierlite Make Smart LED Panel 2x2 40W or equivalent quality, as approved by Engineer Incharge.	2	No.	1,500/-	3,000/-
1.2	Pierlite Make DJ-403h with CFL or equivalent quality, as approved by Engineer Incharge.	3	No.	1,500/-	4,500/-
1.3	Pierlite Make DJ-403h with CFL or equivalent quality, as approved by Engineer Incharge.	13	No.	1,500/-	19,500/-
1.4	Pierlite Make LED Batten 18W or equivalent quality, as approved by Engineer Incharge.	14	No.	200/-	2,800/-



1.5	Pierlite Make LED BATTEN 10W or equivalent quality, as approved by Engineer Incharge.	10	No.	1500/-	15000/-
1.6	Pierlite Make Splinter Gen II 20W or equivalent quality, as approved by Engineer Incharge.	22	No.	5000/-	110000/-
1.7	Pierlite Make Splinter Gen II 20W or equivalent quality, as approved by Engineer Incharge.	130	No.	5000/-	650000/-
1.8	Pierlite Make Splinter Gen II 25W or equivalent quality, as approved by Engineer Incharge.	10	No.	5000/-	50000/-
1.90	Pierlite Make LED 33365 22W - IP20 or equivalent quality, as approved by Engineer Incharge	2	No.	5000/-	10000/-
1.1	Pierlite Make P.5090-L inground light 3W LED or equivalent quality, as approved by Engineer Incharge.	12	No.	5000/-	60000/-
1.11	Pierlite Make RS291, 28W, or equivalent quality, as approved by Engineer Incharge.	8	No.	20000/-	160000/-
1.12	Pierlite Make SMDL-18W LED or equivalent quality, as approved by Engineer Incharge.	16	No.	5000/-	80000/-
1.13	Pierlite Make P.1882 6.5 W or equivalent quality as approved by Engineer Incharge.	4	No.	7500/-	30000/-
1.14	Pierlite Make FCG 302 60W TL-5 CIRCULAR, or equivalent quality, as approved by Engineer Incharge.	2	No.	10000/-	20000/-
1.15	Pierlite Make Star Flood Pro 180W or equivalent quality, as approved by Engineer Incharge.	6	No.	50000/-	300000/-
1.16	Malit/Wahid/Pak Fan make or equivalent quality, as approved by Engineer Incharge 8" sweep capacitor with shutter, 2 way option plastic exhaust fan complete with capacitors including making of hole in wall to accommodate the fan & repairing good the damages.	5	Nos.	3000/-	15000/-
TOTAL COST OF SECTION-4: (Non-Scheduled)			Rs:	Total =	15,82,000/-

Section-5: Distribution Boards & Feeders (Scheduled items)

S. No.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, installing connecting & commissioning of the following Distribution Boards (DBs) fabricated of 14 SWG steel clad, cubical design with hinged door cover, wall (recessed) mounted, factory assembled, suitable for 3 phase, 4 wire, 500 volts, 50 Hz A.C Power Supply Complete with copper cable lugs, glands, neutral link, earth block, terminal block etc. & having following configurations (All equipment rated to 5 kA short circuit rating and 50 °C ambient temperature at 415V). Panel enclosure to comply with IP-50.				
1.1	LDB-1 Incoming 01 - 20 A, T.P M.C.C.B (XS-100NS) (ESI # 207, P # 31).	1	No.	9,261.00	9,261.00
	03 - Providing & fixing Digital ammeter size 96/96mm Direct 30A as required & as per instruction of Engineer Incharge (EI) (ESI # 284, P # 41)	3	No.	1,054.00	3,162.00
	03 - Providing & fixing Digital voltmeter size 96/96mm 500 V as required & as per instruction of Engineer Incharge (EI) (ESI # 285, P # 41)	3	No.	999.00	2,997.00
	Outgoing 06 - 15 A, S.P, M.C.Bs (ESI # 203, P # 31)	6	No.	916.00	5,496.00



	13 - 10 A, S.P, M.C Bs (ESI # 203,P #31)	13	No.	916.00	11,908.00
1.1.1	SWB-1 for LDB-1				
	06 - 15 A, S.P, M.C Bs (ESI # 203, P#31)	6	No.	916.00	5,496.00
	10 - 10 A, S.P, M.C Bs (ESI # 203,P #31)	10	No.	916.00	9,160.00
1.2	LDB-2				
	Incoming				
	01 - 40 A, T.P M.C.C.B (XS-100NS) (ESI # 207, P # 31).	1	No.	9,261.00	9,261.00
	03 - Providing & fixing Digital ammeter size 96/96mm Direct 50A as required & as per instruction of Engineer Incharge (EI) (ESI # 284, P # 41)	3	No.	1,054.00	3,162.00
	03 - Providing & fixing Digital voltmeter size 96/96mm 500 V as required & as per instruction of Engineer Incharge (EI) (ESI # 285, P # 41)	3	No.	999.00	2,997.00
	Outgoing				
	24 - 10 A, S.P, M.C Bs (ESI # 203, P#31)	24	No.	916.00	21,984.00
	01 - 30 A, S.P, M.C B (ESI # 203, P #31)	1	No.	916.00	916.00
1.2.1	SWB-2 for LDB-2				
	15 - 10 A, S.P, M.C Bs (ESI # 203, P#31)	15	No.	916.00	13,740.00
1.3	DB-A/C				
	Incoming				
	01 - 100 A, T.P, M.C.C.B (XS-100NS) (ESI # 207, P # 31).	1	No.	9,261.00	9,261.00
	02 - 40 A,T.P, M.C.C.B (XS-100NS) (ESI # 207, P # 31).	2	No.	9,261.00	18,522.00
	03 - Providing & fixing Digital ammeter size 96/96mm Direct 100A as required & as per instruction of Engineer Incharge (EI) (ESI # 284, P # 41)	3	No.	1,054.00	3,162.00
	03-Providing & fixing digital voltmeter size 96/96mm 500 V as required & as per instruction of Engineer Incharge (EI) (ESI # 285, P # 41)	3	No.	999.00	2,997.00
	Outgoing				
	15-15 A, T.P(XS-30NS(NB)), M.C.B.s (ESI # 205, P # 31)	15	No.	5,301.00	79,515.00
	02-20 A, S.P, M.C.B.s (ESI # 203,P# 31)	2	No.	916.00	1,832.00
1.4	PDB (General Power)				
	Incoming				
	01-200 A, T.P. MCCB (XS-100NS) (ESI # 207, P # 31).	1	No.	9,261.00	9,261.00
	03 - Providing and fixing Current Transformer rating 200/5A (round) RLC-30 as required and as per instruction of Engineer Incharge. (ESI # 272, Page # 39)	3	No.	1,411.00	4,233.00
	03 - Providing & fixing Digital ammeter size 96/96mm Direct 30A as required & as per instruction of Engineer Incharge (EI) (ESI # 284, P # 41)	3	No.	1,054.00	3,162.00
	03- Providing & fixing digital voltmeter size 96/96mm 500 V as required & as per instruction of Engineer Incharge (EI) (ESI # 285, P # 41)	3	No.	999.00	2,997.00
	Outgoing				
	42-10 A, S.P, M.C.B.s (ESI # 203, P#31)	42	No.	916.00	38,472.00
	26-15 A, S.P, M.C.B.s (ESI # 203, P#31)	26	No.	916.00	23,816.00



2.	Providing laying & connecting of PVC/PVC 600/1000V grade copper conductor cables from Main Distribution Board (MDB) to the Distribution Boards (DBs), recessed in the RCC or on surface / concealed in wall or column as required, complete in all respect with all fixing and termination accessories and entire satisfaction of consultant / owner.				
2.1	LDB-1 Providing & laying (Main or Sub-Main) PVC insulated & PVC sheathed with 4 core copper conductor, 300/500 volts, size 2.5 mm ² (Approx. length) (ESI # 98, P # 12).	10	Meter	252.00	2,520.00
2.2	LDB-2 Providing & laying (Main or Sub-Main) PVC insulated & PVC sheathed with 4 core copper conductor, 300/500 volts, size 10 mm ² (Approx. length) (ESI # 101, P # 12).	10	Meter	742.00	7,420.00
2.3	DB-A/C				
2.3.1	Providing & laying (Main or Sub-Main) PVC insulated & PVC sheathed with 4 core copper conductor, 600/1000 volts, size 16 mm ² (Approx. length) (ESI # 102, P # 12) for ACs at Basement as per drawing. (MDB to DB(AC))	5	Meter	1,300.00	6,500.00
2.3.2	Providing & laying (Main or Sub-Main) PVC insulated & PVC sheathed with 4 core copper conductor, 600/1000 volts, size 16 mm ² (Approx. length) (ESI # 102, P # 12) for ACs at G-I Floor as per drawing. (MDB to DB(AC))	5	Meter	1,300.00	6,500.00
2.3.3	Providing & laying (Main or Sub-Main) PVC insulated & PVC sheathed with 4 core copper conductor, 600/1000 volts, size 25 mm ² (Approx. length) (ESI # 103, P # 12) for ACs at G-II Floor as per drawing. (MDB to DB(AC))	5	Meter	1,909.00	9,545.00
2.4	PDB (General Power) Providing & laying (Main or Sub-Main) PVC insulated & PVC sheathed with 4 core copper conductor, 600/1000 volts, size 95 mm ² (Approx. length) (ESI # 107, P # 12).	5	Meter	6,529.00	32,645.00
TOTAL COST OF SECTION-5: (Scheduled Items)			Rs.	361,900.00	

I, The Contractor M/s M/S Gul Tradem

Hereby quote 15% Premium above/below on the Scheduled Items (B)= 54285

Total Amount of Section-5 Scheduled Items in Rs. 4,16,185

Section-6: Distribution Boards & Feeders (Non-Scheduled items)

S. No.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, installing connecting & commissioning of the following items on Distribution Boards (DBs) fabricated of 14 SWG steel clad, cubical design with hinged door cover, wall (recessed) mounted, factory assembled, suitable for 3 phase, 4 wire, 500 volts, 50 Hz A.C power supply complete with copper cable lugs, glands, neutral link, earth block, terminal block etc. & having following configuration. (All equipment rated to 5 KA short circuit rating and 50 °C ambient temperature at 415V). Panel enclosure to comply with IP-50.				
1.1	LDB-1 (Cost of LDB-1)	1	No	<u>25000</u>	<u>25000</u>



	Incoming				
	03-Phase (R.Y.B) indication lamps 220V Model 8LP2T1LM, Make Lovato (Italy) or equivalent quality, as approved by Engineer Incharge.	3	No.	200/-	600/-
	03-Control fuse with base 2A Model VLC-10 ETI Slovenai or equivalent quality, as approved by Engineer Incharge.	3	No.	500/-	1500/-
1.1.1	SWB-1 for LDB-1				
	Control Switchboard, fabricated of 16 SWG steel clad, cubical design with hinged door cover, wall (recessed) mounted, compromising of MCB for ON/OFF function, with indication lamps and clearly marked labels, for switching of lightning circuits having following configuration panel enclosure to comply with IP-50.	1	No.	25,000/-	25,000/-
	16- ON/OFF (Red, Green) Indication Lamps 220V make Maruyasu/Lovato, Italy/Japan or equivalent quality, as approved by Engineer Incharge.	32	No.	200/-	6400/-
1.2	LDB-2 (Cost of LDB-2)	1	No.	25,000/-	25,000/-
	Incoming				
	03-Phase (R.Y.B) indication lamps 220V Model 8LP2T1LM, Make Lovato (Italy) or equivalent quality, as approved by Engineer Incharge.	3	No.	200/-	600/-
	03-Control fuse with base 2A Model CH-10 ETI Slovenai or equivalent quality, as approved by Engineer Incharge.	3	No.	500/-	1500/-
1.2.1	SWB-2 for LDB-2				
	Control Switchboard, fabricated of 16 SWG steel clad, cubical design with hinged door cover, wall (recessed) mounted, compromising of MCB for ON/OFF function, with indication lamps and clearly marked labels, for switching of lightning circuits having following configuration panel enclosure to comply with IP-50.	1	No.	25,000/-	25,000/-
	15- ON/OFF (Red, Green) Indication Lamps 220V make Maruyasu/Lovato, Italy/Japan or equivalent quality, as approved by Engineer Incharge.	30	No.	200/-	6000/-
1.3	DB - A/C (Cost of DB-A/C)	1	No.	25,000/-	25,000/-
	Incoming				
	01-Providing and fixing Digital ammeter model: M4W-AA, make Autonics Korea or equivalent quality, as approved by Engineer Incharge, size 96/96 mm C.T operated 0-200A as required and as per instruction of Engineer Incharge (EI).	1	No.	10,000/-	10,000/-
	01-Ammeter Selector Switch (4 Steps), PK9054E Make K&N (Newzealand) or equivalent quality, as approved by Engineer Incharge.	1	No.	4,000/-	4,000/-
	03-Phase (R.Y.B) indication lamps 220V Model 8LP2T1LM, Make Lovato (Italy) or equivalent quality, as approved by Engineer Incharge.	3	No.	200/-	600/-
	03-Control fuse with base 2A Model CH-10 ETI Slovenai or equivalent quality, as approved by Engineer Incharge.	3	No.	500/-	1500/-
1.4	PDB (General Power) (Cost of PDB)	1	No.	25,000/-	25,000/-
	Incoming				
	03-Phase (R.Y.B) indication lamps 220V Model 8LP2T1LM, Make Lovato (Italy) or equivalent quality as approved by Engineer Incharge.	3	No.	200/-	600/-
	03-Control fuse with base 2A Model CH-10 ETI Slovenai or equivalent quality, as approved by Engineer Incharge.	3	No.	500/-	1500/-



2.	Providing and installing of PVC Consumer (Plastic DB) for 7 Module Model: E4C7E, Make: Clipsal or equivalent quality as approved by EI for circuit breaker housing for General Power Outlets, cubical design above or below the respective Power Outlets (as per detail in Sch. Drawings).	17	No.	1500/-	25,500/-
3.	Providing laying & connecting of hard drawn Copper wire from Main LT Panel to the Distribution Boards (DBs) in PVC conduit a detail below recessed in the RCC or on surface / concealed in wall or column as required, complete in all respect and entire satisfaction of consultant / owner.				
3.1	LDB-1 Providing & laying of hard drawn bare copper conductor size 2-10 mm ² as E.C.C with wiring of LDB-1 in 31.25 mm (1.25") dia rigid PVC conduit recessed in wall/ground/floor as required.	17	Meter	500/-	8,500/-
3.2	LDB-2 Providing & laying of hard drawn bare copper conductor size 2-10 mm ² as E.C.C with wiring of LDB-2 in 31.25 mm (1.25") dia rigid PVC conduit recessed in wall/ground/floor as required.	19	Meter	500/-	9,500/-
3.3	DB-A/C Providing & laying of hard drawn bare copper conductor size 2-95 mm ² as E.C.C with wiring of DB-A/C in 3" dia rigid PVC conduit recessed in wall/ground/floor as required.	13	Meter	3000/-	39,000/-
3.4	PDB (General Power) Providing & laying of hard drawn bare copper conductor size 2-70 mm ² as E.C.C with wiring of PDB in 3" dia rigid PVC conduit recessed in wall/ground/floor as required.	13	Meter	2500/-	32,500/-
TOTAL COST OF SECTION-6: (Non-Scheduled Items)				(Rs.)	2,99,800/-

Section-7: Earthing (Non-Scheduled Items)

S. No.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, marking and testing of earth points with 2' x 2' x 1/8" thick copper plate buried 5 meter deep or to the depth of permanent water level whichever is less covered with charcoal and lime in specified ratio confirming to specification and drawing.	1	Job	30000/-	30000/-
2.	Providing drawing, connecting & testing of 2- 150mm ² bare copper conductor as earthing leads in 32 mm dia G.I pipe buried in ground or connected in R.C.C or masonry as required from Panel Board to the earth plate including making of 18"x18" cement concrete chamber duly plastered and cover with R.C.C Slab, including, providing & fixing of plug for watering, complete with all accessories and fasteners and as per drawing & specification.	1	Job	5000/-	5000/-
3.	Providing fixing and connecting of 200x200x5 mm thick copper earth terminal blocks.	1	Job	1500/-	1500/-



4.	Providing and fixing of bare copper conductor size 1-1.5mm ² as Earth Continuity Conductor (ECC) with any given mains or sub-mains in all system of wiring including metallic electrical accessories (Approx length)	1457	Meter	50/-	72,850/-
5.	Providing and fixing of bare copper conductor size 1-2.5mm ² as Earth Continuity Conductor (ECC) with any given mains or sub-mains in all system of wiring including metallic electrical accessories (Approx length)	132	Meter	60/-	7,920/-
6.	Providing and fixing of bare copper conductor size 1-4mm ² as Earth Continuity Conductor (ECC) with any given mains or sub-mains in all system of wiring including metallic electrical accessories. (Approx length)	48	Meter	75/-	3,600/-
7.	Providing and fixing of bare copper conductor size 1-6mm ² as Earth Continuity Conductor (ECC) with any given mains or sub-mains in all system of wiring including metallic electrical accessories. (Approx length)	410	Meter	100/-	41,000/-
TOTAL COST OF SECTION-7: (Non-Scheduled Items)				(Rs.)	1,61,870/-

Section-8: Installation & Wiring of Computer Network System & Multi-Outlet Boxes (Scheduled)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Supply and Installation of 2-7/0.029 mm ² Copper Conductor in 3/4" dia PVC conduit recessed in wall or column as required for Computer Power Supply (ESI # 10, P # 2)	125	MTR.	222.00	27,750.00
Cost of Section-8: (Scheduled Items)				(Rs.)	27,750.00

I, The Contractor M/s M/S EOL Traders

Hereby quote 1.5% Premium above/below on the Scheduled Items (B) = 4,162.50

Total Amount of Section-8 Scheduled Items in Rs. 31,912.50

Section-9: Installation & Wiring of Computer Network System and Multi-Outlet Boxes (Non-Scheduled)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing and fixing of copper conductor size 1-1.5 mm ² Copper Conductor as Earth Continuity Conductor (ECC) with any given mains or sub-mains in all system of wiring including metallic electrical accessories (Approx. Length)	125	mtr.	50/-	6,250/-
2.	Supply and Installation of Schneider Digilink 6-port Fiber optic Patch Panel with 6 No's of SC Pigtails and 3 No's of SC Duplex Adaptors	1	mtr.	25,000/-	25,000/-
3.	Supply and Installation of Schneider Actassi 24 - Port CAT-6 UTP Patch Panel Built-in rear cable management, complete in all respect.	1	No.	25,000/-	25,000/-
4.	Supply and Installation of OEM 6U Wall Mounted Communication Rack.	1	No.	25,000/-	25,000/-
5.	Supply and Installation of Schneider Actassi 1U front cable organizer.	1	No.	3,000/-	3,000/-
6.	Supply and Installation of Schneider Actassi 4 Pair CAT-6 UTP 23AWG CM Rated, UL Listed Cable	127	mtr.	100/-	12,700/-
7.	Schneider Actassi 4-Pair CAT-6 UTP Patch Cord (3 Meter Each).	7	No.	1,000/-	7,000/-



8.	Providing and laying of the 25 mm dia PVC conduits concealed with ceiling as required from the switch/patch panel to computer outlets. Complete in all respect with all required accessories.	66	mtr.	50/-	3300/-
9.	Providing and Installing of Multioutlet Boxes on Floor/Wall of appropriate size for power and Computer Data Outlet (Multi-Outlet Box of M/s. Clipsal/Opal or equivalent as approved by EI).	7	No.	2500/-	17500/-
10.	Providing and fixing of Plastic back box to accommodate Multi-Outlet Boxes for Power, Telephone and Data outlets, recessed in the wall, as required. (Approx. Quantity)				
	b) Size 78 mm x 83 mm x 56 mm (LxWxH)	21	No.	75/-	1575/-
11.	Providing and laying 3" dia PVC conduit in ground before flooring of the auditorium building for computer data fibre cable incoming from Main Networking System of MUET to the Fibre Patch Panel at Ground Floor (as shown in the drawings).	86	mtr.	300/-	25800/-
Cost of Section-9: (Non-Scheduled)				(RS.)	1,52,125/-

Section-10: Installation & Wiring of Multimedia Projector & Screen (Non-Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing and Installing of Panasonic Make Multimedia Projector, Model: PT-LB330 or equivalent as approved by EI (Complete in all respect).	1	No.	15,000/-	15,000/-
2.	Providing and Installing of Tripod Projector Screen 180x180 cm, Make Gaylord of Chinese origin (or equivalent as approved by EI), electrically operated. Complete in all respect & accessories including remote.	1	No.	5,000/-	5,000/-
3.	Providing and Installing of Ceiling Mounting Kit for Multimedia Projector complete in all respect & accessories including VGA cable, Power cable, A/V cable, 45 ft. with labour & Installation charges.	1	Job	2,500/-	2,500/-
Cost of Section-10: (Non-Scheduled Items)				(RS.)	22,500/-



Section-11: CC-TV SYSTEM INSTALLATION (Non-Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Supply and installation of Digital Video Recorder (DVR) 32 Channel Model: PR-78632, Make Proline UK or equivalent as approved by EI. Complete in all respect with all accessories.	1	No.	30000/-	30000/-
2.	Supply and installation of Hard Disk (HDD) of 1-TB (Tera Byte) Capacity for DVR to record the CC-TV video.	1	No.	2000/-	2000/-
3.	Supply and installation of Samsung LED TV Screen 32" wide Model no. 4100-1366 768- HD LED TV Black or equivalent as approved by EI. Complete in all respect including VGA and Power Cable.	1	No.	5000/-	5000/-
4.	Supply and installation of Box Camera for Indoor monitoring Model: PR-671 Make: Proline UK or equivalent as approved by EI.	10	Nos.	1200/-	12000/-
5.	Supply and installation of Auto Iris Lens for Box Camera Model: PR-671 Make: Proline UK or equivalent as approved by EI.	10	Nos.	650/-	6500/-
6.	Supply and installation of IR Night Vision Camera for Outdoor monitoring Model: PR-668, Make: Proline UK or equivalent as approved by EI.	6	Nos.	1600/-	9600/-
7.	Supply and installation of Camera Housing for Outdoor Cameras.	6	Nos.	700/-	4200/-
8.	Supply and installation of Camera Holders for both type of cameras PR-671 & PR-668.	16	Nos.	1000/-	16000/-
9.	Supply and installation of Power Supply suitable for 16 Cameras.	1	Nos.	45000/-	45000/-
10.	Supply and installation of BNC Connectors for connecting Cameras to DVR.	33	Nos.	125/-	4125/-
11.	Providing and wiring with Multi core Cable (containing wires for power and data) for CC TV System with Labour and Material.	492	Mtr.	400/-	196800/-
TOTAL COST OF SECTION-11: (NonScheduled Items)				(Rs.)	954,925/-

Section-12: FIRE ALARM SYSTEM INSTALLATION (Non-Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Supply, Testing & Commissioning of Fire Alarm Panel with built-in Power Supply and battery backup. Complete in all respect with all accessories (Make Siemens FC2020-AA Fire control panel(2-loop) Model No.FC 2020 AA + FA2003-A1 or equivalent as approved by Engineer Incharge).	1	No.	50000/-	50000/-
2.	Supply, Testing & Commissioning of Optical Smoke Detector with base. Complete in all respect with all accessories (Make Siemens Model: FDO241, FDB221 or equivalent as approved by Engineer Incharge).	25	No.	1500/-	37500/-



3	Supply, Testing & Commissioning of Heat Detector (ASA) with base. Complete in all respect with all accessories (Make Siemens Model: FDT241, FDB221 or equivalent as approved by Engineer Incharge).	1	No.	15,000/-	15,000/-
4	Supply, Testing & Commissioning of Sounder Beacon with base. Complete in all respect with all accessories (Make Siemens Model: FDS229-A, FDB221 or equivalent as approved by Engineer Incharge).	10	No.	20,000/-	20,000/-
5	Supply, Testing & Commissioning of Manual Call points (Housing Red). Complete in all respect with all accessories (Make Siemens Model: FDMH291-R or equivalent as approved by Engineer Incharge).	12	Nos.	10,000/-	1,20,000/-
6	Supply, Testing & Commissioning of Fire Alarm System Cable. Complete in all respect.	350	Mtr.	500/-	1,75,000/-
7	Testing & Commissioning of Fire Alarm System.	1	Job	15,000/-	15,000/-
TOTAL COST OF SECTION-12: (Non-Scheduled Items)				(Rs.)	15,35,000/-

Section-13: PUBLIC ADDRESS SYSTEM INSTALLATION (Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, laying & connecting the cable for column speakers size: 2.5 mm (2 core) ESI 10 Page 2)	487	Mtr.	222.00	108,114.00
TOTAL COST OF SECTION-13: (Scheduled Items)				(Rs.)	108,114.00

I, The Contractor M/s M/S Civil Traders

Hereby quote 15% Premium above/below on the Scheduled Items (B) = 162,171.10

Total Amount of Section-13 Scheduled Items in Rs. 1,24,334.10

Section-14: PUBLIC ADDRESS SYSTEM INSTALLATION (Non-Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing and Installing of Public Address Mixer Make TOA Japan Model: M-164 or equivalent as approved by Engineer Incharge. Complete in all respect with all accessories.	1	No.	85,000/-	85,000/-
2.	Providing and Installing of Power Amplifier Make: TOA Japan Model: A-1360 (360 Watts) or equivalent as approved by Engineer Incharge. Complete in all respect with all accessories.	2	No.	95,000/-	1,90,000/-
3.	Providing and Installing of Column Speakers with Aluminum enclosure, 30W Power Handling, Make: TOA Japan Model: BS-1030B or equivalent as approved by Engineer Incharge. Complete in all respect with mounting accessories.	9	No.	15,000/-	1,35,000/-



4.	Providing and Installing of Pendant Type Speakers with Aluminum enclosure, 30W Power Handling, Make: TOA Japan Model: PE-304 or equivalent as approved by Engineer Incharge. Complete in all respect with mounting accessories.	14	No.	16,000/-	224,000/-
5.	Providing and Installing of Unidirectional Dynamic Desktop Microphone, 14" Gooseneck with built-in on/off switch and remote chime control along with stand Make: Toa Japan Model: DM-1100 or equivalent as approved by Engineer Incharge.	3	No.	9,500/-	28,500/-
6.	Providing and Installing of UHF Wireless Microphone System with Three (03), Wireless Microphones, Make: TOA Japan, Model: WS-5000 series or equivalent as approved by Engineer Incharge. Complete in all respect with Microphone Batteries, Battery Charger, Wireless Tuner & Transmitter etc.	3	No.	6,000/-	18,000/-
7.	Providing Cable for Microphones Make: Proal Italy, Model HPC 210 (100 meter roll) Complete in all respect with connecting pins.	1	Roll	2,000/-	2,000/-
TOTAL COST OF SECTION-14: (Non-Scheduled Items)				Rs: =	86,250/-

Section-15: PORTABLE ECHO SOUND SYSTEM (Non-Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing digital Mixer with 15 input Channels. Make TOA Japan Model: M-864 or equivalent as approved by Engineer Incharge. Complete in all respect.	1	No.	3,75,000/-	3,75,000/-
2.	Providing Power Amplifier Make TOA Japan Model: DA-550F (with 550W*4 lines) or equivalent as approved by Engineer Incharge. Complete in all respect.	1	No.	3,50,000/-	3,50,000/-
3.	Providing Modular speakers with upto 600 W Power handling. Make TOA Japan Model: Hx-5 or equivalent as approved by Engineer Incharge. Complete in all respect.	4	No.	8,500/-	34,000/-
4.	Providing Tripod Stands for above Speakers, complete in all respect.	4	No.	1,50,000/-	6,00,000/-
TOTAL COST OF SECTION-15: (Non-Scheduled Items)				Rs: =	11,25,000/-

Section-16: External Electrification (Scheduled Items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	RATE (RS.)	AMOUNT (RS.)
1.	Providing & Laying of wiring for light or fan point with 2-3/0.029 PVC insulated cable in 20mm dia (3/4") PVC conduit recessed in wall or column as required. (ESI # 124 Page #15).	25	P. Point	1,130.00	28,250.00



2.	Providing & Laying (Mains or Sub-Mains) PVC Insulated with size 2-7/0.029 wire copper conductor in 20mm dia (3/4") PVC conduit recessed in the wall or column as required (Lightning Circuit). (ESI # 10 Page #2)	76	Mtr.	222.00	16,872.00
TOTAL COST OF SECTION-16: (Scheduled Items)				(Rs.)	45,122.00

I, The Contractor M/s M/S Gul Traders

Hereby quote 15% Premium above/below on the Scheduled Items (B) = 67681.30

Total Amount of Section-16 Scheduled Items in Rs. 5,18,994.30

Section-17: External Electrification (Non-Scheduled Items)					
S.No.	ITEM DESCRIPTION	QTY	UNIT	RATE (RS.)	AMOUNT (RS.)
1.	Providing & fixing of copper conductor with size 1-1.5 mm ² as Earth Continuity Conductor (ECC) with any given mains or sub-mains in all system of wiring including metallic Electrical accessories (Approx Length).	76	Mtr.	50/-	3800/-
2.	Providing and fixing of SP 10 A Switches with fancy sheets to house plug-socket, switch or regulator etc on a given prepared board (Approx. Quantity)				
	Size 78 mm x 83 mm x 56 mm (LxWxD)	25	No.	300/-	7500/-
3.	Providing and fixing of Plastic Back Box to accommodate mains or sub mains switches, plug socket units, Door Bell Buttons etc. on a given prepared board, recessed in the wall, as required. (Approx Quantity)				
	Size 78 mm x 83 mm x 56 mm (LxWxD)	25	No.	150/-	3750/-
TOTAL COST OF SECTION-17: (Non-Scheduled Items)				(Rs.)	15050/-

Section-18: Light Fittings & Fixtures (Non-Scheduled items)					
S. No.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, installing, fixing and connecting of following light fixtures with lamps, chokes, starters, capacitors etc, complete with all internal connections and all fixing and mounting accessories. Jobs includes rod and wiring as given in drawing.				
1.1	Pierlite Make P.1882 6.5 W or equivalent quality as approved by Engineer Incharge.	83	No.	6500/-	539,500/-
1.1	Pierlite Make P.5090-L inground light 3W LED or equivalent quality, as approved by Engineer Incharge.	125	No.	5500/-	6,87,500/-
1.2	Pierlite Make Star Flood Pro 180W or equivalent quality, as approved by Engineer Incharge.	20	No.	50000/-	10,00,000/-
1.3	Phillips Make OS DOWNLIGHT, 1 X 11W OPEN SAVER or equivalent quality as approved by EI.	1	No.	2000/-	2000/-
TOTAL COST OF SECTION-18: (Non-Scheduled Items)				(Rs.)	22,29,000/-



Section-19: WATER PUMP MOTOR (Scheduled Items)

S#	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing and Laying (main or sub-main) PVC insulated with size 2-7/044 copper conductor in 18.75 mm (3/4") dia PVC conduit recessed in the wall or column as required. (ESI # 12, P # 2)	20	Mtr.	341.00	6,820.00
2	Providing and installing following items in motor DB				
	01 - 30 Amps. S.P. MCB (ESI #203, P # 31)	1	No.	916.00	916.00
	01 - 500 V Digital Voltmeter size 96/96 mm (ESI #285, P # 41)	1	No.	999.00	999.00
	01- 50 Amps. Ammeter size 96/96 mm (ESI #284, P # 41)	1	No.	1,054.00	1,054.00
TOTAL COST OF SECTION-19: (Scheduled Items)				(Rs.)	9,789.00

I, The Contractor M/s M/S Gul Traders

Hereby quote 15% Premium above/below on the Scheduled Items (B) = 14681.35

Total Amount of Section-19 Scheduled Items in Rs. 112571.35



Section-20: WATER PUMP MOTOR (Non-Scheduled Items)					
S#.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, installing and connecting of 2 HP, Mono Block Centrifugal Water Pump Motor, 1-phase, 240 volts, 50Hz, AC Power supply. (Make Meeco, Lahore Pakistan or equivalent as approved by EI).	1	No.	25,000/-	25,000/-
2.	Providing and installing 18 SWG sheet steel surface mounted box, anti-rust treated and painted, complete with all respect including following accessories;	1	No.	10,000/-	10,000/-
	02 - ON/OFF indication lamps (Red, Green)	2	No.	200/-	400/-
3.	Providing and laying of hard drawn bare copper conductor size 4mm ² as ECC with wiring of 2 HP Water Pump Motor in 18.75 mm (3/4") dia rigid PVC conduit recessed in ground / floor as required.	20	Mtr.	75/-	1500/-
Cost of Section-20: (Non-Scheduled Items)				(Rs.)	36,900/-

Section-21: DISTRIBUTION BOARDS (Scheduled Items)					
S. No.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing of Main Distribution Board (MDB) fabricated of 14 SWG sheet steel clad, free standing, floor mounting type for 3 phase, 500 volts, 50 Hz, A.C Power supply and having the following configurations. (All equipment to be rated minimum 25 kA short circuit).				
1.1	Main Distribution Board (MDB-I) for AC Load Incoming				
	01 - 150A (XS-225NS), T.P, M.C.C.B (ESI # 208, Page # 31)	1	No.	25,541.00	25,541.00
	03 - Providing and fixing Current Transformer rating 150/5A (round) RLC-30 as required and as per instruction of Engineer Incharge. (ESI # 271, Page # 39)	3	No.	1,411.00	4,233.00
	Outgoing				
	02 - 40 A.T.P, M.C.C.B (XS-100NS) (ESI # 207, P # 31). For Basement & G-I Floor	2	No.	9,261.00	18,522.00
	01 - 100 A, T.P, M.C.C.B (XS-100NS) (ESI # 207, P # 31). For G-II Floor	1	No.	9,261.00	9,261.00
	01 - 150 A, T.P, M.C.C.B (XS-225NS) (ESI # 208, P # 31) for DG set	1	No.	25,541.00	25,541.00
1.2	Main Distribution Board (MDB-II) for L&F + GP Load Incoming				
	01 - 400A T.P setting 250-400amp (XS-250CJ), M.C.C.B (ESI # 210, Page # 31)	1	No.	39,401.00	39,401.00



03 - Providing and fixing Current Transformer rating 400/5A (round) RLC-50 as required and as per instruction of Engineer Incharge. (ESI # 274, Page # 39)	3	No.	1,851.00	5,553.00
Outgoing				
01 - 20 A.T.P, M.C.C.B (XS-100NS) (ESI # 207, P # 31). For LDB-II	1	No.	9,261.00	9,261.00
01 - 40 A.T.P, M.C.C.B (XS-100NS) (ESI # 207, P # 31). For LDB-II	1	No.	9,261.00	9,261.00
01 - 100 A, T.P, M.C.C.B (XS-100NS) (ESI # 207, P # 31). For PDB	1	No.	9,261.00	9,261.00
01 - 150 A, T.P, M.C.C.B (XS-225NS) (ESI # 208, P # 31) for DG set	1	No.	25,541.00	25,541.00
Cost of Section-21:(Scheduled Items)			(Rs.)	181,376.00

I, The Contractor M/s M/S Gul Trading

Hereby quote 10% Premium above/below on the Scheduled Items (B) = 27,261.40

Total Amount of Section-21 Scheduled Items in Rs. 2,08,582.40

Section-22: DISTRIBUTION BOARDS (Non-Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing of Main Distribution Board (MDB) fabricated of 14 SWG sheet steel clad, free standing, floor mounting type for 3 phase, 500 volts, 50 Hz, A.C Power supply and having the following configurations. (All equipment to be rated minimum 25 kA short circuit				
1.1	Main Distribution Board (MDB-I) for HVAC Load	1	No.	8,000/-	8,000/-
	Incoming				
	02 - On/Off Indication Lights (Red, Green) Model 8LP2T 1LM, Make Lovato Italy or Equivalent as approved by Engineer Incharge).	2	No.	200/-	400/-
	03 - Phase Indication Lights (Red, Yellow, Blue) 220V, Model 8LP2T 1LM, Make Lovato Italy or Equivalent as approved by Engineer Incharge).	3	No.	200/-	600/-
	01 - CT Operated Digital Multimeter & Electrical Analyzer with voltage, ampss, kW, kVAR, kVA, PF, Hz, kVARh, Hour Counter options, Total 49 Electrical Parameters, Size: 96 x 48 mm, Model: DMK-16, Make Lovato Italy or Equivalent as approved by Engineer Incharge).	1	No.	3,000/-	3,000/-



	Change over switch Model no. 41AC 4025 Make Socomac, France capacity 250 Amps, 4-pole or equivalent as approved by Engineer Incharge.	1	No.	40000/-	40000/-
1.2	Main Distribution Board (MDB-II) for L&F + GP Load	1	No.	8000/-	8000/-
	Incoming				
	02 - On/Off Indication Lights (Red, Green) Model 8LP2T 1LM, Make Lovato Italy or Equivalent as approved by Engineer Incharge).	2	No.	200/-	400/-
	03 - Phase Indication Lights (Red, Yellow, Blue) 220V, Model 8LP2T 1LM, Make Lovato Italy or Equivalent as approved by Engineer Incharge).	3	No.	200/-	600/-
	01 - CT Operated Digital Multimeter & Electrical Analyzer with voltage, ampss, kW, kVAR, kVA, PF, Hz, kVARh, Hour Counter options, Total 49 Electrical Parameters, Size: 96 x 48 mm, Model: DMK-16, Make Lovato Italy or Equivalent as approved by Engineer Incharge).	1	No.	3000/-	3000/-
	Change over switch Model no. 41AC 4025 Make Socomac, France capacity 250 Amps, 4-pole or equivalent as approved by Engineer Incharge.	1	No.	7000/-	7000/-
Cost of Section-22: (Non-Scheduled Items)				(Rs.)	692000/-

Section-23: MAIN FEEDERS & CABLES(Non-Scheduled Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing, laying & connecting of 120 mm ² , 4 Core, CU/XLPE/PVC, 600/1000V, Unarmoured Cable from Substation to Main Distribution Board laid in ground in 75 mm (3") PVC (D-Class) conduit including digging of earth and making of C.C Manholes with covers at required distance for pulling of cables job also involves refilling of Earth and providing cable markers for route of L.T cable as per specifications.(Distt S/s to MDB II for L&F + GP Loads)	140	mtr.	5000/-	700000/-



a) 20A, S.P, M.C.B (TB-5S) (ESI # 203 P # 31) for 2.0 TR AC.	6	No.	916.00	5,496.00
b) 40A, S.P, M.C.B (TB-5S) (ESI # 203 P # 31) for 4.0 TR AC.	11	No.	916.00	10,076.00
TOTAL COST OF SECTION-25: (Scheduled Items)			(Rs.)	112,320.00

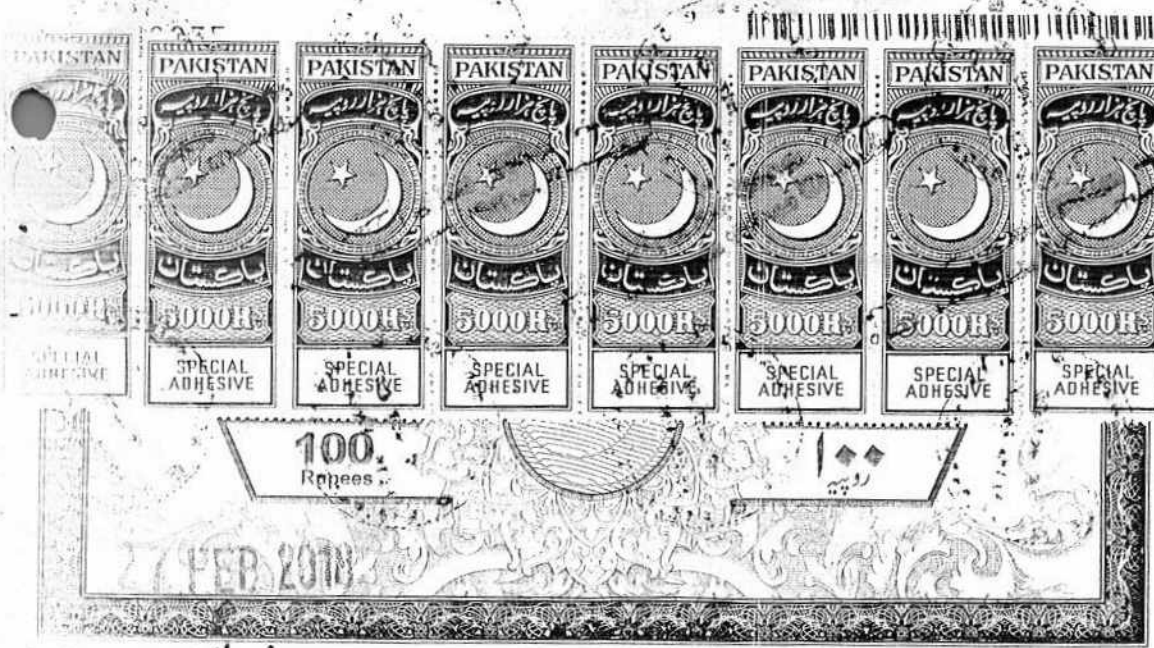
I, The Contractor M/s M/S Gul Trade

Hereby quote 15% Premium above/below on the Scheduled Items (B)= 168,481

Total Amount of Section-25 Scheduled Items in Rs. 1,29,168/-

Section-26: Wiring for the supply of AC units (Non-Scheduled Items)					
S. No.	ITEM DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1.	Providing laying and connecting of 2-4 mm ² copper conductor as ECC with the wiring of A/C in 25 mm (1") dia rigid PVC conduit in ground/floor/false ceiling as required.	268	Mtr.	200/-	53,600/-
2.	Providing and fixing of Plastic Board recessed in the wall or columns as required and covered with plastic sheet to house MCB's used for AC as a switch of following size. (Recommended Plastic Box of M/s Opal) b) Size 78 mm x 83 mm x 56 mm (LxWxD)	13	No.	60/-	780/-
TOTAL COST OF SECTION-26: (Non-Scheduled Items)				(Rs)	54,380/-





نیماز حسین جتوئی
استامب وینڈر
نزدیک سیکرٹریٹ

Num. 41 306.047-17-481.

قل ٹریڈرز حیدرآباد

2579.0
27-02-2018.

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT made on the 27th February day of 2018 between Mehran University of Engineering & Technology, Shaheed Z.A Bhutto Campus Khairpur Mir's of the one part and M/s Gul Traders, Hyderabad of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz INTERNAL / EXTERNAL ELECTRIFICATION, AIR-CONDITIONING WORKS, COMPUTER DATA SYSTEM, FIRE ALARM SYSTEM, PUBLIC ADDRESS & PORTABLE ECO SOUND SYSTEM FOR AUDITORIUM AT MUET, SHAHEED Z.A CAMPUS KHAIRPUR MIR'S vide work order No.PD/MUET/KHP/-44 dated: 23-02-2018 an amounting to Rs.18,095,911.65 should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.


Bid Evaluation Report


1. Name of Procuring Agency: Mehran University of Engineering & Technology, Shaheed Z.A Bhutto Campus Khairpur Mir's.
2. Tender Reference No: PD/MUET/KHP/-375 Dated: 10-12-2017
3. Tender Description/Name of work/item: Internal / External Electrification, Air-Conditioning works, Computer Data System, Fire Alarm System, Public Address & Portable ECO Sound System for Auditorium at MUET, Shaheed Z.A Campus Khairpur Mir's.
4. Method of Procurement: Domestic / Local
5. Tender Published: SPPRA Website on 12-12-2017.
Print & Electronic Media (SPPRA Sr. No. 35665 & MUET, SZAB Campus Khp Website on 12-12-2017. The News Dated: 12-12-2017, Daily Jung Dated: 12-12-2017 & Rozani Sindh Dated: 12-12-2017.
6. Total Bid documents Sold: Four (04) Nos.
7. Total Bids Received: Two (02) Nos.
8. Technical Bid Opening date: (if applicable) N/A (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): N/A
10. Bid(s) Rejected: NIL
11. Financial Bid Opening date: 29-12-2017

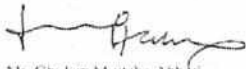
12. Bid Evaluation Report:

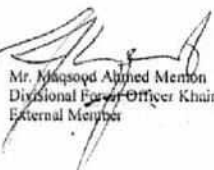
S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Gul Traders, Hyderabad	Rs: 18,095,911.65	1 st Lowest	-% 0.27 Below	Accepted due to 1 st lowest	
2.	M/s G.A Electric Store, Khairpur	Rs: 18,576,654.36	Highest	2.37 % Above	Highest	

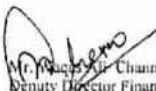
Signatures of the Members of the Committee.


Engr. Mir Sajjad Hussain Talpur
Principal PTD/CCT, Khairpur Mir's
External Member


Prof. Dr. Naveed Raza Shah
Chairman Civil Engg. Deptt.
MUET, SZAB Campus Khairpur Mir's /
Member


Mr. Ghulam Mujtaba Abbasi,
Executive Engineer (Electrical)
SALU, Khairpur Mir's / External Member


Mr. Masood Ahmed Memon
Divisional Project Officer Khairpur
External Member


Mr. Masood Ali Channa
Deputy Director Finance
MUET, SZAB Campus Khairpur
Member


Engr. Naveed Ali Brohi
Assistant Engineer (Electrical)
MUET, SZAB Campus Khairpur Mir's Member
/ Secretary


Engr. Sajjad Hussain Memon
Project Director, MUET, Shaheed Z.A Bhutto Campus, / Khairpur Mir's Convener

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's
Provincial Government
- 2) PROVINCIAL / LOCAL GOVT./ OTHER _____
- 3) TITLE OF CONTRACT Internal/External Electrification,Air-conditioning Works,Computer data syst:Fire Alarm Syst:Public Address & Portable Eco Auditorium at MUET,SZAB Campus Khp
PD/MUET/KHP/-375 Dated: 10-12-2017
- 4) TENDER NUMBER _____
- 5) BRIEF DESCRIPTION OF CONTRACT Internal/External Electrification,Air-conditioning Works,Computer data syst:Fire Alarm Syst:Public Address & Portable Eco Auditorium at MUET,SZAB Campus Khp
Provincial Government
- 6) FORUM THAT APPROVED THE SCHEME _____
- 7) TENDER ESTIMATED VALUE 18,095,911.65
- 8) ENGINEER'S ESTIMATE 18,145,125.03
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 06 Months
29-12-2017 @ 11:30 AM
- 10) TENDER OPENED ON (DATE & TIME) _____
- 11) NUMBER OF TENDER DOCUMENTS SOLD Four (04) Nos
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED Two (02) Nos
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 02 Nos
- 14) BID EVALUATION REPORT Enclosed
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s Gul Traders, Hyderabad
- 16) CONTRACT AWARD PRICE 18,095,911.65
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT 1st Lowest
(i.e. 1st, 2nd, 3rd EVALUATION BID).

18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE Domestic Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE _____
- c) TWO STAGE BIDDING PROCEDURE _____
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE _____

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

Vice Chancellor

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT _____

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	SPPRA No.35665 dated: 12-12-2017
No	

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	The News Dated:12-12-2017, Daily Jung Dated:12-12-2017 & Rozani Sindh Dated:12-12-2017.
No	

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

24) WHETHER BID EVALUATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF
CONTRACT?

(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	No.

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS
(If yes, give details)

Yes	
No	No

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(If yes, give reasons)

Yes	
No	No

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	No

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------


37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	No

Signature & Official Stamp of
Authorized Officer


PROJECT DIRECTOR
SPPRA, Shaheed Z.A. Bhutto Campus
Khairpur Mir's

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

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**SINDH PUBLIC
PROCUREMENT
REGULATORY AUTHORITY**
GOVERNMENT OF SINDH

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SPPRA

PUBLIC PROCUREMENT

NEWS

SEND QUERY

SPP ACT 2009

SPP RULES

NOTIFICATIONS

TRAININGS

POLICY LETTERS

Upcoming Events 08 & 09 Feb 2018 at Darbar Hall DC Office Dadu

Search Tenders List

Serial No.	SPPRA ID	Department	Advertisement Date	Closing Date	Upload Date	City	Tender Notice	BER Date	BERS	CER Date	CERs	Corrigendum Date	Comit
35665	2147483647	Mehran University of Engineering & Technology ZA	2017-12-12 00:00:00	2017-12-29 23:59:59	12-12-2017	KHAIRPUR MIRS		19 Feb 2018					

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MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY,
SHAHEED Z.A BHUTTO CAMPUS KHAIRPUR MIR'S

Phone No.0243-9280314

No. PD/MUET/KHP/-12

Dated: 08-01-2018

To,

Manager (Reforms)
Sindh Public Procurement Regularity Authority
Barrack-8 Secretariat 4-A
Court Road
Karachi.

SUBJECT: **BID EVALUATION REPORT FOR THE INTERNAL / EXTERNAL ELECTRIFICATION, AIR-CONDITIONING WORKS, COMPUTER DATA SYSTEM, FIRE ALARM SYSTEM, PUBLIC ADDRESS & PORTABLE ECO SOUND SYSTEM FOR AUDITORIUM AT MUET, SHAHEED Z.A CAMPUS KHAIRPUR MIR'S.**

Reference: NIT NO: PD/MUET/KHP/-375 Dated:10-12-2017, SPPRA SERIAL No. 35665.

Dear Sir,

We are enclosing here hard and soft copies on CD of Bid Evaluation Report signed by the Procurement Committee of the subject NIT for hoisting / publication on the SPPRA website in compliance of Rule No. 45.

It is further requested that the Bid Evaluation Report of subjected NIT may kindly be hoisted at SPPRA website on the Evaluation Reports webpage, at earliest so that the post tender codal formalities could be completed.

Your earliest response will highly be appreciated please.


(PROJECT DIRECTOR)

C.C to:

1. Director (W&SP), MUET, Jamshoro
2. Deputy Director, ICPC, MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's Bid Evaluation Report for uploading on Web-Site of MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's.
3. The Secretary to Pro-Vice Chancellor, MUET, Shaheed Z.A Bhutto Campus, Khairpur Mir's.