



**SINDH  
MADRESSATUL ISLAM  
UNIVERSITY KARACHI**  
CHARTERED BY GOVERNMENT OF SINDH :RECOGNIZED BY HEC.

## **BILL OF QUANTITIES OF ELECTRICAL WORKS OF MAIN BUILDING AT SMIU**

**ENGINEERING &  
SERVICES  
DEPARTMENT**

**SINDH MADRESSATUL ISLAM  
UNIVERSITY.**

Address: Aiwan-e-Tijarat Road, Shakra-e-  
Liaquat, Karachi-74000, Pakistan.

Phone: +92 21 99217501-02-03

FAX: 021-99217504



# BILL OF QUANTITIES

Date; 09-01-2014

#	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b>ELECTRICAL WORKS OF MAIN BUILDING SMIU.</b>				
1	<b>MAIN CABLE:</b> Providing & laying in good quality of PVC Pipe/Channel duct 60×40mm Adamjee or Equivalent, and approved quality Pakistan cable or Equivalent, PVC/PVC Insulated 35sqmm×4core, standard, plus 1×16sqmm, from Main LT Panel to Sub DBs, termination, testing & commissioning of the cable. As approved by engineer.	190 E.cable 335 ft	Rft		
2	<b>MAIN CABLE:</b> Providing & laying in good quality of PVC Pipe/Channel duct 60×40mm Adamjee or Equivalent, and approved quality Pakistan cable or Equivalent, PVC/PVC Insulated 35sqmm×4core, standard, plus 1×16sqmm, from Main LT Panel to Sub DBs, termination, testing & commissioning of the cable. As approved by engineer.	340	Rft		
3	<b>MAIN CABLE:</b> Providing & laying in good quality appropriate size of PVC Pipe/Channel duct 60×40mm Adamjee or Equivalent, and approved quality Pakistan cable or Equivalent, PVC/PVC Insulated 35sqmm×4core, standard, plus 1×16sqmm, from Main LT Panel to Sub DBs, termination, testing & commissioning of the cable. As approved by engineer.	380	Rft		
4	<b>MAIN CABLE:</b> Providing & laying in good quality of PVC Pipe/Channel duct 60×40mm Adamjee or Equivalent, and approved quality Pakistan cable or Equivalent, PVC/PVC Insulated 35sqmm×4core, standard, plus 1×16sqmm, from Main LT Panel to Sub DBs, termination, testing & commissioning of the cable. As approved by engineer.	340	Rft		
5	<b>SUB MAIN CABLE:</b> Providing & laying in good quality appropriate size of PVC Pipe/Channel duct Adamjee or Equivalent, and approved quality Pakistan cable or Equivalent, PVC Insulated 2× 16sqmm S/C, standard, plus 1×6sqmm, from Sub DB to Room DBs, termination, testing & commissioning of the cable. As approved by engineer.	900	Rft		

6	<p><b><u>SUB MAIN DISTRIBUTION BOARD:</u></b> Providing and installation , testing, commissioning and cable termination of the following distribution board made of MS sheet 16Gauge powder coated, double door, surface/ concealed, Panel size 30''×20''×6'', complete in all respect, As approved by engineer.</p> <p><b><u>INCOMING:</u></b> 1×100Amp. TP MCCB Terasaki Japan or Equivalent, 15K with phase indication Lights (R, Y, B).</p> <p><b><u>OUTGOING:</u></b> 06×10Amp. S/P MCB Hager France or Equivalent. 06×16Amp. S/P MCB Hager France or Equivalent. 15×40Amp. S/P MCB Hager France or Equivalent.</p>	04	Nos.		
7	<p><b><u>ROOM DBs:</u></b> Providing and installation , testing, commissioning and cable termination of the following distribution board made of MS sheet 16Gauge powder coated, double door, surface/ concealed, Panel size 15''×12''×6'', complete in all respect, As approved by engineer.</p> <p><b><u>INCOMING:</u></b> 1× 40Amp. 2Pole MCB Hager France or Equivalent.</p> <p><b><u>OUTGOING:</u></b> 06×10Amp. S/P MCB Hager France or Equivalent. 03×20Amp. S/P MCB Hager France or Equivalent.</p>	10	Nos.		
8	Perform Electrical power Load Balancing of all already installed Electrical Panels/DBs. As per instruction Engineering Incharge.	01	Job		
9	Dismantling already installed cable/wiring and reinstalled wiring in good quality appropriate size of PVC Pipe/Channel duct Adamjee or Equivalent.	10	Nos.		
10	Providing & installation of Automatic Battery Charger for 100KVA DG, in appropriate size of panel box, Panel box made MS sheet 16gauge powder coated, input supply 220VAC, 5Amp. Output 12VDC, 100AH, Testing, commissioning and cable termination. As approved by Engineer.	01	Job		
11	Providing and laying of wiring for Automatic Battery Charger, 2×7/0.036, plus 1×2.5sqmm S/C PVC insulated wire Pakistan cables or Equivalent, appropriate size of good quality PVC Pipe/Channel duct Adamjee or equivalent, surface/concealed in ceiling, wall/ floors complete all respect with on/off switch/circuit breaker, from Distribution Board room to battery charger with all general Electrification works. As approved by engineer.	01	Job		

12	<p><b><u>ATS PANEL:</u></b> Providing and installation , testing, commissioning and cable termination of the 3-Phase, ATS panel, made of MS sheet 16Gauge powder coated, Emergency light, Exhaust fan, Analog Volt &amp; Amp. Meters with selector switches, complete in all respect, provide Power and control circuit diagram, Auto/manual selector switch, Magnetic Contactors Telemecanique or Equivalent, Circuit Breakers MCCB Terasaki Japan or Equivalent, Internal power wiring(95mm) &amp; control wiring (1.5mm) Pakistan cable or Equivalent, Panel Standard indoor floor mounted with stand, Electronic card type. Panel size 1700×900×500mm, As approved by engineer.</p> <p><b><u>INCOMING DIESEL GENSET 100KVA.</u></b> Circuit Breaker MCCB, 200Amp. 25KA Magnetic Contactor, 90KW, 440v</p> <p><b><u>INCOMING KESC 300 KVA.</u></b> Circuit Breaker MCCB Adjustable, 400Amp. 25KA Magnetic Contactor, 190KW, 440v.</p> <p><b><u>OUTPUT.</u></b> Copper Bus Bar tin coated 99.99% purity, 600×50×5mm</p>	01	Job		

(Rupees \_\_\_\_\_)

Tender opened by:

**Chairman Tender Committee**  
Sindh Madressatul Islam University Karachi.

Signature of Contractor with seal \_\_\_\_\_

Name (Contact Person): \_\_\_\_\_

Address: \_\_\_\_\_

Ph: \_\_\_\_\_ Cell: \_\_\_\_\_

Dated: \_\_\_\_\_



SINDH MADRESSATUL ISLAM (SMI) UNIVERSITY  
Aiwan-e-Tijarat Road, Karachi

**TENDER - 2014**  
Tender document for

**ELECTRICAL WORK OF MAIN BUILDING AT SMIU**

**ENGINEERING & SERVICES DEPARTMENT**

SINDH MADRESSATUL ISLAM UNIVERSITY

Aiwan-e-Tijarat Road, Shahr-e-Liaquat,  
Karachi-74000, Pakistan

Tel : 021-99217501-02-03 Fax : 021-99217504

## FORM OF BID

(LETTER OF OFFER)

Bid Reference No. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Name of Works)

To: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Gentlemen,

1. Having examined the Bidding Documents including Bidding Data, terms & Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named Works, we, the undersigned, being a company doing business under the name \_\_\_\_\_ of \_\_\_\_\_ and address \_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such Works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5. We agree to abide by this Bid for the period of \_\_\_\_\_ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.
8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of \_\_\_\_\_

(Name of Bidder in Block Capitals)

(Seal)

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Witness:

(Signature) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_



# SINDH MADRESSATUL ISLAM UNIVERSITY

Aiwan-e-Tijarat Road, Karachi (Pakistan)

Phones: (92-21) 99217501-02-03

Website: <http://www.smiu.edu.pk/>, email: [info@smiu.edu.pk](mailto:info@smiu.edu.pk)

## The standard forms of bidding documents

## TERMS AND CONDITIONS FOR THE ELIGIBILITY

### ELECTRICAL WORK OF MAIN BUILDING AT SMIU

- 1 Price to be quoted on **Pak Rupee on free home delivery (F.O.R.)** basis for all items including all expenses, taxes, documentation etc.
- 2 Documentary evidence of works executed/work in-progress and certificate of satisfactory completion of works in Govt. Department or any organization.
- 3 Certificate of Bank and Bank statement of the A/c No.
- 4 Registration with Income Tax Department (NTN certificates), Sindh Board of Revenue and copy of CNIC of the contractor.
- 5 Affidavit to the effect that contractor is not black listed.
- 6 The Contractor/Supply should be made in the shortest possible time as per requirement of the University.
- 7 An agreement shall be made on stamp paper between the contractor/supplier and **Sindh Madressatul Islam (SMI) University, Karachi** prior to placing supply / work order.
- 8 Advance payment will not be allowed.
- 9 Payment shall be made by crossed cheque upon submission of bill in duplicate and on verification of the quality & satisfactory report of the **Electrical Engineer & Executive Engineer**, concerned / Purchase & Procurement Committee expert representative of the purchase & Procurement Committee and on completion of all formalities.
- 10 The Supplier / Contractor shall be bound to rectify the defect of the all supplied Items **up to 12 months** from the date of payment of final bill failing which the earnest money shall become liable to be forfeited.
- 11 The University authorities reserve the right to fully or partially, change / forgo the requirement of any item / work and / or amend the specifications & quantity at any stage before award of the contract.
- 12 The University may reject any or all bids subject to the relevant provisions in **SPPRA Rules 2010**.
- 13 **10% Performance Security** will be submitted by the Contractor/supplier at the time of Agreement in the shape of Pay order, schedule bank guarantee, or it may be deducted from bill for payment. The amount will be released after 06 months (Defect liability period), on the issuance of defect liability certificate by Engineering and Architecture department or the concerned department.
- 14 All those contractors/firm are eligible to apply who has prior work experience of related nature of job.



- 15 The earnest money at the rate of **2%** in the shape of Pay order/demand draft in the favor of **Sindh Madressatul Islam University** from any scheduled bank should be attached with the tenders. In case earnest money not accompanied with tender will be not entertained.
- 16 Bids must be offered on the prescribed tender form issued by **Executive Engineer (Civil) Sindh Madressatul Islam University Karachi**.
- 17 In case of any holiday or any disturbance the tender will be opened on next working day as per schedule.
- 18 Quantity shown in the tender are approximate and no claim shall be entertained for quantity of work executed being **15%** more or less than those entered in the tender or estimate.
- 19 No compensation shall be allowed for any delay in execution of the work.
- 20 All work executed under the control & shall be executed under the directions of **Electrical Engineer & Executive Engineer of Sindh Madressatul Islam University Karachi**.
- 21 Supplier/Contractor is responsible to pay the **GST** as levied in accordance with the government General Sales.
- 22 Income tax will be deducted at the source.
- 23 Site visit observe timing from 10:00 am to 01:00 pm.
- 24 The tender awarded party shall ensure to submit the original invoice and delivery challan in favor of the Sindh Madressatul Islam University at the time of supply of materials.
- 25 The tender lowest quote shall be informed accordingly in written and the party shall also be asked to supply/the material in the specified time period which shall be mentioned in the letter or otherwise if the party fail to complete the any clause of term & condition the tender shall be rejected and the second lowest quote shall awarded said tender.
- 26 The tender awarded party shall also observed the instruction mention in the tender documents and supply the material genuine, original made of country, under standard/sub-standard material shall not be accepted at any cost.
- 27 Testing of cable copper purity/verification of any other test performed by the independent party, the contractor/tender awarded party will be responsible of all expensive.

**Executive Engineer (Civil)**  
SMIU, Karachi



# SINDH MADRESSATUL ISLAM (SMI) UNIVERSITY

## AIWAN-E-TIJARAT ROAD, KARACHI

SMIU/E&S/2014/TENDER

09 January, 2014

### TENDER DOCUMENTS

**Sealed tenders will be opened on 25 January 2014:  
ELECTRICAL WORK OF MAIN BUILDING AT SMIU**

#### **As per details contained in the Separate Tender Documents for job**

1. Sealed Tenders are to be submitted in duplicate by reputed firms/contractors registered with P.E.C, Licence of Electrical Contractor, and Sindh board of revenue, Sales Tax Department on the prescribed tender form and in accordance with the specification and terms & conditions laid down in the tender document.
2. The tender documents can be obtained from the office of the **Executive Engineer (Civil) Sindh Madressatul Islam University** against a written request on deposition of tender fees **Rs. 500/=** in the form of Pay Order / Demand Draft in the favor **of Sindh Madressatul Islam University on any working day** from the office of the Executive Engineer civil by submitting an application on company's letterhead along with tender fee and complete profile of firm from 09 January 2014 to 24 January 2014.
3. The tender duly completed and addressed to the **Chairman Tender Committee SMIU, Karachi** be dropped in the Tender Box placed in the **office SMIU, Karachi, on 25/01/ 2014 up to 1300 hours, which shall be opened on the same day at 14:00 Hours in presence of the bidders who may wish to be presented.** In case of any unforeseen circumstances the Tender will be opened on the next day at the same time and place.
4. The University reserves the rights to accept or reject any or all tenders, divided business amongst more than one bidder and extend the opening date assigning reason thereof will communicate the ground for rejection of bid/bids/tender on written request of bidder who submitted bid as per **PPRA / SPPRA Rules 2010.**
5. Tender be purchased and submitted as per specification mentioned in the Tender Documents.

**Executive Engineer (Civil)**