

STANDARD FORM OF BIDDING DOCUMENT FOR PROCUREMENT OF WORKS

TENDER/2020-21/02

**TENDER DOCUMENT FOR CONSTRUCTION OF ELECTRIC SUB-STATION (45'x20')
AT SMIU MAIN CAMPUS, KARACHI**

Name of Department	Directorate of Works and Services
Name of procuring agency	SINDH MADRESSATUL ISLAM UNIVERSITY Aiwan-e-Tijarat Road, Shakra-e-Liaquat, Karachi-74000, Pakistan Tel : 021-99217501-02-03 Fax : 021- 99217504 Website: www.smiu.edu.pk

TENDER DOCUMENT ISSUED TO:

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NO. SMIU/TEND/2020/02

Dated: 3rd July, 2020

NOTICE INVITING TENDER

Sealed bids on item rate basis on the standard bidding documents are invited from interested contractors/firms having at least 3 years' relevant experience for the work mentioned below. The interested firms shall submit their tender based on single stage – one envelope procedure as per Rules No 46 (1) of SPPRA-Rules 2010 (Amended-up to date).

Sr.No	Name of Work	Bid Security	Tender Fee	Time for Completion
1.	CONSTRUCTION OF ELECTRIC SUB-STATION AT SMIU MAIN CAMPUS, KARACHI	2% of Bid Price	Rs. 2,000/-	3 Months

Terms & Conditions:

- 1- Interested firms/Contractors having Govt: Electric License can obtain Tender Documents from the office of Director (Works & Services), Sindh Madressatul Islam University, Karachi by furnishing a written request on company letter head with Proprietor's CNIC copy or authorized nominee duly appended with a Pay Order/Demand Draft as Tender Fee (non-refundable) amounting to Rs. 2,000/- in favour of Sindh Madressatul Islam University on any working day during office hours from **Wednesday 08th July, 2020** to **Thursday 23rd July, 2020** and can be download from SPPRA website: <https://ppms.pprasindh.gov.pk/> and SMI- University website: www.smiu.edu.pk
- 2- The filled sealed tender documents will be received back on **Friday 24th July, 2020 by 11:00 am** and will be opened by the Procurement Committee in the presence of the bidders or their authorized representatives who wish to be present on same day at **11:30 am at the Directorate of Works and Services, first floor Sardar House Sindh Madressatul Islam University, Karachi.**
- 3- **Eligibility Criteria:**
 - a. Valid registration with Pakistan Engineering Council (PEC) category C-6 or above in the relevant field of specialization of work in CE10, EE04, EE06 & EE11.
 - b. Registration for income tax (NTN certificate) with active status in Federal Board of Revenue.
 - c. Registration with the Sindh Revenue Board (SRB).
 - d. Similar nature works/projects successfully completed with cumulative cost not less than Rs. 25 million with work orders and completion certificate issued by respective Clients.
 - e. The interested bidders must have turnover of at least Rs 30 million for last three years.
 - f. Bio Data of Engineering and Technical Staff working with the firm along with attested CVs.
 - g. Documentary evidence of work executed/works in progress and certificate of satisfactory completion of works by the employers during at least last three years. List of works should indicate cost of each work and copy of letter of award of work.
 - h. An affidavit certificate that the bidder firm has never been black listed by Government/ Semi Government / Autonomous / Private Bodies and that the firm has not been involved in any litigation and arbitration with Government/ Semi Government / Autonomous / Private Bodies.
 - i. In case of joint ventures, conditions to be fulfilled by any firm.
 - j. Affidavit shall be submitted stating that all documents/ particulars/ information/data furnished with the bid proposal are true and correct.

- 4- Bid Validity Period: 90 days
- 5- Earnest Money at the rate of **2% of bid price** should be submitted along with Bid Proposal in shape of Call Deposit/Pay order/Demand Draft/Bank Guarantee issued by any scheduled bank of Pakistan in favour of Sindh Madressatul Islam University Karachi.
- 6- Partial/Conditional/Incomplete bid proposals and/or bid proposals **without earnest money** shall not be considered.
- 7- Bids must be offered on the prescribed bidding documents issued by Sindh Madressatul Islam University or downloaded from SPPRA/SMIU website.
- 8- If interested firms/bidders download the tender documents from SPPRA or SMIU website, they will have to submit tender fee in the form of a Pay Order / Demand Draft (non-refundable) amounting to Rs. 2,000/- in favour of Sindh Madressatul Islam University along with the bid proposal.
- 9- Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of SPPRA Rules-2010 amended (up to date).
- 10- In case any unforeseen situation resulting in closure of office on the date of opening or if Government declares Holiday, the tender shall be submitted/opened on the next working day at the same time and venue.

Director (Works & Services)

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INSTRUCTIONS TO BIDDERS

(Note: *(These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed).*)

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- (a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of Works.
- b) duly pre-qualified/enlisted with the Employer.

IB.3 Cost of Bidding

3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Procuring Agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.

1. Instructions to Bidders & Bidding Data
2. Form of Bid, Qualification Information & Schedules to Bid
Schedules to Bid comprise the following:
 - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be performed by Subcontractors
 - (iv) Schedule D: Proposed Programme of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact

3. Conditions of Contract & Contract Data
4. Standard Forms:
 - (i) Form of Bid Security
 - (ii) Form of Performance Security
 - (iii) Form of Contract Agreement
 - (iv) Form of Bank Guarantee for Advance Payment
5. Specifications
6. Drawings, if any

IB.5 Clarification of Bidding Documents

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Procuring Agency at the Engineer 's/ Procuring Agency 's address indicated in the Bidding Data.
- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification of contents of bidding documents in writing and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

IB.6 Amendment of Bidding Documents (SPP Rules 22(2) & 22).

- 6.1 At any time prior to the deadline for submission of Bids, the Procuring Agency may, for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Procuring Agency.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency may at its discretion extend the deadline for submission of Bids.

C. PREPARATION OF BIDS

IB.7 Language of Bid

- 7.1 All documents relating to the Bid shall be in the English language or as specified in the Contract/Bid Data.

IB.8 Documents Comprising the Bid

8.1 The Bid submitted by the bidder shall comprise the following:

- (a) Offer /Covering Letter
- (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
- (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with instructions contained therein & in accordance with IB.14.3.
- (d) Bid Security furnished in accordance with IB.13.
- (e) Power of Attorney in accordance with IB 14.5.
- (f) Documentary evidence in accordance with Clause IB.11
- (g) Documentary evidence in accordance with Clause IB.12.

IB.9 Sufficiency of Bid

9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium on the rates of CSR / rates and prices quoted/entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.

9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Works.

IB.10 Bid Prices, Currency of Bid and Payment

10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.

10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder 's performance of the Contract and not subject to variation on any account.

10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.

10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

11.1 Pursuant to Clause IB.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

IB.12 Documents Establishing Works' Conformity to Bidding Documents

12.1 The documentary evidence of the Works 'conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.

12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, if any, designated by the Procuring Agency in the Technical Provisions are intended to be descriptive only and not restrictive.

IB.13 Bid Security

13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Pay Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Procuring Agency valid for a period up to twenty-eight (28) days beyond the bid validity date.

13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.

13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.

13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).

13.5 The Bid Security may be forfeited:

- (a) if a bidder withdraws his bid during the period of bid validity; or
- (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
- (c) in the case of a successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security or
 - (ii) sign the Contract Agreement.

IB.14 Validity of Bids, Format, Signing and Submission of Bid

14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.

- 14.2 In exceptional circumstances, Procuring Agency may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.
- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them -ORIGINAL and -COPY as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorizing the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

D. SUBMISSION OF BID

IB.15 Deadline for Submission, Modification & Withdrawal of Bids

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
 - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.

- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to IB.13.5 (a).

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

- 16.1 The Procuring Agency will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.
- 16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the bid opening. The Procuring Agency will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.

- 16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).
- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.
- (b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price

entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.

16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency, provided such waiver does not prejudice or affect the relative ranking of any other bidders.

(A). Major (material) Deviations include: -

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one:
 - (a) which affect in any substantial way the scope, quality or performance of the works;
 - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

(B) Minor Deviations

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

16.7 The Engineer/Procuring Agency will evaluate and compare only the bids previously determined to be substantially responsive pursuant to IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Bid Price pursuant to IB.16.8 herein below.

Technical Evaluation: It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be

compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Procuring Agency will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.
- (ii) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) excluding **provisional sums** and the provisions for **contingencies** in the Bill of Quantities **if any**, but including **Day work**, where priced competitively.

IB.17 Process to be Confidential

17.1 Subject to IB.16.3 heretofore, no bidder shall contact Engineer/Procuring Agency on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Procuring Agency. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.

17.2 Any effort by a bidder to influence Engineer/Procuring Agency in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.

F. AWARD OF CONTRACT

IB.18. Post Qualification

18.1 The Procuring Agency, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided, that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.

18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders' qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

IB.19 Award Criteria & Procuring Agency's Right

19.1 Subject to IB.19.2, the Procuring Agency will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactorily perform the Contract in accordance with the provisions of the IB.18.

19.2 Notwithstanding IB.19.1, the Procuring Agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Procuring Agency's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

IB.20 Notification of Award & Signing of Contract Agreement

20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Agency, the Procuring Agency will notify the successful bidder in writing ("**Letter of Acceptance**") that his bid has been accepted (SPP Rule 49).

20.2 Within seven (7) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Agency will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.

20.3 The formal Agreement between the Procuring Agency and the successful bidder duly stamped at rate of **0.35% of bid price** (updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Agency.

IB.21 Performance Security

- 21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract/Bid Data Sheet within a period of fourteen (14) days after the receipt of Letter of Acceptance.
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.22 Integrity Pact

- 22.1 The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all procurement contracts. Failure to provide such Integrity Pact shall make the bid non-responsive.

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

1.1 Name of Procuring Agency

SINDH MADRESSATUL ISLAM UNIVERSITY

Brief Description of Works

**CONSTRUCTION OF ELECTRIC SUB-STATION AT SMIU MAIN CAMPUS,
KARACHI**

5.1 (a) Procuring Agency's address:

SMI University Near HBL Plaza Aiwan e Tijarat Road, Karachi-74000, Pakistan
Phone 021-99217501-3, Fax. 021-99211274

(b) Engineer 's address: -

Directorate of Works and Services SMIU, Karachi

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and production capability necessary to perform the Contract as follows:

- i. Valid registration with Pakistan Engineering Council Category C-6 or above in the relevant field of specialization of work in CE10, EE04, EE06, EE11**
- ii. Registration for income tax (NTN certificate) with active status in FBR.**
- iii. Registration with the Sindh Revenue Board (SRB).**
- iv. Turnover of at least Rs. 30 million during last three years**
- v. Technical capacity (attached profile)**
- vi. Relevant work experience of at least 3 years**
- vii. Affidavit on stamp paper that the firm is not black listed**

12.1 (a) A detailed description of the Works, essential technical and performance characteristics.

- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security

2% of bid price should be submitted in shape of Call Deposit/Pay order/Demand Draft/Bank Guarantee issued by any scheduled bank of Pakistan in favor of Sindh Madressatul Islam University Karachi.

14.1 Period of Bid Validity

90 days from Date of Opening of financial/Technical bid (whichever is earlier)

14.4 Number of Copies of the Bid to be submitted:

One Original

14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission

**Directorate of Works and Services, first floor Sardar House
Sindh Madressatul Islam University, Karachi.**

15.1 Deadline for Submission of Bids

Time & Date: 24th July, 2020 by 11:00 a.m.

16.1 Venue, Time, and Date of Bid Opening

Venue: Directorate of Works and Services SMIU, Karachi

Time: 11:30 a.m.

Date: 24th July, 2020

16.4 Responsiveness of Bids

- (i) Bid is valid till required period

- * (ii) Bid prices are firm during currency of contract
- (iii) Completion period offered is within specified limits,
- (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
- (v) Bid does not deviate from basic technical requirements and
- (vi) Bids are generally in order, etc.

*Procuring agency has adopted this option of contract:

- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is within 12 months.

21.1 Performance Security

The amount of performance security, as a percentage of the Contract Price, shall be submitted within Seven (07) days from the date of Notification for award of contract/Letter of acceptance. The bidder should submit performance security @ **10% of bid price** in shape of pay order, call deposit or bank guarantee from any scheduled bank in Pakistan which shall be held and returned after maintenance period.

FORM OF BID
(LETTER OF OFFER)

Bid Reference No. _____

(Name of Works)

To:

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, 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 here to 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 favor 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: _____

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]

SCHEDULE – A TO BID

SCHEDULE OF PRICES

Sr. No

1. Preamble to Schedule of Prices.....

2. Schedule of Prices.....

*(a) Summary of Bid Prices

* (b) Detailed Schedule of Prices /Bill of Quantities (BOQ)

** [To be prepared by the Engineer/Procuring Agency]*

PREAMBLE TO SCHEDULE OF PRICES

1. General

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

2. Description

- 2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

3. Units & Abbreviations

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the System International d'Unites (SI Units).

(Note: The abbreviations to be used in the Schedule of Prices to be defined by the Procuring Agency).

4. Rates and Prices

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where

SCHEDULE - A TO BID

no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.
- *(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

**(Procuring Agency may modify as appropriate)*

- 4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

5. Bid Prices

- 5.1 **Break-up of Bid Prices**
The various elements of Bid Prices shall be quoted as detailed by the Procuring Agency in the format of Schedule of Prices.
The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.
- 5.2 **Total Bid Price**
The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums and Day work

- 6.1 **Provisional Sums included and so designated in the Schedule of Prices** if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Procuring Agency. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Procuring Agency to utilize such sums.
- 6.2 **Day work rates in the contractor's bid** are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.

SCHEDULE - A TO BID

NAME OF WORK: CONSTRUCTION OF ELECTRIC SUB-STATION (45'x20') AT SMIU CITY CAMPUS, KARACHI		
BILL OF QUANTITIES		
GRAND SUMMARY		
Sr.No	DESCRIPTION OF WORK	TOTAL AMOUNT RS.
A	CIVIL WORKS	
1	EARTH WORKS	
2	SUB STRUCTURE	
3	SUPER STRUCTURE	
4	ARCHITECTURAL FINISHING WORKS	
5	EXTERNAL WORKS	
	CIVIL WORKS TOTAL AMOUNT (Rs)	
B	ELECTRICAL WORKS	
	ELECTRICAL WORKS TOTAL AMOUNT (Rs)	
	GRAND TOTAL AMOUNT RS. (A+B)	

GRAND TOTAL AMOUNT (IN WORDS)

Signature of contractor & seal

Signature of Convener Tender Committee

A. CIVIL WORKS

Sr.No.	Item/ Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	EARTH WORKS				
	Schedule Items (CSR-2012)				
1	DISMANTLING PCC Dismantling cement concrete plain (1: 2: 4) complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 19c, Chap#2)	330.00	% Cft	3327.50	10,980.58
2	DISMANTLING RCC Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same etc, complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 20, Chap#2)	208.00	% Cft	5445	11,325.60
3	EXCAVATION & BACKFILLING Excavation in foundation of Building Bridges and other structures including dagbelling dressing, refilling around structure with suitable excavated earth Watering and ramming lead upto 5 ft. etc, complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (b) In ordinary soil (Item No. 18b, Chap#1)	2115.00	% 0 Cft	3176.25	6,717.77
4	DEWATERING Dewatering or bailing or pumping out sub soil water during excavation concreting, cast in situ concrete or masonry work in foundation of building, complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 18(i+ii), Page#75)	2115.00	% Cft	543	11,484.46
5	EARTH FLLING FROM OUT SOURCES Filling watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5 feet etc. Laying earth in 6" layers leveling, dressing and watering for compaction etc, Complete in all respects including all lead and lift by following standard specification, drawing and entire satisfaction of the Engineer. (Item No. 22+13(b), Chap#1)	2940.00	% 0 Cft	3984	11,712.95
5a	Extra lead for cartage of earth from outside sources up to 6 miles	2940.00	% Cft	774.96	22,783.80

6	STONE SOLING Providing and laying dry rammed brick or stone ballast / soling 1-1/2" to 2" gauge from approved quarry including hand packing & filling voids with stone material, consolidating & compacting with power or hand roller,etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 2, Chap#3)	765.00	% Cft	3327.5	25,455.50
Subtotal					100,460.67
Add _____% Above/Below/at Par Premium on all items					
Earth Works Total Amount Rs.					

Sr.No.	Item/ Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
2	SUB STRUCTURE				
	Schedule Items (CSR-2012)				
1	PLAIN CEMENT CONCRETE Providing and laying cement concrete plain including placing compacting, finishing, leveling and curing complete (including screening and washing at stone aggregate without shuttering etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
1a	Ratio. 1:2 :4 (Item No. 5(f), Chap#4)	90.00	% Cft.	14429.25	12,986.05
1b	Ratio. 1:3 :6 (Item No. 5(h), Chap#4)	270.00	% Cft.	12595.00	34,006.94
1c	Ratio. 1:4 :8 (Item No. 5(i), Chap#4)	482.00	% Cft.	11288.75	54,411.76
2	WOODEN FORMWORKS/SHUTTERING Providing, fixing, erection and removal of centering for R.C.C or plain cement concrete works of partial wood (shuttering / formwork) of approved quality in horizontal surface etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. Form work for lean/situ concrete (Item No. 19b(i), Chap#4)	986.00	% Sft.	3588.48	35,382.56

3	<p>RCC CONCRETE Providing and laying Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.</p>				
a	R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
i	Ratio (1 : 2: 4) (Item No. 6a (I), Chap#4)	775.00	Cft	337	261,176.01
ii	Ratio 1:1 1/2 :3 (Item No. 6a (II), Chap#4)	26.00	Cft	349	9,072.60
b	Precast reinforced cement concrete in columns, beams lintels stair cases, shelves, etc. for Trench top cover with pulling arrangements				
i	Ratio 1 : 2: 4 (Item No. 6b (I), Chap#4)	66.00	Cft	337	22,243.05
4	<p>STEEL REINFORCEMENT Providing, laying, cutting and fabrication of tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. b) Using Tor Bars (Item No. 7(ii) b, Chap#4)</p>	44.00	Per Cwt	5001.70	220,051.34
5	<p>BITUMEN COATING Providing & applying industrial bitumen coating to plastered or cement concrete surface etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 9, Chap#11)</p>	2385.00	% Sft.	778.09	18,557.43

6	TERMITE TREATMENT Providing Anti -termite treatment by spraying /sprinkling /spreading Neptachlar 0.5% Emulsion or BIFLEX or equivalent as an overall pre -construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Note: Plinth Area will be measured one time for payment where is the number of applications will be three times on all horizontal & vertical surfaces of the excavation for termite proofing)(Item No. 92, Chap#18)	945.00	P.Sft	9.74	9,204.30
Subtotal					677,092.05
	Add _____% Above/Below/at Par Premium on all items except item No.4 Steel				
	Add _____% Above/Below/at Par Premium on item No.4 Steel				
Sub Structure Total Amount Rs.					

Sr.No.	Item/ Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
3	SUPER STRUCTURE				
	Schedule Items (CSR-2012)				
	RCC CONCRETE Providing and laying Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
a	R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
i	Ratio (1 : 2: 4) (Item No. 6a (I), Chap#4)	715.00	Cft	337	240,956.12
ii	Ratio 1:1-1/2 :3 (Item No. 6a (II), Chap#4)	85.00	Cft	349	29,665.00

2	STEEL REINFORCEMENT Providing, laying, cutting and fabrication of tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. b) Using Tor Bars (Item No. 7(ii) b, Chap#4)	48.00	Per Cwt	5001.70	240,061.43
Subtotal					510,682.55
	Add _____% Above/Below/at Par Premium on all items except item No.2 Steel				
	Add _____% Above/Below/at Par Premium on item No.2 Steel				
Super Structure Total Amount Rs.					

Sr.No.	Item/ Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
4	ARCHITECTURAL FINISHING ITEMS				
	Schedule Items (CSR-2012)				
1	D.P.C Providing and laying 2" thick DPC damp proof course with (cement sand and shingle concrete 1:2:4) over polyethylene sheet including 2 coats of asphaltic mixture with leveling, curing, finishing etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 28b, Chap#4)	90.00	% Sft	3913	3,521.70
2	BLOCK MASONRY Providing and laying 1:3:6 cement concrete solid block masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints & curing etc., complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 23, Chap#4)	1240.00	% Cft	14621.44	181,305.86
3	P.C.C FINISH FLOOR Providing and laying 2" (50 mm) thick topping cement concrete 1:2:4 floor including surface finishing, leveling and dividing into panels etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 16c, Chap#8)	850.00	% Sft.	3275.50	27,841.75

4	INTERNAL WALL PLASTER Providing and applying (1/2") thick cement plaster to internal walls etc. with cement mortar 1:4, complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (upto any height) (Item No. 11 (b), Chap#9)	2170.00	% Sft	2283.93	49,561.28
5	PAINT (INTERNAL WALL SURFACE) Preparing the surface and painting with plastic emulsion paint three coats of approved make I/c rubbing the surface with sand Paper, filling the voids/depression with chalk /plaster of paris/putty and then painting etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (upto any height) (Item No. 40, Chap#9)	2170.00	% Sft	2237.95	48,563.52
6	PLASTER (CEILING SURFACE) Providing and applying (1/2") thick cement plaster to internal ceiling etc. with cement mortar 1:6 complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (up to any height) (Item No. 13 (b), Chap#9)	1170.00	% Sft	2206.60	25,817.22
7	PAINT (CEILING SURFACE) Preparing the surface and painting with Distemper three coats of approved make, including a coat of primer over plastered surface I/c preparation of surface, filling depression with putty, rubbing, sand papering and cleaning etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (upto any height) (Item No. 23+24 (c), Chap#9)	1170.00	% Sft	1522.4	17,812.08
8	PLASTER (EXTERNAL SURFACE) Providing and applying (3/4") thick cement plaster to external walls etc with cement mortar 1:4, complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (upto any height) (Item No. 11 (c), Chap#9)	1720.00	% Sft	3015.76	51,871.07
9	PAINT (EXTERNAL SURFACE) Preparing the surface and painting with Weather Coat three coats of approved make I/c rubbing the surface with sand Paper, filling the voids/depressions with chalk / plaster of paris/putty and then painting etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (upto any height)(Item No. 38, Chap#11)	1720.00	% Sft	2567.95	44,168.74

10	IRON GRILL Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats of enamel paint of approved color with 1st coat of red oxide paint etc. Complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 30, Chap#17)	36.00	P.Sft.	194.16	6,989.76
11	KHAPRAIL Khaprail of cement concrete 12" x 8" x 1" of approved design/shape laid flat in 1:2 grey cement mortar over a bed of 3/4" thick grey cement mortar 1:2 (etc) complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Item No. 41, Chap#7)	1225.00	% Sft	8977.9	109,979.28
Subtotal					567,432.25
Add _____% Above/Below/at Par Premium on all items					
Schedule Items Total Amount Rs.					
	Non-Schedule Items				
1	ALUMINIUM VENTILATORS Providing, supplying and fixing in position good quality champagne color (or equivalent) anodized deluxe aluminum section/channel frames for sliding ventilators of Lucky, Alcop, Krudson or equivalent approved manufacturers including 5mm thick tinted glass (Ghani Glass or equivalent approved) & Aluminum fly screen including handless stoppers and locking arrangements etc complete in all respects and all works to be carried out as per satisfaction of Engineer. Note: Min: wall thickness for all sections shall be 2mm and width will be 100mm wide	36.00	P.Sft		

2	<p>MS LOUVER DOORS Providing, fabricating & fixing in position anti-theft type MS LOUVER Double Leaf Door with door frame of size 150mmx50mm having 14 swg (2mm) thickness. MS door sheet 40 mm wide along with 16 swg (1.5mm) thickness on either side, filled with Glass Wool of density 70kg/m³ to prevent heat. Louvers Profile 40mm wide Locally fabricated from 1.5mm Sheet including good quality hinges, handles and L-drop with locking arrangement and all other required fixing hardwares etc including one coat of red oxide paint and three coats of enamel paint of approved color & shades as per manufacturer's specification etc. complete in all respects as per drawing attached, standard, specifications and direction of the Engineer.</p>	216.00	P.Sft		
3	<p>STONE CLADDING (GIZRI / GADAP) Providing and fixing Stone Cladding with GADAP / GIZRI Stone of size 12"x 6"x 1" thick of approved color size, thickness with patterns over 1/2" thick base of cement mortar in 1:4 C.M., including cutting, jointing curing & grouting with properly finished surface complete in all respects as per standard specifications and entire satisfaction of the Engineer.</p>	315.00	P.Sft		
4	<p>DRIP COURSE Making drip course of size 1" width x 1/2" thick under R.C.C or chajja etc with cement mortar of 1:4 i/c all corners, scaffolding etc, complete in all respect as per standard specification, drawing and entire satisfaction of the engineer. (upto any height)</p>	150.00	P.Rft		
Sub-total Non-Schedule items					
Architectural Finishing Works Total Amount Rs.					

Sr.No.	Item/Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
5	EXTERNAL WOKRS				
	Non Schedule Items				
	CONDUITS AND PIPES				
1	Providing and laying 6" dia UPVC (Class-D) pipe (Dadex, Jeddah polymer, civic or equivalent) for Power Cables under floor/paved area buried in ground in 1'-6" (w) x 3'-0" (d) trench including excavation for laying of pipe and backfilling with clean sand (50mm under and 100mm above pipe) with proper compaction etc and re build the surface with same existing material i.e concrete, pavers. etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.	300	P. Mtr		
2	Construction of Manhole of size 2' x 2' x 3' made with 1:3:6 c.c solid 6" thick block masonry wall/under floor set in 1:6 cement mortar with application of 1/2" plaster, top surface covered with 2'x2' medium duty cast iron cover with pulling arrangement, 100% water proof, etc complete in all respects as per standard specification, and entire satisfaction of the Engineer In charge	12	Nos		
3	Supplying & installation of 1" UPVC local pipe (pak arab or approved equivalent) approx. 400ft long for water supply. Make Connection to existing external water supply line including with all accessories i.e. valves, pipe supports, fitting, cutting, bends, tees, jointed with solvent special adhesive etc. Laid in floors, Excavation and Backfill with same existing material i.e concrete, pavers. etc complete in all respects as per directions of Engineer.	1	Job		
4	Getting all necessary Approvals/ NOC's for Road Cutting (in order to cross HT UG cables from existing road and Naala to proposed substation) from concerned Authorities, inclusive of Official and unforeseen expenses as directed by concerned authority etc., is the responsibility of contractor	1	Job		
5	Removal of Existing Parking shed from site area and placing, re-fixing the same at other appropriate designated location in the University premises as per instructions and directions by the Engineer in charge.	1	Job		
External Works Total Amount Rs.					

B. ELECTRICAL WORKS

Sr.No.	Item/Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	ELECTRICAL WORKS				
	Schedule Items (CSR-2012)				
1	Providing & laying (MAIN or SUB MAIN) PVC insulated and PVC sheeted with 4 core copper conductor 600/1000 volts size 240mm ² . Page No13 item No 111, (Electrical Works)CSR-2012.	255.00	Per mtr	16294.00	4,154,970.00
2	Providing & laying (MAIN or SUB MAIN) PVC insulated and PVC sheeted with 4 core copper conductor 600/1000 volts size 70mm ² . Page No12 item No 106, (Electrical Works)CSR-2012.	60.00	Per mtr	4722.00	283,320.00
3	Providing & laying (Main or Sub Main) PVC insulated and PVC sheeted with single core cable copper conductor 300/500 volt size 2-3/0.29" Page No.06 item No 43	180.00	Per mtr	69.00	12,420.00
4	Wiring for PLUG point with 3/0.29 PVC insulated wire in 20mm (3/4)" chennal pati on surface as required. Item No.125, Page No 15. CSR 2012	5.00	Nos	669.00	3,345.00
5	Providing and fixing three pin 10/15Amp plug and socket. Item No 224 page No 33, CSR-2012	5.00	Nos	151.00	755.00
Subtotal					4,454,810.00
Add _____% Above/Below/at Par Premium on all items					
Schedule Items Total Amount Rs.					
	Non-Schedule Items				
1	EARTHING PIT Providing making earth pit, bore type 80ft deep, 10'x32mm (Dia), 99.99% pure copper rod, chemical filling earth testing point MS powder coated box size (16'x12" including tin coated copper bus bar 40x350mm, make earth pit chamber. providing and installing pvc earth cable Pakistan or equivalent from copper rod (earth bore) to testing point. As per instruction of Engr/KE	1.00	Job		

2	INDUSTRIAL EXHUAST FAN Providing, installing, testing, commissioning of industrial exhaust fan with timer switch. etc complete in all respect as per standard specifications, as per requirements of K.E & entire satisfaction of the Engineer Incharge.	3.00	Nos		
3	FIRE EXTINGUISHERS Providing, Supplying and Installation of ceiling mounted 6 Kg ABC Dry Powder Fire Extinguisher made of China/Taiwan or equivalent with automatic sprinkler head etc complete in all respect as per standard specifications and entire satisfaction of the Engineer.	6.00	Nos		
4	Providing, fixing and commissioning of 6 Gang Switch Plat with fan Dimmer. Complete in all respect	5.00	Nos		
5	Energy Saver LED Providing and installation of LED Lights 24W with holder E-27 Screw type Philips or equivalent. Complete in all respect	14.00	Nos		
6	Dismantle and refixing Sub-Distribution Board with 50mmsq cable testing commissioning complete with all respect. As per instruction of EI	2.00	Nos		
7	Distribution Panel Providing and installation, testing commissioning and cable connection of the following distribution panel made of MS sheet 16Gauge powder coated and main outgoing bus bar tin coated size 8000mm x50mmx15mm wall mounted. OUTGOING: 2x800Amp TP MCCB Terasaki japan or Equivalent	1.00	No		
8	Getting necessary Approval/NOC's/Test form for installation of Sub-station from concerned Authorities, inclusive official and unforeseen expenses etc is the responsibility of contractor.	1.00	Job		
Sub-total Non-Schedule Items					
Electrical Works Total Amount Rs.					

SCHEDULE - B TO BID

***SPECIFIC WORKS DATA**

(To be prepared and incorporated by the Procuring Agency)

*(Note: The Procuring Agency shall spell out the information & data required to be filled out by the bidder and to furnish complementary information).

SCHEDULE – C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS

The bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

Items of Works to be Sub-Contracted	Name and address of Sub-Contractors	Statement of similar works previously executed (attach evidence)
--	--	---

Note:

1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Competent Authority
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Agency's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

SCHEDULE – D TO BID

PROPOSED PROGRAMME OF WORKS

Bidder shall provide a programme in a bar-chart showing the sequence of work items by which he proposes to complete the Works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the Works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of Works to be supplied under the Contract.

SCHEDULE – E TO BID

METHOD OF PERFORMING WORKS

The bidder is required to submit a narrative outlining the method of performing the Works. The narrative should indicate in detail and include but not be limited to:

- The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of constructional and erectional plant, tools and vehicles proposed to be used in delivering/carrying out the Works at Site
- The procedure for installation of equipment and transportation of equipment and materials to the site.
- Organisation chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

SCHEDULE – F TO BID

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN
CONTRACTS**

Contract No. _____ Dated _____
Contract Value: _____
Contract Title: _____

..... [name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Procuring Agency:
Signature:

[Seal]

Name of Contractor:
Signature:

[Seal]

CONDITIONS OF CONTRACT

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CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1 Definitions

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

The Contract

- 1.1.1 “Contract” means the Contract Agreement and the other documents listed in the Contract Data.
- 1.1.2 “Specifications” means the document as listed in the Contract Data, including Employer’s requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.
- 1.1.3 “Drawings” means the Employer’s drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

- 1.1.4 “Employer” means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 “Contractor” means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Employer) any assignee.
- 1.1.6 “Party” means either the Employer or the Contractor.

Dates, Times and Periods

- 1.1.7 “Commencement Date” means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.
- 1.1.8 “Day” means a calendar day
- 1.1.9 “Time for Completion” means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

Money and Payments

- 1.1.10 “Cost” means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but does not include any allowance for profit.

Other Definitions

- 1.1.11 “Contractor’s Equipment” means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 “Country” means the Islamic Republic of Pakistan.
- 1.1.13 “Employer’s Risks” means those matters listed in Sub-Clause 6.1.
- 1.1.14 “Force Majeure” means an event or circumstance which makes performance of a Party’s obligations illegal or impracticable and which is beyond that Party’s reasonable control.
- 1.1.15 “Materials” means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 “Plant” means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 “Site” means the places provided by the Employer where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 “Variation” means a change which is instructed by the Engineer/Employer under Sub-Clause 10.1.
- 1.1.19 “Works” means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 “Engineer” means the person notified by the Employer to act as Engineer for the purpose of the Contract and named as such in Contract Data.

1.2 Interpretation

Words importing persons or parties shall include firms and organisations. Words importing singular or one gender shall include plural or the other gender where the context requires.

1.3 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 Law

The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

1.5 Communications

All Communications related to the Contract shall be in English language.

1.6 Statutory Obligations

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. THE EMPLOYER

2.1 Provision of Site

The Employer shall provide the Site and right of access thereto at the times stated in the Contract Data.

2.2 Permits etc.

The Employer shall, if requested by the Contractor, assist him in applying for permits, licences or approvals which are required for the Works.

2.3 Engineer's/Employer's Instructions

The Contractor shall comply with all instructions given by the Employer or the Engineer, if notified by the Employer, in respect of the Works including the suspension of all or part of the Works.

2.4 Approvals

No approval or consent or absence of comment by the Engineer/Employer shall affect the Contractor's obligations.

3. ENGINEER'S/EMPLOYER'S REPRESENTATIVES

3.1 Authorised Person

The Employer shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Employer shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

3.2 Engineer's/Employer's Representative

The name and address of Engineer's/Employer's Representative is given in Contract Data. However, the Contractor shall be notified by the Engineer/Employer, the delegated duties and authority before the Commencement of Works.

4. THE CONTRACTOR

4.1 **General Obligations**

The Contractor shall carry out the Works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required.

4.2 **Contractor's Representative**

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Employer for such appointment which consent shall not be unreasonable withheld by the Employer. Such authorized representative may be substituted/replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Employer as aforesaid.

4.3 **Subcontracting**

The Contractor shall not subcontract the whole of the Works. The Contractor shall not subcontract any part of the Works without the consent of the Employer.

4.4 **Performance Security**

The Contractor shall furnish to the Employer within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Bank Draft or Bank Guarantee or an insurance company having atleast AA rating from PACRA/JCR for the amount and validity specified in Contract Data.

5. **DESIGN BY CONTRACTOR**

5.1 **Contractor's Design**

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Employer all designs prepared by him. Within fourteen (14) days of receipt the Engineer/Employer shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The Contractor shall not construct any element of the Works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Employer or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

5.2 **Responsibility for Design**

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Employer shall be responsible for the Specifications and Drawings.

6. EMPLOYER'S RISKS

6.1 The Employer's Risks

The Employer's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Employer of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Employer's personnel or by others for whom the Employer is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and
- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Employer and accepted by the Employer.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

7.2 **Programme**

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Employer a programme for the Works in the form stated in the Contract Data.

7.3 **Extension of Time**

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Employer/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Employer/Engineer for a reasonable extension in the time for the completion of Works. Subject to the aforesaid, the Employer/Engineer shall determine such reasonable extension in the time for the completion of Works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Employer/Engineer within such period as may be prescribed by the Employer/Engineer for the same; and

the Employer shall extend the Time for Completion as determined.

7.4 **Late Completion**

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Employer for such failure shall be to pay the amount stated in the Contract Data for each day for which he fails to complete the Works.

8. **TAKING-OVER**

8.1 **Completion**

The Contractor may notify the Engineer/Employer when he considers that the Works are complete.

8.2 **Taking-Over Notice**

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Employer/Engineer shall either takeover the completed Works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the Works. While issuing the Certificate of Completion as aforesaid, the Employer/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenances Period.

9. **REMEDYING DEFECTS**

9.1 **Remedying Defects**

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Employer, repair and rectification work which is necessitated by the earlier execution of poor quality of

work or use of below specifications material in the execution of Works and which is so identified by the Employer/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Employer/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Employer to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

9.2 Uncovering and Testing

The Engineer/Employer may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, Materials, Plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

10. VARIATIONS AND CLAIMS

10.1 Right to Vary

The Employer/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Employer/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Employer/Engineer in writing and if the same are not refuted/denied by the Employer/Engineer within seven (7) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Employer considers appropriate, or
- e) if the Engineer/Employer so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

10.3 Early Warning

The Contractor shall notify the Engineer/Employer in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Employer being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

10.4. **Valuation of Claims**

If the Contractor incurs Cost as a result of any of the Employer's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any Employer's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Employer within fourteen (14) days of the occurrence of cause.

10.5 **Variation and Claim Procedure**

The Contractor shall submit to the Engineer/Employer an itemised make-up of the value of variations and claims within twenty-eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Employer shall check and if possible agree the value. In the absence of agreement, the Employer shall determine the value.

11. **CONTRACT PRICE AND PAYMENT**

11.1 (a) **Terms of Payments**

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, be paid by the Employer to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Employer and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60 days after such Final Payment Certificate has been jointly verified by Employer and Contractor; Provided that the Interim Payment shall be caused in 42 days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Employer to make payment within the times stated, the Employer shall pay to the Contractor compensation at the 28 days' rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid. The provisions of this Sub-Clause are without prejudice to the Contractor's entitlement.

(b) **Valuation of the Works**

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

11.2 **Monthly Statements**

The Contractor shall be entitled to be paid at monthly intervals:

- a) the value of the Works executed; and
- b) The percentage of the value of Materials and Plant reasonably delivered to the Site, as stated in the Contract Data, subject to any additions or deductions which may be due.

The Contractor shall submit each month to the Engineer/Employer a statement showing the amounts to which he considers himself entitled.

11.3 **Interim Payments**

Within a period not exceeding seven (7) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30) days from the said date of submission by the Contractor, the Employer shall pay to the Contractor the sum verified by the Engineer less retention money at the rate stated in the Contract Data.

11.4 **Retention**

Retention money shall be paid by the Employer to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

11.5 **Final Payment**

Within twenty one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Employer together with any documentation reasonably required to enable the Employer to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Employer shall pay to the Contractor any amount due to the Contractor. While making such payment the Employer may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

11.6 **Currency**

Payment shall be in the currency stated in the Contract Data.

12. **DEFAULT**

12.1 **Default by Contractor**

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Employer or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Employer may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Employer's notice, the Employer may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilise from the Site leaving behind any Contractor's Equipment which the Employer instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

12.2 **Default by Employer**

If the Employer fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Employer's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Employer's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilise from the Site.

12.3 **Insolvency**

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilise from the Site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Employer instructs in the notice is to be used for the completion of the Works.

12.4 **Payment upon Termination**

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Employer is entitled,
- c) if the Employer has terminated under Sub-Clause 12.1 or 12.3, the Employer shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilisation together with a sum equivalent to ten percent (10%) of the value of parts of the Works not executed at the date of termination.

The net balance due shall be paid or repaid within twenty eight (28) days of the notice of termination.

13. RISKS AND RESPONSIBILITIES

13.1 Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care of the Works from the Commencement Date until the date of the Employer's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Employer. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Employer's Risks, the Contractor shall indemnify the Employer, or his agents against all claims loss, damage and expense arising out of the Works.

13.2 Force Majeure

If Force Majeure occurs, the Contractor shall notify the Engineer/Employer immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Employer demobilise the Contractor's Equipment.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) the cost of his demobilization, and
- c) less any sums to which the Employer is entitled.

The net balance due shall be paid or repaid within thirty five (35) days of the notice of termination.

14. INSURANCE

14.1 Arrangements

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Employer's Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Employer.

The Contractor shall provide the Engineer/Employer with evidence that any required policy is in force and that the premiums have been paid.

14.2 **Default**

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Employer may, without prejudice to any other right or remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

15. **RESOLUTION OF DISPUTES**

15.1 **Engineer's Decision**

If a dispute of any kind whatsoever arises between the Employer and the Contractor in connection with the Works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty-eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Employer and the Contractor.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the Work with all due diligence, and the Contractor and the Employer shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

15.2 **Notice of Dissatisfaction**

If a Party is dissatisfied with the decision of the Engineer or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

15.3 **Arbitration**

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made thereunder and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

16 INTEGRITY PACT

- 16.1 If the Contractor, or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Employer shall be entitled to:
- (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
 - (b) terminate the Contract; and
 - (b) recover from the Contractor any loss or damage to the Employer as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the Site leaving behind Contractor's Equipment which the Employer instructs, in the termination notice, to be used for the completion of the Works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Employer under Sub-Para (a) and (c) of this Sub-Clause.

CONTRACT DATA

(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring Agency prior to issuance of the Bidding Documents.)

Sub-Clauses of Conditions of Contract

1.1.4 **The Employer** means

Sindh Madressatul Islam University, Karachi

1.1.5 **The Contractor** means

1.1.7 **Commencement Date** means the date of issuance of Work Order to Commence which shall be issued within seven (07) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** 90 days

(The time for completion of the whole of the Works should be assessed by the Employer)

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) Work Order
- (b) The Contract Agreement
- (c) Letter of Acceptance
- (d) The completed Form of Bid
- (e) Contract Data
- (f) Conditions of Contract
- (g) The completed Schedules to Bid including Schedule of Prices
- (h) The Drawings, if any
- (i) The Specifications

2.1 **Provision of Site:** On the Commencement Date*

4.4 **Performance Security:**

Amount 10% of Contract price

Validity: Valid till defect liability period/maintenance period as stated in Clause 9.1 of Contract Data

(Form: As provided under Standard Forms* of these Documents)

5.1 **Requirements for Contractor's design (if any):**

Specification Clause No's _____

7.2 **Programme:**

Time for submission: Within fourteen (14) days* of the Commencement Date.

Form of Programme: _____ (Bar Chart/CPM/PERT or other)

7.4 Amount payable due to failure to complete the work within stipulated time, shall be **0.44% per day** to the value of contract subject to maximum of **10%** of Contract Amount stated in the Letter of Acceptance/Work Order.

9.1 Period for remedying defects

Six (06) Months

11.1 (a) Terms of Payments

The Payment of Contract Price due to the Contractor under any Interim Payment Certificate will be made to the value of the Works executed on site within 30 days after such Interim Payment Certificate has been jointly verified by Employer and Contractor.

11.3 Percentage of retention:

The amount of performance security submitted by the contractor as per Clause 4.4 of Contract Data shall be held after completion of works as the percentage of retention money till defect liability period/maintenance period as per Clause 9.1 of Contract data.

11.6 Currency of payment: Pak. Rupees

14.1 Insurances:

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

(The minimum amount of third party insurance should be assessed by the Employer and entered)

Workers:

Other cover*:

(In each case name of insured is Contractor and Employer)

14.2 Amount to be recovered

Premium plus _____ percent (____%).

15.3 Arbitration

Place of Arbitration: Decided as per Directives of Competent Authority

STANDARD FORMS

(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities).

FORM OF BID SECURITY
(Bank Guarantee)

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Employer)

Name of Guarantor (Scheduled Bank in Pakistan) with
address: _____

Name of Principal (Bidder) with
address: _____

Penal Sum of Security (express in words and
figures): _____

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called The "Employer") in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Employer; and

WHEREAS, the Employer has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Employer, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or

- (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Employer for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Employer in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Employer for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Employer the said sum stated above upon first written demand of the Employer without cavil or argument and without requiring the Employer to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Employer by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Guarantor (Bank)

Witness:

1. Signature _____

1. _____

2. Name _____

Corporate Secretary (Seal)

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

**FORM OF PERFORMANCE SECURITY
(Bank Guarantee)**

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Employer)

Name of Guarantor (Scheduled Bank in Pakistan) with
address: _____

Name of Principal (Contractor) with
address: _____

Penal Sum of Security (express in words and
figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Employer) in the penal sum of the amount stated above, for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____
_____ (Name of Contract) for the _____
_____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract, for which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

	_____ Guarantor (Bank)
Witness:	
1. _____	1. Signature _____
_____	2. Name _____
Corporate Secretary (Seal)	3. Title _____
2. _____	
_____	_____ Corporate Guarantor (Seal)
(Name, Title & Address)	

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the ____ day of _____ 200 ____ between _____ (hereinafter called the "Employer") of the one part and _____ (hereinafter called the "Contractor") of the other part.

WHEREAS the Employer is desirous that certain Works, viz _____ 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 alongwith Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices;
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Employer 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.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

(Seal)

Signature of the Employer

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

(Name, Title and Address)

Witness:

(Name, Title and Address)

DRAWING FOR MS LOUVER DOORS AT SUB STATION

NOTE: Follow the description of item in BOQ for execution of work at site



CHECK LIST

S/No.	Requirement	Yes	No
1	Valid registration with Pakistan Engineering Council (PEC) category C-6 or above in the relevant field of specialization of work in CE10, EE04, EE06, EE11		
2	Registration for income tax (NTN certificate) with active status in FBR		
3	Registration with the Sindh Revenue Board (SRB)		
4	Turnover of at least Rs. 30 million during last three years		
5	Technical capacity (attach Profile)		
6	Relevant Works Experience of at least 3 years		
7	Affidavit on stamp paper that the firm is not black listed		
8	Proprietor's CNIC copy attached		