

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. Mehran University of Engineering & Technology, Jamshoro
- 2) PROVINCIAL / LOCAL GOVT. / OTHER Autonomous
- 3) TITLE OF CONTRACT Int: & Ext: Elect: Sport Complex (Gymnasium Hall)
- 4) TENDER NUMBER No.MUET/PD (M-III)/JAM-51, Dated: 05-03-2013
- 5) BRIEF DESCRIPTION OF CONTRACT Electrification
- 6) FORUM THAT APPROVED THE SCHEME From Regular Allocated
- 7) TENDER ESTIMATED VALUE Rs. 10773218.02
- 8) ENGINEER'S ESTIMATE (For civil works only) Rs. 10773218.02
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 15 Months
- 10) TENDER OPENED ON (DATE & TIME) 05-04-2013 at 12.30 PM
- 11) NUMBER OF TENDER DOCUMENTS SOLD (Attach list of buyers) 05 Numbers
- 12) NUMBER OF BIDS RECEIVED 03 Numbers
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 03 Numbers
- 14) BID EVALUATION REPORT (Enclose a copy) Already sent
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s Pakistan Electric Work
- 16) CONTRACT AWARD PRICE Rs. 10,658,453.84
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1st, 2nd, 3rd EVALUATION BID).
1) M/s Pakistan Electric Works.
2) M/s Sungreen Electric & Construction Company.
3) M/s Gul Traders.
- 18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE - ONE ENVELOPE PROCEDURE Single Stage Domestic/ Local
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE No
- c) TWO STAGE BIDDING PROCEDURE No
- d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE No

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT _____

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

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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21) ADVERTISEMENT :

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

Yes	S.# 15712 ID-11325/2013 /2013 Date: 07-03-2013
No	

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

Yes	
No	No

22) NATURE OF CONTRACT

Director 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 type="checkbox"/>	No	<input checked="" type="checkbox"/>
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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"/>
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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"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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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"/>
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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"/>
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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"/>
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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"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

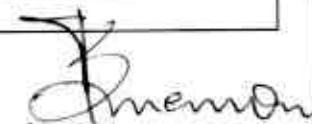
Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	No

Signature & Official Stamp of
Authorized Officer

06-05-2013

Project Director M-III
M.U.E.T, Jamshoro.


Accounts Officer
Mehran University of Engg. & Tech:
Jamshoro

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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**MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY,
JAMSHORO, SINDH, PAKISTAN.**

Tel: Off: +92-222-771153, Fax: +92-222-771403

E-mail: pdm_iimuet@yahoo.com.pk



No: MUET/PD-(MIII)/JAM/-105,
Dated 06-05-2013.

**M/s Pakistan Electric Work
Hyderabad.**

WORK ORDER.

**SUBJECT:- INTERNAL & EXTERNAL ELECTRIFICATION AND AIR
CONDITIONING WORKS OF SPORT COMPLEX (GYMNASIUM HALL)
AT MUET JAMSHORO.**

Reference: Your Percentage / Item Rate Tender, Dated 05-04-2013

C.C. To,

1. The Secretary, to the Vice Chancellor, MUET, Jamshoro
2. The Secretary, to the Pro-Vice Chancellor, MUET, Jamshoro
3. The Assistant Engineer -II, MUET, Jamshoro, with instruction to intimate the date of start and to supervise the work.
4. M/s RCC Consultants, Hyderabad, with request to mobilize the contractor and carry-out detailed supervision.
5. The Director (A&F), Sindh Public Procurement Regular Authority (SPPRA), Karachi.

Your percentage/item rate tender for execution of the above subjected work at the cost of **Rs. 10,658,453.84** on tender amount has been accepted by the University Authorities, as being the lowest rate tender in competition.

- No Premium Shall be allowed on Non-Schedule Items.
- No Cartage Shall be paid separately.

The mobilization advance shall be allowed to you at the 10% of the tendered cost without interest against guarantee of scheduled Bank/ Insurance Company as mentioned below.

- M/s Adamjee Insurance Company.
- M/s Eastern Federal Union Insurance Company (EFU)

You are therefore, requested to please attend the office of the undersigned within seven days for executing the agreement (with duly adhesive stamps), and complete the other formalities to start the work at site.

You are therefore, requested to start the work within seven days & complete the work within **15 months** according to the drawing, design & specifications under the supervision of Assistant Engineer-II, Mehran University of Engineering & Technology, Jamshoro

Other terms & Conditions
followed by back of the page

AMU
21/5/13

ENGR. RIAZ HASSAN QURESHI
PROJECT DIRECTOR, MEGA III
06/05/13

This tender is issued to
M/s Pakistan Electric
Works, Hyd.
Date: 20-03-2013

**MEHRAN UNIVERSITY OF
ENGINEERING & TECHNOLOGY
JAMSHORO**

[Signature]
26/3/13
PROJECT DIRECTOR
Mehran University of Engineering & Technology
JAMSHORO

TENDER DOCUMENTS

FOR

Internal & External Electrification and Air-Conditioning Work of Sports
Complex (Gymnasium Hall) Mehran University Of Engineering and
Technology MUET Jamshoro

March-2013

PREPARED BY

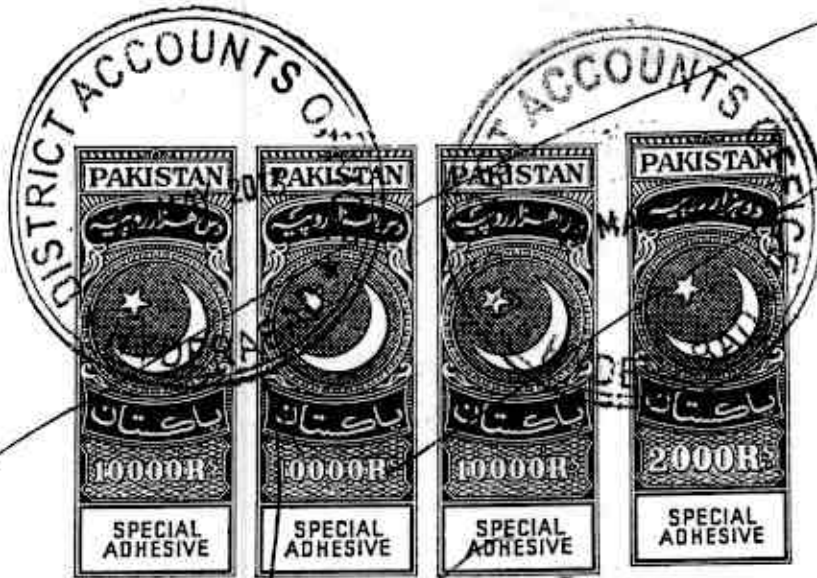


[Signature]
PAKISTAN ELECTRIC WORK
Government Contractor
Hyderabad

RCC Consultants

Drinking Water Rapid/Slow Sand Filtration Plants, Waste Water Treatment, Solid Waste Management,
Water Supply, Sewerage System, Civil, Electrical, Mechanical & Architectural Works,
City Master Plans, GIS, Environmental Consultants
6-Green Homes Phase-1, Qasimabad Hyderabad
Phones No (022-2652957), Fax no (022-2655833)
E-mail: rcc.consultants@rccgoc.com
www.rccgoc.com





Assistant Accountant
District Accounts Office, Hyderabad.

INVITATION FOR BIDS





RCC CONSULTANTS

Drinking Water Rapid / Slow Sand Filtration Plants, Waste Water Treatment,
Solid Waste Management Water Supply, Sewerage System, Civil, Electrical, Mechanical
& Architectural Works, City Master Plans, GIS, Environmental Consultants

Address:- 6-Green Homes Phase-I Qasimabad Hyderabad

Phone No 022-2652957 Fax No 022-2655833

E-mail: rcc.consultants@rccgoc.com

www.rccgoc.com

INTERNAL & EXTERNAL ELECTRICAL ELECTRIFICATION AND AIR- CONDITIONING WORK OF SPORT COMPLEX (GYMNASIUM HALL) AT MUET JAMSHORO MAIN SUMMARY

S. No.	Description	Amount (Rs.)
1	Section-1: Internal Electrification (Scheduled Rate Items) <i>This amount carried from page no:106</i>	Rs. 1005833 -
2	Section-2: Internal Electrification (Non-Scheduled Items) <i>This amount carried from page no:107</i>	Rs. 54155 -
3	Section-3: Court Side Electrification (Scheduled Items) <i>This amount carried from page no:109</i>	Rs. 927905 -
4	Section-4: Court Side Electrification (Non-Scheduled Items) <i>This amount carried from page no:110</i>	Rs. 70070 -
5	Section-5: Light Fittings & Fixtures (Schedule Items) <i>This amount carried from page no:111</i>	Rs. 123418 -
6	Section-6: Light Fittings & Fixtures (Non Schedule items) <i>This amount carried from page no:112</i>	Rs. 2324900 -
7	Section-7: Distribution Boards & Feeders (Scheduled items) <i>This amount carried from page no:114</i>	Rs. 993693 -
8	Section-8: Distribution Boards & Feeders (Non Scheduled items) <i>This amount carried from page no:118</i>	Rs. 1319655 - 410248/-
9	Section-9: Earthing (Non scheduled items) <i>This amount carried from page no:118</i>	Rs. 322600 -
10	Section-10: Telephone System (Non Scheduled items) <i>This amount carried from page no:119</i>	Rs. 38700 -
11	Section-11: Public Address/ Sound System (Non Schedule items) <i>This amount carried from page no:120</i>	Rs. 119040 -
12	Section-12: CCTV SYSTEM (Non scheduled) <i>This amount carried from page no:121</i>	Rs. 351700 -
13	Section-13: A/C Equipment & Installation (Non-Scheduled Items) <i>This amount carried from page no:122</i>	Rs. 1008500 -
14	Section-14: Wiring for the supply of A/C units (Schedule Items) <i>This amount carried from page no:123</i>	Rs. 112264 -
15	Section-15: Wiring for the supply of A/C units (Non-Schedule Items) <i>This amount carried from page no:123</i>	Rs. 26750 -
16	Section-16: External Electrification (Scheduled Items) <i>This amount carried from page no:124</i>	Rs. 113559 -
17	Section-17: External Electrification (Non Schedule Items) <i>This amount carried from page no:125</i>	Rs. 158640 -
18	Section-18: DISTRIBUTION BOARDS (Scheduled Items) <i>This amount carried from page no:125</i>	Rs. 65779 -
19	Section-19: DISTRIBUTION BOARDS (Non-Scheduled Items) <i>This amount carried from page no:126</i>	Rs. 145000 -
20	Section-20: MAIN FEEDERS & CABLES (Scheduled Items) <i>This amount carried from page no:126</i>	Rs. 2252212 -
21	Section-21: Alteration in SS-6 (Scheduled Items) <i>This amount carried from page no:126</i>	Rs. 33490 -
TOTAL AMOUNT		Rs. 10,658,453.36/-

Amount in words

one crore five lac sixty thousand six hundred and fifty three rupees only

[Signature]

SIGNATURE OF BIDDER

[Signature]

SEAL OF BIDDER

10,658,453.36/-



RCC CONSULTANTS

Drinking Water Rapid / Slow Sand Filtration Plants, Waste Water Treatment,
Solid Waste Management Water Supply, Sewerage System, Civil, Electrical, Mechanical
& Architectural Works, City Master Plans, GIS, Environmental Consultants
Address:- 6-Green Homes Phase-I Qasimabad Hyderabad
Phone No 022-2652957 Fax No 022-2655833
E-mail: rcc.consultants@rccgoc.com
www.rccgoc.com

INTERNAL ELECTRICAL WORKS OF GYMNASIUM M.U.E.T JAMSHORO

Section-1: Internal Electrification (Scheduled Rate Items)

ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1 Wiring for light or fan point with 3/0.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in wall or column as required. (SI # 124 Page # 15).	327	Per Point	1,130.00	369,510.00
2 Wiring for plug point with 3/0.029 PVC insulated wire 20mm (3/4") PVC conduit recessed in the wall or column as required. (SI # 126 page # 15).	25	Per point	985.00	24,625.00
3 Wiring for mains with 2-2.5 mm ² S/C, PVC insulated cable in 25 mm (1") dia PVC conduit recessed in a wall or as required (Lighting Circuit) (SI # 10 Page # 2) (Approx length)	1829	Per Mtr	222.00	406,038.00
4 Wiring for mains with 2-4mm ² S/C, PVC insulated cable in 25 mm (1") conduit recessed in the wall or as required (Power Circuit) (SI # 11 Page # 2) (Approx length)	1372	Per Mtr	252.00	345,744.00
5 Providing & fixing one way SP 5amp switch flush type (SI # 219 Page # 33) on a given prepared board	400	Per No.	54.00	21,600.00
6 Providing and fixing of flush type, 2/3 pin, 5 Amps, S.P plug & socket, switch and shoe unit on a given prepared board. (SI # 223 Page # 33)	62	Nos.	91.00	5,642.00
7 Providing, fixing & connecting of 3 pin 15 amp, S.P. plug & socket switch & shoe unit on a given prepared board. (SI # 227 Page # 33).	50	Nos.	162.00	8,100.00
8 Providing and fixing of flush type 2 pin 5 Amps S.P. plug & socket switch & shoe unit on a given prepared board. (SI # 225 Page # 33).	25	Per No.	83.00	2,075.00
i) Amount of Schedule items in Rs.				1,183,334.00


I the Contractor _____

ii) Here by quote 15% premium ~~above~~ below on the schedule items.

Total Amount of SECTION-1 Schedule Items (i+ ii) in Rs.

Amount carried over to summary at serial no - 1, Page- no:105

177,500/-
177,500/-
1005833
1005,833.91/-


Contractor
Government of Karnataka
Hyderabad

Section-2: Internal Electrification (Non-Scheduled Items)

	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Providing and fixing of metal board, recessed in the wall or columns and covered with socket sheet to house plug-socket switch or regulator etc. (Approx. Quantity) (Non Schedule).	9.3	Sq Mtr	3200/-	29760/-
2	Providing and fixing of metal board to accommodate mains or sub mains switches, plug socket units etc. recessed in the wall, as required. (Approx Quantity) (Non Schedule)	6.97	Sq Mtr	3500/-	24395/-
Total Amount of SECTION-2 Non Schedule Items in Rs.					54155/-

Amount carried over to summary at serial no - 2, Page- no:105





PAKISTAN GOVERNMENT
 Government of Punjab
 Electrical



RCC CONSULTANTS

Drinking Water Rapid / Slow Sand Filtration Plants, Waste Water Treatment,
Solid Waste Management Water Supply, Sewerage System, Civil, Electrical, Mechanical
& Architectural Works, City Master Plans, GIS, Environmental Consultants

Address:- 6-Green Homes Phase-I Qasimabad Hyderabad

Phone No 022-2652957 Fax No 022-2655833

E-mail: rcc.consultants@rccgoc.com

www.rccgoc.com

INTERNAL ELECTRICAL WORKS OF GYMNASIUM M.U.E.T, JAMSHORO

Section-3: Court Side Electrification (Scheduled Items)

No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
1	Providing & laying PVC insulated with size 4-10mm ² , copper conductor cables in 1 ½" PVC conduit recessed/concealed in RCC, Massonry, or open on ceiling's beam surface as required, complete with all wiring accessories. (Light points to be directly controlled by respective single phase circuit breakers in Distribution Boards as shown on drawings) (SI # 41, P # 6)	772	Meter	858.00	662,376.00
2	supply & wiring of score of board with 2-10mm ² , single core, PVC insulated 450/750 volts grade copper conductor cables in 1 ½" PVC conduit concealed in RCC, Masonry, or open on ceiling's beam surface as required, complete with all wiring accessories. (Light points to be directly controlled by respective single phase circuit breakers in Distribution Boards as shown on drawings).(Sr # 13, P-2)	118	Meter	463.00	54,634.00
3	Wiring of 3 phase industrial type Exhaust fan with 10mm ² , 4 core, PVC insulated copper conductor in 1 ½" PVC conduit concealed in RCC, or Masonry from exhaust fan point to respective DB. (Exhaust fans to be directly controlled by respective three phase circuit breaker in DB as shown on drawing) (Sr # 101, P-12)	384	Meter	742.00	284,928.00
4	Supply & installation of Starter panel for exhaust fans & Contactor, Push buttons & Indication lamps. Complete in all respects & with all accessories.	8	No.	5,500.00	44,000.00

PROJECT: COURT SIDE ELECTRIFICATION
GYMNASIUM M.U.E.T
JAMSHORO
Hyderabad

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[Handwritten Signature]
P-108/

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
5	Supply & wiring of the lift points/ fans with 2-1.5mmsq. PVC insulated, 450/750V grade, single core, copper conductor cables+1-1.5mmsq, bare copper conductor as ECC in 20mm dia rigid PVC conduit concealed in RCC or masonry as required from the switch board to the light point, including providing & fixing of the ceiling rose, 250V, single pole one way switch with back boxes recessed in wall or column as required, complete in all respects with all accessories.	3	Nos	1,000.00	3,000.00
6	Providing fixing & connecting of 10 Amps, 2/3 pin switch socket unit on 18 SWG sheet steel back box mounted on wall / column, as shown on the following.	6	Nos	500.00	3,000.00
7	Supply and wiring of the lighting circuit with 2-2.5mm ² PVC cable, 450/750 volts grade, single core, copper conductor cable + 1.5mm ² E.C.C in 25mm dia rigid PVC conduit concealed in R.C.C / Cable tray / Dura duct or masonry as required, from the distribution board to the switchboard complete in all respects with all accessories.	1	Nos	2,500.00	2,500.00
i)	Amount of Schedule items in Rs.				1,054,438.00

I the Contractor _____

ii) Here by quote 12% premium above/ below on the schedule items.

126532.56
126532.56

Total Amount of SECTION-3 Schedule Items (i+ ii) in Rs. 927905

Amount carried over to summary at serial no - 3, Page- no:105

PAKISTAN GOVERNMENT WORKS
Contractor
12/11/2013

P-109/

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
Section-4: Court Side Electrification (Non-Scheduled Items)					
1	Providing & laying of hard drawn bare copper wire # 12 S.W.G as E.C.C with mains as per Item # 1 of Section "B" (Scheduled Items) above in 1 ½" PVC conduit recessed/concealed in RCC, Masonry, or open on ceiling's beam surface as required, complete with all wiring accessories. (Light points to be directly controlled by respective single phase circuit breakers in Distribution Boards as shown on drawings)	772	Meter	55/-	42460-
2	Providing & laying of hard drawn bare copper wire # 12 S.W.G as a E.C.C with mains as per item # 2 of Section "B" (Scheduled Items) above in 1 ½" PVC conduit recessed/concealed in RCC, Masonry, or open on ceiling's beam surface as required, complete with all wiring accessories. (Light points to be directly controlled by respective single phase circuit breakers in Distribution Boards as shown on drawings).	118	Meter	55/-	6490-
3	Providing & laying of hard drawn bare copper wire # 12 S.W.G. as a E.C.C with mains as per item # 3 of Section "B" (Scheduled items) above in 1 ½" in PVC conduit concealed in RCC, or Masonry from exhaust fan point to respective DB. (Exhaust fans to be directly controlled by respective three phase circuit breaker in DB as shown on drawing)	384	Meter	55/-	21120-
Total Amount of SECTION-4 Non Schedule Items in Rs.					70070-

Amount carried over to summary at serial no - 4, Page- no:105


 GOVERNMENT CONTRACTOR
 Hyderabad

P-1101

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
Section-5: Light Fittings & Fixtures (Schedule items)					
1	Providing installing and connecting of Millat / Asia/ Pak fan make or equivalent 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 1.5mm 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 (S# 235 P # 34)	31	No	3,185.00	98,735.00
i) Amount of Schedule items in Rs.					98,735.00
I the Contractor _____					
ii) Here by quote <u>25%</u> premium above/ <u>below</u> on the schedule items.					<u>24,683.75</u> <u>24,683.75</u>
Total Amount of SECTION-5 Schedule Items (i+ ii) in Rs.					<u>1,23,418.75</u>
Amount carried over to summary at serial no - 5, Page- no:105					

Section-6: Light Fittings & Fixtures (Non Schedule items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL 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	Philips make TCS-240/L or equivalent flourescent light fixture with 2x36W TL'D lamps and 'L' Louver	30	Nos.	4500 -	135000 -
1.2	Philips make TBS-240/L or equivalent	6	Nos.	4500 -	27000 -
1.3	Philips make TBS-420/M2 or equivalent flourescent light fixture with 4x18W TL'D lamps and 'M2' Louver	28	Nos.	5000 -	140000 -
1.4	Philips make TBS-240/M2 or equivalent flourescent light fixture with 2x36W 'TL'D lamps and 'M2' Louver	18	Nos.	4200 -	75600 -
1.5	Philips make GKD-240 or equivalent flourescent light fixture with 2x36W 'TL'D lamps.	67	Nos.	3500 -	234500 -
1.6	Philips make TMS-140 or equivalent flourescent light fixture with 1x36W TL'D' Lamp	3	Nos.	1350 -	4050 -

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
1.7	Philips make TMS-120 or equivalent flourescent light fixture with 1x18W TL'D' Lamp. (Mirror light)	26	Nos.	1050-	27300-
1.8	Philips make FCS-120 (Lunar Surface Mounted) or equivalent Downlighter with 11W CFL lamp. Complete in all respect with all accessories.	50	Nos.	1300-	65000-
1.9	Philips make FCS-120 (Lunar Surface Mounted) or equivalent Downlighter with 18W CFL lamp. Complete in all respect with all accessories.	10	Nos.	1300-	13000-
1.10	Philips make FBH145 or equivalent False Ceiling Downlighter with 24W PLC lamp, complete in all respect with all accessories.	8	Nos.	1800-	14400-
1.11	Philips make FCS145 or equivalent Surface mounted Downlighter with 24W PLC lamp, complete in all respect with all accessories.	22	Nos.	1600-	35200-
1.12	Sun make OD-713 or equivalent Bollard Light Fixtures having a Die-cast aluminium body and Extruded aluminium post with 24W CFL lamp. Complete in all respect with all accessories.	24	Nos.	8000-	192000-
1.13	Philips make or equivalent Wall-Bracket Fancy Light Fixture (having Glass Shade) with 24W CFL lamp, complete in all aspects with all accessories. To be approved by Client	11	Nos.	2500-	27500-
1.14	Philips make or equivalent Spot Light Fixture with 50W Halogen lamp, complete in all aspects with all accessories. To be approved by Client.	99	Nos.	1250-	123750-
1.15	Philips make Phoenix HDK900 or equivalent High Bay light fixture with 250W HID (Metal Halide) lamp having front glass cover, complete in all respect with all accessories.	66	Nos.	13000-	858000-
2	Providing installing and connecting of following fans				
2.1	Millat / Asia/Pak Fan make or equivalent 8" sweep exhaust fan complete with capacitors including making of hole in wall to accommodate the fan & repairing good the damages.	13	Nos.	2200-	28600-

[Handwritten Signature]

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8-112

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
2.2	Providing, installing and connecting of 24"-30" sweep wall bracket fan, complete in all respect with all accessories.	1	Nos.	4000 -	4000 -
2.3	supply of 3 phase, Silent (low noise), Exhaust fan of about 5000 cfm with a maximum of 3hp motor, complete in all respect with all accessories including making of holes in wall to accommodate the fan & repairing good the damages.	8	Nos.	40000 -	320000 -

Total Amount of SECTION-6 Non Schedule Items in Rs.

2324900

Amount carried over to summary at serial no - 6, Page- no:105




 PROJECT CONSULTANT
 Government Contractor
 Mumbai



S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
Section-7: Distribution Boards & Feeders (Scheduled items)					
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° ambient temperature at 415V). Panel enclosure to comply with IP-50.				
1.1	DB-1 Incoming 01-200 A, T.P., M.C.C.B (Sr# 209, P-31)	1	No.	27,411.00	27,411.00
	Outgoing (Sr- 203, P-31) 18-10 A, S.P, M.C.B.s (Sr- 203, P-31)	18	No.	916.00	16,488.00
	12-15 A, S.P, M.C.B.s (Sr- 203, P-31)	12	No.	916.00	10,992.00
	6-20 A, S.P, M.C.B.s (Sr- 203, P-31)	6	No.	916.00	5,496.00
1.2	DB-2 Incoming 01-150A, T.P, M.C.C.B (Sr- 208, P-31)	1	No.	25,541.00	25,541.00
	Outgoing 18-10A, S.P, M.C.B.s (Sr- 203, P-31)	18	No.	916.00	16,488.00
	15-15A, S.P, M.C.B.s (Sr- 203, P-31)	15	No.	916.00	13,740.00
1.3	DB-3 Incoming 01-100 A, T.P., M.C.C.B (Sr- 207, P-31)	1	No.	9,261.00	9,261.00
	Outgoing 24-15 A, S.P, M.C.B.s (Sr- 203, P-31)	24	No.	916.00	21,984.00
	03-20 A, S.P, M.C.B.s (Sr- 203, P-31)	3	No.	916.00	2,748.00
1.4	DB-4 Incoming 01-100 A, T.P., M.C.C.B (Sr- 207, P-31)	1	No.	9,261.00	9,261.00
	Outgoing 24-15A, S.P, M.C.B.s (Sr- 203, P-31)	24	No.	916.00	21,984.00
	03-20A, S.P, M.C.B.s (Sr- 203, P-31)	3	No.	916.00	2,748.00



PROJECT OFFICER
GURGAON
11/11/2013

Sr. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
1.5	DB-5 (Air-Conditioning) Incoming 01-100 A, T.P, M.C.C.B (Sr- 207, P-31)	1	No.	9,261.00	9,261.00
	Outgoing 06-20 A, S.P, M.C.C.s (Sr- 203, P-31)	6	No.	916.00	5,496.00
	06-16 A, S.P, M.C.C.s (Sr- 203, P-31)	6	No.	916.00	5,496.00
2.	For detail of Item at Sr No 2, Pl see section D(b) below (Non scheduled items)				
3	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.				
3.1	DB-1 Providing 70mm ² , 4Core, PVC in ground/ floor as required. (Approx length) (Sr # 106 P # 12)	96	Meter	4,722.00	453,312.00
3.2	DB-2 50mm ² , 4Core, PVC in ground/ floor as required. (Approx length) (Sr # 105 P # 12)	48	Meter	3,312.00	158,976.00
3.3	DB-3 16mm ² , 4Core, PVC in ground/ floor as required. (Approx length) (Sr # 102 P # 12)	48	Meter	1,300.00	62,400.00
3.4	DB-4 16mm ² , 4Core, PVC in ground/ floor as required. (Approx length) (Sr # 102 P # 12)	48	Meter	1,300.00	62,400.00
3.5	DB-5 25mm ² , 4Core, PVC/PVC in ground/ floor as required. (Approx length) (Sr-103, P-12)	48	Meter	1,909.00	91,632.00
4.1	SWB-1 Control wiring of 2-2.5mm ² , S/C, PVC Cable in respective rigid PVC conduit in ground/ floor as required (approx. length) (Sr # 45, P-6)	960	Meter	118.00	113,280.00
4.2	SWB-2 Control wiring of 2-2.5mm ² , S/C, PVC Cable in respective rigid PVC conduit in ground/ floor as required (approx. length) (Sr # 45, P-6)	192	Meter	118.00	22,656.00
i)	Amount of Schedule items in Rs.				1,169,051.00

I the Contractor _____

ii) Here by quote 15 premium above/ below on the schedule items.

Total Amount of SECTION-7 Schedule Items (i+ ii) in Rs.

Amount carried over to summary at serial no - 7 Page- no:105

17535761
17535761
9936931
P-1141

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No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
Section-8: Distribution Boards & Feeders (Non Scheduled items)					
1	Providing, installing connecting & commissioning of the following items on Distribution Boards (DBs) (as per detail given in section D-1 for sheduled items) 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	DB-1 (Cost of Distt Board) Incoming	1	No	13000 -	13000 ✓ -
	03-Phase (R.Y.B) indication lamps 220v Model 8LP2T1LM, Make Lovato (Italy) or equivelent.	3	No.	400 -	1200 <
	Control fuse with base 2/32A Model T-0+ PM-F ,Make DF (Spain) or equivelent	3	No.	450 -	1350 ✓ -
1.2	DB-2 (Cost of Distt Board) Incoming	1	No	13000 -	13000 -
	03-Phase (R.Y.B) indication lamps 220v Model 8LP2T1LM, Make Lovato (Italy) or equivelent.	3	No.	400 -	1200 <
	Control fuse with base 2/32A Model T-0+ PM-F ,Make DF (Spain) or equivelent	3	No.	450 -	1350 ✓ -
1.3	DB-3 (Cost of Distt Board) Incoming	1	No	40000 -	40000 ✓ -
	03-Phase (R.Y.B) Indication lamps 220v Model 8LP2T1LM, Make Lovato (Italy) or equivelent.	3	No.	400 -	1200 -
	Control fuse with base 2/32A Model T-0+ PM-F ,Make DF (Spain) or equivelent	3	No.	450 -	1350 ✓ -
	Outgoing				
	13-Magnetic contactor TP 22A @ AC3,(1a + 1b) Model TC-22b Make Terasaki, Korea	13	No.	3500 -	45500 -
1.4	DB-4 (Cost of Distt Board) Incoming	1	No	45000 -	45000 ✓ -

PAKISTAN POWER WORK
Government of Punjab
Lahore



P-1151

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
	03-Phase (R.Y.B) indication lamps 220v Model 8LP2T1LM, Make Lovato (Italy) or equivalent.	3	No.	400-	1200-
	Control fuse with base 2/32A Model T-0+ PM-F ,Make DF (Spain) or equivalent	3	No.	450-	1350-
	Outgoing				
	12-Magnetic Contactor TP 22A @ AC3,(1a + 1b) Model TC-22b Make Terasaki, Korea	12	No.	3500-	42000-
1.5	DB-5 (Air-Conditioning) (Cost of Dist Board)	1	No	10000-	10000-
	Incoming				
	03-Phase (R.Y.B) indication lamps 220v Model 8LP2T1LM, Make Lovato (Italy) or equivalent.	3	No.	400-	1200-
	03- Control fuse with base 2/32A Model T-0+ PM-F ,Make DF (Spain) or equivalent	3	No.	450-	1350-
2	Providing, installing, connecting & commissioning of the following Control switch Boards, fabricated of 16 SWG steel clad, cubical design with hinged door cover, wall (recessed) mounted, comprising of ON/OFF Push Button, with indication lamps and clearly marked labels, for switching of lighting circuits via contactors from Db-3 / DB-4 having the following configuration. Panel Enclosure to comply with IP-50.				
2.1	SWB-1 (Control Switch Board)(Cost)	1	No.	15000-	15000-
	12-ON+12-OFF Push Buttons Model A25PF10G/A25PF01 or Make Maruyasu (japan) or equivalent with labels and indication lights ON/OFF Model B8LP2T1LM make Lovato (Italy) or equivalent	24	No.	450-	10800-
	Indication lights ON/OFF Model B8LP2T1LM make Lovato (Italy) or equivalent	24	No.	400-	9600-
2.2	SWB-2 (Control Switch Board)(Cost)	1	No.	15000-	15000-
	13-ON+13-OFF Push Buttons Model A25PF10G/A25PF01 or Make Maruyasu (japan) or equivalent with labels and indication lights ON/OFF Model B8LP2T1LM make Lovato (Italy) or equivalent	26	No.	450-	11700-

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
	26-Indication lights ON/OFF Model B8LP2T1LM make Lovato (Italy) or equivelent	26	No.	400-	10400-
3	Providing laying & connecting of hard drawn Copper wire from Main Distribution Board (MDB) 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	DB-1 Providing & laying of hard drawn bare copper wire # 12 S.W.G as E.C.C with wiring of DB-1 in 50 mm dia rigid PVC ground/Floor as required.	96	Meter	55-	5280-
3.2	DB-2 Providing & laying of hard drawn bare copper wire # 12 S.W.G as E.C.C with wiring of DB-2 in 50 mm dia rigid PVC ground/Floor as required.	48	Meter	55-	2640-
3.3	DB-3 Providing & laying of hard drawn bare copper wire # 12 S.W.G as E.C.C with wiring of DB-3 in 50 mm dia rigid PVC ground/Floor as required.	48	Meter	55-	2640-
3.4	DB-4 Providing & laying of hard drawn bare copper wire # 12 S.W.G as E.C.C with wiring of DB-4 in 50 mm dia rigid PVC ground/Floor as required.	48	Meter	55-	2640-
3.5	DB-5 Providing & laying of hard drawn bare copper wire # 12 S.W.G as E.C.C with wiring of DB-5 in 50 mm dia rigid PVC ground/Floor as required.	48	Meter	55-	2640
4	Providing, Laying & connecting of PVC 450/700V grade copper conductor cables from distribution board (DBs) to the controlled switch boards (SWBs), recessed in the RCC or on surface/ concealed in the wall or column as required, complete in all respects with all fixing and termination accessories and entire satisfaction of consultant / owner				



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S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
5.1	Providing, installing and levelling of the following size 14 SWG sheet steel wiring raceway for laying of cables including fixing of all accessories such as reducer, bend, corner, dropper etc complete in all respects including the cost of M.S hanger, rawl bolts (Hnager and rawl bolt should be of appropriate size to bear the load of trunking and the power cable to be laid). Job to be completed according to drawing / specifications and satisfaction of consultant's/ owner's Engineer 150x75mm Wire Raceway	183	Meters	550-	100650/- 100650/-
Total Amount of SECTION-8 Non Schedule Items in Rs.					319655/-

Amount carried over to summary at serial no - 8, Page- no:105

Section-9: Earthing (Non scheduled items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL 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 specificatin and drawing.	2	Job	25000 -	50000 -
2	Providing drawing, connecting & testing of 2-70mm ² bare copper conductor as earthing leads in 32mm dia G.I pipe burried 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.	2	Job	10000 -	20000 -
3	Providing fixing and connecting of 200x200 x5mm thick copper earth terminal blocks.	2	Job	1500 -	3000
4	Providing and fixing of PVC insulated copper wire 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).	3120	Meter	80 -	249600
Total Amount of SECTION-9 Non Schedule Items in Rs.					322600/-

Amount carried over to summary at serial no - 9, Page- no:105

PAKISTAN ELECTRICITY REGULATORY AUTHORITY
General Manager
(Consumer)



P-1181

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
Section-10: Telephone System (Non Scheduled items)					
1	Providing installing and connectin of one pin telephone socket outlet with back box recessed on wall complete with all accessories.(Recommended Clipsal/Pony/LG-Ericsson brand)	15	Nos.	500 -	7500 -
2	Providing & wiring of telephone outlets with 1-4 pair PVC/PVC telephone wire in 25mm dia, rigid PVC conduit concealed in R.C.C or masonry as required (recommended Schneider Actassi brand) complete in all respects with all accessories	230	meters	80 -	18400 -
3	Providing, installing and connecting and testing of the following size approved Telephone Junction Box . Complete in all respects. a) 30 pair TJB on Ground Floor (LSA-PLUS Disconnection Module (Tag Block) with connecting box) or as approved by owner's	1	No.	8000 -	8000 -
4	Providing, installing and connecting of the following multi-core, telephone in 25mm dia in rigid PVC conduit/ G.I pipe concealed in R.C.C or masonry or buried in ground as per required, complete in all respects with all accessories. a) 30 pair Multicore cable from MTJB to TJB (Approx. length)(Recommended Pony brand or as approved by owner/his rep engineer	9.6	Meter	500 -	4800 -
Total Amount of SECTION-10 Non Schedule Items in Rs.					38700 -

Amount carried over to summary at serial no - 10, Page- no 105

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 PROJECT ENGINEER
 Electrical & Instrumentation
 Department



P-119/

No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
Section-11: Public Address/ Sound System (Non Schedule items)					
1	Providing installing and connectinf of client specified public Address System with a 200W (Amplifier With echo system). Complete in all respect with all accessories.	1	No.	8500 -	8500 -
2	Supply and installation of Microphone. Complete in all respect.	2	Nos.	8000 -	16000 -
3	Supply and installation of 6W column type loudspeaker. Complete in all respect.	11	Nos.	4500 -	49500 -
4	Supply and installation of 30W (minimum) horn/ trumpet type loudspeaker. Complete in all respect with all accessories.	4	Nos.	4000 -	16000 -
5	Wiring of the sound system with 2.5mm ² , over all shielded PVC insulated, 2-core, 450/750 V grade copper conductor, cable as shown in drawing with 20mm dia PVC conduit/ in given PVC Dura Duct/ Cable tray, complete in all respects with all accessories. (Scheduled rate @ S# 3 P# 1)	216	Meter	100 -	21600 -
6	wiring of Microphone as shown in drawing with respective Co-axial cable in 25mm dia PVC conduit, complete in all respects with all accessories.	9.6	Meter	150 -	1440 -
7	providing, installing and connecting of respective volume control outlets (Amplifier with Echo system) for store room on ground floor. Complete in all respect with all accessories.	1	No.	6000 -	6000 -
Total Amount of SECTION-11 Non Schedule Items in Rs.					119040/-

Amount carried over to summary at serial no - 11, Page- no:105

Section-12: CCTV SYSTEM (Non scheduled)




S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Providing installing and connecting of Client Specified Digital Video Recording System. Complete in all respect with all accessories including all connecting cords and cables.	1	Nos.	65000 -	65000 -
2	Providing, installing and connecting of Client Specified fixed indoor Wall-barcket mounted CCTV cameras including mounting bracket and power supply/ adapter. Complete in all respect with all accessories.	11	Nos.	10000 -	110000 -
3	Installing and connecting of Client Specified CCTV Monitor.	1	Nos.	40000 -	40000 -
4	Video Cable Wiring of CCTV system with RG-6 coaxial cable in 25mm dia PVC conduit or any other vendor specified cable in respective conduits, complete in all respects with all accessories.	656	Meter	200 -	131200 -



 P-120/

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT(Rs)
5	Providing and wiring of 10 Amps, switch socket outlet of CCTV Camera with 2-1.5mm ² PVC insulated 450/750 volts grade copper conductor cable + 1-1.5mm ² bare copper conductor as E.C.C in 20mm dia rigid PVC conduit concealed in RCC or masonry as required from the nearest switch board to the socket outlet.	11	Nos.	500-	5500-
Total Amount of SECTION-12 Non Schedule Items in Rs.					351700/-

Amount carried over to summary at serial no - 12, Page- no:105




 APPROVED BY
 Chief Engineer
 Electrical



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A/C WORKS OF GYMNASIUM MUET, JAMSHORO

Section-13: A/C Equipment & Installation (Non-Scheduled Items)					
S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	Amount In/Rs.
1	Supply and installation of Owner specified Air-cooled mini-split type Air conditioning units complete with controls and accessories and foundations for outdoor units. Complete with Refrigerant piping, valves, fittings, Refrigerant charge and oil charge				
	a) Capacity 1.0 T.R	4	Nos.	5000 -	20000 -
	b) Capacity 1.5 T.R	6	Nos.	8500 -	51000 -
	c) Capacity 2.0 T.R	1	Nos.	9500 -	9500 -
	(Recommended AC Brands are General & Panasonic)				
2	UPVC piping class D for equipment drain system complete with fittings, Specialities & Accessories for units of item # 1.	11	Nos.	6500 -	71500 -
3	4 oz, weight coarse and 8 oz canvas cloth for pipe installation jacketing.	11	Nos.	6000 -	66000 -
4	formatted plastic pipe insulation for refrigerant piping complete with accessories.	11	Nos.	6000 -	66000 -
Total Amount of SECTION-13 Non Schedule Items in Rs.					1008500
Amount carried over to summary at serial no - 13, Page- no:105					




 PROJECT MANAGER
 General and Architectural
 Hyderabad



P-122

Section-14: Wiring for the supply of A/C units (Schedule Items)

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Providing laying and connecting of 2-6mm ² , Single Core, PVC 450/750 V grad cable in 25mm dia rigid PVC conduit in ground / floor / false ceiling as required.(Sr # 5 P-1) (Recommended Copper Cables of M/s Pakistan Cables/Allied Cables)	400	Meter	305	122,000.00
2	Providing and fixing of MCB's for A/C of following size in metal box (Sr # 203, P-31)				
	a) 20A, S.P, M.C.B (TB-5S)(Sr 203 P-31)	11	No.	916.00	10,076.00
i)	Amount of Schedule items in Rs.				132,076.00

I the Contractor _____

ii) Here by quote 15% premium above/ below on the schedule items. 19811-**Total Amount of SECTION-14 Schedule Items (i+ ii) in Rs.** 142267.00Amount carried over to summary at serial no - 14, Page- no:105 112264.60**Section-15: Wiring for the supply of A/C units (Non-Schedule Items)**

S. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Providing laying and connecting of 12 SWG bare conductor as ECC in 25mm dia rigid PVC conduit in ground / floor / false ceiling as required.	400	Meter	60-	24000-
2*	Providing and fixing of metal box with MCB, recessed in the wall or columns as required and covered with plastic sheet to house MCB's for A/C of following size.				
	a) 20A, S.P, M.C.B	11	No.	250-	2750-
Total Amount of SECTION-15 Non Schedule Items in Rs.					26750-
Amount carried over to summary at serial no - 15, Page- no:105					

PAKISTAN TELECOM NETWORK
Government of Sindh
Sindh, Pakistan



P-123/



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EXTERNAL ELECTRICAL WORKS OF GYMNASIUM MUET, JAMSHORO

Section-16: EXTERNAL ELECTRIFICATION (Scheduled Items)					
S.No	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Providing, installing and connecting of 3-phase, 415 volts, 50Hz, AC 2X5 HP Motors (Siemens make) Power supply. Complete with following switch gear component (For cost of motors & other non-Scheduled Items, see Section "A(b)")				
	a) MCCB TP 20A 5KA (Sr-205 P-31)	1	Nos	5,301.00	5,301.00
2	Providing, installing and connecting of 20Amps, 5KA Triple Pole (XS-30NS[NB], 500 volts, MCCB as Main Disconnect switch for Pump Motors on 18 SWG sheet steel surface mounted box, anti-rust treated and painted, (Sr # 205 P-31)	2	Nos.	5,301.00	10,602.00
3	For wiring of 5 HP motor with 4/core 6mmsq PVC/PVC copper wire in 1.5" dia PVC conduit recessed in the wall or as required. Complete in all respects with all accessories required. (Sr 40, P-6). (For ECC detail, see Item 3 of Section "A(b)) Ext Electrification.	192	Meter	613.00	117,696.00
i) Amount of Schedule items in Rs.					133,599.00
I the Contractor _____					
ii) Here by quote <u>15%</u> premium above/below on the schedule items. 2003985/- 20039/-					
Total Amount of SECTION-16 Schedule Items (i+ ii) in Rs.					113559/-
Amount carried over to summary at serial no - 16, Page- no:105					

Section-17: EXTERNAL ELECTRIFICATION (Non Schedule Items):

S.No	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Providing, installing and connecting of 3-phase, 415 volts, 50Hz, AC 2X5 HP Motors (Recommended Siemens make) (For cost of Scheduled Items, see Section "A(a)" of Ext. Elect.				
	a) Auxiliary Switch 1C (Make Terasaki ForXe100CB)	2	No.	50000 -	100000 -
	b) Indication Lights On/Off (Lovato 8LP2T1LM)	2	No.	3000 -	6000 -
2	For power supply, providing installing & connecting following switch gear components	4	No	400 -	1600 -
	1-Magnetic Contactor TP 12A@AC3, (1a+1b) TC-12b Terasaki Korla				
	1- Thermal Over Load Relay 6-9A TK-32a Terasaki Korla				

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RAJESH K. SINGH
 General Manager
 Hyderabad

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P-124/1

1- Hands -OFF- Auto Switch (HOA) CA-10 Make K&N ,NZ 1-ON+1-OFF Push Buttons Model A25PF10G/A25PF01 or Make Maruyasu (japan) with labels and indication lights ON/OFF Model B8LP2T1LM make Lovato (Italy) 3-Indication lights ON/OFF Model B8LP2T1LM make Lovato (Italy) 3- Control fuse with base 2/32A Model T-0+ PM-F ,Make DF (Spain)	2	Nos.	15000-	30000-
Providing & laying of 12 SWG bare copper wire as ECC in 1.5" dia PVC conduit recessed in the wall or as required. Complete in all respects with all accessories required (For wiring of 2X5 HP 3-ph motors, see Sr. # of Section "A(a) of Ext Electr:) Providing, installing and connecting of auxiliary switch 1C Model suitable for CB as at Sr # 2 above (XE100CB Terasaki - Malasia) Providing, installing and connecting of Indicaton Lights Model 8LP2T1LM Make Lovato- Italy.	192	Meter	70-	13440-
	2	Nos.	3000-	6000-
	4	Nos.	400-	1600-
Total of SECTION-17 Non Schedule Items Rs.				158640/-

Amount carried over to summary at serial no - 17, Page- no:105

Section-18: DISTRIBUTION BOARDS (Scheduled Items)

ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
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 c MDB- (MAIN DISTRIBUTION BOARD) (For Cost, see Section "B(b)" Incoming 1- 400 Amp, Triple Pole (TP), 25 KA, Moulded Case Circuit Breaker (MCCB) (Sr # 210 P-31) (For Non-Scheduled Items, see Section "B(b)" OUTGOING: 03-60 A, 25 KA,T.P, M.C.C.B (Sr # 206,P-31) 01-40 A, 25 KA, T.P, M.C.C.B (Sr # 206,P-31) 03-20 A, T.P, M.C.C.B (Sr # 205,P-31)	1	No.	39,401.00	39,401.00
	1	No.	37,987.00	37,987.00
Amount of Schedule items in Rs.				77,388.00

I the Contractor

Here by quote 15% premium above/below on the schedule items.

Total Amount of SECTION-18 Schedule Items (i+ ii) in Rs.

Amount carried over to summary at serial no - 18, Page- no:105

11608 -
65779/-
65779.80/-

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P-1251

Section-19: DISTRIBUTION BOARDS (Non-Scheduled Items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL 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 c				
1.1	MDB- (MAIN DISTRIBUTION BOARD)	1	No.	110000 -	110000 -
1.2	Incoming				
	1- Auxilury switch 1C (Terasaki-japan)				
	1- Under and over voltage relay Model E44N, Make Emirel- Italy				
	3- Current transformers 400/5A, Model TAR3D, Make Revolko Italy				
	1- Ammeter anlalouge 0-300A Model ER196 Make Revalko- Italy				
	1-Ammeter selector switch 4 steps Model Pk 9009E Make K&N- NZ	1	No.	35000 -	35000 -
	2- ON/OFF Indication Lights Model 8LP2T1LM, Make Lovato Italy.				
	3- Phase Indication Lights 220v , Model 8LP2T1LM Make Lovato Italy				
	3- Control fuse with base 2/32A Model T-0+ PM-F Make DF-Spain				
	1-kWh Meter				
Total Amount of SECTION-19 Non Schedule Items in Rs.					145000

Amount carried over to summary at serial no - 19, Page- no:105

Section-20: MAIN FEEDERS & CABLES (Scheduled Items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Providing, laying & connecting of 120 mmsq, 4 Core, PVC/SWA/PVC from Substation-6 to MDB panel laid in ground in RCC pipe including digging of earth and making of CC Manholes with covers at required distance for pulling of calbes job also involves refilling of Earth and providing cable markers for route of LT cable as per specifications.(S# 108 P# 13) (Length of cable=2X290 meters)	290	Meter	8,175.00	2,370,750.00
Total Amount of Schedule Items in Rs.					2,370,750.00

- i) I the Contractor
- ii) Here by quote 5% premium above/below on the schedule items.

Total Amount of SECTION-20 Schedule Items (i+ ii) in Rs.

Amount carried over to summary at serial no - 20, Page- no:105

Section-21: Alteration in SS-6 (Scheduled Items)

S.No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	Replacement of existing 100A MCCB in LT Panel of existing SS-6 with 400A MCCB of 25 KA short circuit rating & setting 250-400 Amps (XS-400CJ).(Sr # 210 P-31)	1	Job	39,401.00	39,401.00
Amount of Schedule items in Rs.					39,401.00

- i) I the Contractor
- ii) Here by quote 15% premium above/below on the schedule items.

Total Amount of SECTION-21 Schedule Items (i+ ii) in Rs.

Amount carried over to summary at serial no - 21, Page- no:105

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