



Under  
Shah Abdul  
Latif University  
Khairpur

**OFFICE OF THE PROJECT DIRECTOR**  
**Establishment Of Women University at Sukkur**  
Banglow No. B-101, Akhuwat Nanger Society, Airport Road Sukkur,  
Phone# 071-5804472 E.mail: [womenuni.suk@salu.edu.pk](mailto:womenuni.suk@salu.edu.pk)



No.PD-WU-SKR/Constt:M.G '17

Dated 18.04.2017

### INVITATION TO TENDERERS

1. Sealed percentage/item rate tenders are invited from all the interested registered pre-qualified Contractors / Firms / Companies of Women University Sukkur meeting eligibility criteria under the SPPRA rules to participate for construction of **"MAIN GATE" of Women University Sukkur.**
2. A complete set of Tender Documents may be purchased by interested eligible tenderers on submission of a written application and upon payment of a nonrefundable fee of Rs. 4000/= in shape of Bank Draft/Pay Order Tenderers may acquire the Tender document from the office of the Project Director, Women University Sukkur, B-101, Akhuwat Nanger Society, Airport Road Sukkur.
3. All tenders must be accompanied by a Tender Security in the amount of 2% of the quoted price must be delivered to Office of the Project Director, Women University Sukkur, Akhuwat Nanger, Airport Road Sukkur at or before 11.00 Hours, on 10.05.2017 . Tenders will be opened at 11.30 hours on same Date in the presences' representatives who choose to attend.
4. Any conditional or un-accompanied of the earnest money, tender will not be considered in the competition.
5. The Procuring Agency may reject all or any bids subject to relevant provisions of SPPRA Rules.
6. In case of any holiday announcement or disturbance the tenders will be opened on the next working day as per schedule.

  
(Ollawer Ali Mangi)  
Project Director  
Women University Sukkur

**INSTRUCTIONS  
TO TENDERERS  
&  
TENDERING DATA**

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## **INSTRUCTIONS TO TENDERERS**

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

### **A. GENERAL**

#### **IT.1 Scope of Tender & Source of Funds**

##### **1.1 Scope of Tender**

The Employer as defined in the Tendering Data (hereinafter called "the Employer") wishes to receive tenders for the Works summarized in the Tendering Data (hereinafter referred to as "the Work").

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

##### **1.2 Source of funds**

The Employer has arranged funds from its own sources.

#### **IT.2 Eligible Tenderers**

2.1 Tendering is open to all firms and persons meeting the following requirement:

- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category.
- b) duly pre-qualified with the Employer

#### **IT.3 Cost of Tendering**

3.1 The tenderer shall bear all costs associated with the preparation and submission of its tender and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

### **B. TENDER DOCUMENTS**

#### **IT.4 Contents of Tender Documents**

4.1 The Tender Document are those stated below, and should be read in conjunction with any Addendum issued in accordance with Clause IT.6.1.

1. Instructions to Tenderers & Tendering Data
2. Forms of Tender & Schedules to Tender

Schedules to Tender comprise the following:

- (i) Schedule A: Schedule of Prices
- (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

3. Conditions of Contract Data

4. Standard Forms:

- (i) Form of Tender Security
- (ii) Form of Contract Agreement

5. Specification

6. Drawings, if any

#### **IT.5 Clarification of Tender Documents**

5.1 A prospective tenderer requiring any clarification (S) in respect of the Tender Document may notify the Engineer/employer at the Employer's address indicated in the Tendering Data

5.2 The Engineer/Employer will respond to any request for clarification, which it receives earlier than 10 day prior to the deadline for the submission of tender. Copies of the Engineer/Employer's response will be forwarded to all prospective tenderers, at least 5 days prior to dead line for submission of Tenders, who have received the Tender Documents including a description of the enquiry but without identifying its source.

#### **IT.6 Amendment of Tender Documents**

6.1 At any time prior to the deadline for submission of tenders, the Employer may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective tenderer, modify the Tender Document by issuing addendum.

6.2 Any addendum thus issued shall be part of the Tender Document pursuant to Sub-Clause 6.1 hereof, and shall be communicated writing to all purchasers of the Tender Document. Prospective tenderers shall acknowledge receipt of each addendum in writing to the Employer.

6.3 To afford prospective tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer may at its discretion extend the deadline for submission of tenders.

## C. PREPARATION OF TENDERS

### IT.7 Language of Tender

- 7.1 The tender prepared by the tenderer and all correspondence and document relating to the Tender, exchanged by the tenderer and the Employer shall be written in the English language, provided that any printed literature furnished by the tenderer may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Tender, the English translation shall govern.

### IT.8 Document Comprising the Tender

- 8.1 The tender prepared by the tenderer shall comprise the following components:
- (a) Covering Letter
  - (b) Form of Tender duly filled, signed and sealed, in accordance with clause IT.14.3.
  - (c) Schedules (A to E) to Tender duly filled and initialed, in accordance with the instructions contained therein & in accordance with Clause IT14.3.
  - (d) Tender Security furnished in accordance with Clause IT.13.
  - (e) Power of Attorney in accordance with clause IT 14.5
  - (f) Documentary evidence in accordance with Clause IT.11
  - (g) Documentary evidence in accordance with Clause IT.12

### IT.9 Sufficiency of Tender

- 9.1 Each tenderer shall satisfy himself before Tendering as to the correctness and sufficiency of his Tender and of the rates and prices entered in the Price Schedule, 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 tenderer is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the tender and entering into a Contract for execution of the Work.

#### **IT.10 Tender Prices, Currency of Tender and Payment**

- 10.1 The tenderer shall fill up the Schedule of Price (Schedule A to Tender) indicating the unit rates and prices of the Works to be performed under the Contract. Prices on the Schedule of Prices shall be entered keeping in view the instructions contained in the Preamble to the Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, Prices quoted by the tenderer shall remain fixed during the tenderer'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 shall be quoted by the tenderer in the currency as stipulated in Tendering Data.

#### **IT.11 Documents Establishing Tenderer's Eligibility and Qualifications**

- 11.1 Pursuant to Clause IT.8, the tenderer shall furnish, as part of its tender, documents establishing the tenderer's eligibility to tender and its qualification to perform the Contract if its tender is accepted.
- 11.2 Tenderer/Manufacturer must possess and provide evidence of the experience as stipulated in Tendering Data

#### **IT.12 Documents Establishing Works Conformity to Tender Documents**

- 12.1 The documentary evidence of the Works' conformity to the Tender Documents may be in the form of literature' drawings and data and shall furnish documentation as set out in Tendering Data.
- 12.2 The tenderer shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, designated by the Employer in the Technical Provision are intended to be descriptive only and not restrictive.

#### **IT.13 Tender Security**

- 13.1 Each tenderer shall furnish, as part of his tender, a Tender Security in the amount stipulated in Tendering Data in Pak. Rupees in the form of Deposit at call or a Bank Guarantee issued by a Scheduled Bank in Pakistan in favor of the Employer valid for period 28 days beyond the tender validity date.
- 13.2 Any tender not accompanied by an acceptable Tender Security shall be rejected by the Employers as non-responsive.
- 13.3 The tender securities of unsuccessful tenderers will be returned upon award of contract to the successful tenderer or on the expiry of validity of Tender Security whichever is earlier.

- 13.4 The Tender Security of the successful tenderer will be returned when the tenderer has furnished the required Performance Security, pursuant to Class IT.21 and signed the Contract Agreement, Pursuant to Clause IT.20.2 & 20.3
- 13.5 The tender security may be forfeited:
- (a) if a tenderer withdraws his tender during the period of tender validity;
  - (b) if a tenderer does not accept the correction of his Tender price, pursuant to Sub-Clause 16.4 (b) here of; or
  - (c) in the case of successful tenderer, if he fails to:
    - (i) furnish the required performance Security in accordance with Clause IT.21, or
    - (ii) sign the Contract Agreement, in accordance with Clause IT .20.2 & 20.3.

**IT.14 Validity of Tenders, Format, Signing and submission of Tender**

- 14.1 Tenders shall remain valid for the period stipulated in the Tendering Data after the date of tender opening.
- 14.2 All Schedules to Tender are to be properly completed and signed.
- 14.3 No alteration is to be made in the Form of Tender except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the tender may be rejected.
- 14.4 Each tenderer shall prepare Original and number of copies specified in the Tendering Data of the document comprising the tender as described in Clause IT.8 and clearly mark them "ORIGINAL" and "COPY " as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.5 The original and all copies of the tender 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 tenderer to act for and on behalf of the tenderer, All pages of the tender shall be initialed and official seal be affixed by the person or persons signing the tender.
- 14.6 The Tender shall be delivered in person or sent by registered mail at the address to Employer as given in Tendering Data.





# Shah Abdul Latif University Khairpur

No. SALU/Khpr/WU-Suk/ 4013167

dated 26-12-2016

## NOTIFICATION

The Vice Chancellor, Shah Abdul Latif University, Khairpur is pleased to constitute Procurement Committee for "WORKS" in terms of Rule-7 of Sindh Public Procurement Rules 2010 (Amended 2013) comprising of following members regarding "Establishment of Women University at Sukkur".

- |      |   |          |
|------|---|----------|
| i.   | Project Director, Women University, Sukkur  | Chairman |
| ii.  | Project Director, Sukkur Arts & Design College,                                       | Member   |
| iii. | Chairman, Teacher Education SALU, and<br>Focal Person to VC-SALU for Women University | Member   |
| iv.  | Executive Engineer, Education Works Division Sukkur                                   | Member   |
| v.   | Assistant Engineer, Provincial Highway Sub-Division Sukkur                            | Member.  |

The terms and references of the Committee are as under:-

- i. To prepare and scrutinize Bidding Documents.
- ii. Carry out Technical as well as Financial Evaluation of Bids.
- iii. To prepare Technical and Financial Evaluation Reports.
- iv. To recommend for the award of contracts to the competent Authority.
- v. Perform any other function ancillary and incidental to the above.

**BY ORDER OF THE COMPETENT AUTHORITY**

REGISTRAR

NO. Admn/SALU/Khpr/WU-Suk/ /15-16: Khairpur, dated \_\_\_-12-2016

A copy is forwarded for information & necessary action to:

1. Secretary to Chief Minister Sindh, Universities and Boards, Karachi.
2. The Project Director, Women University Sukkur.
3. The Chief Engineer High Way Sukkur
4. The Chief Engineer / Superintending Engineer Education Works Sukkur.
5. M/S Global Engineering Services, Rawal Pindi
6. All Committee Members.
7. Secretary to Vice Chancellor, Shah Abdul Latif University Khairpur

REGISTRAR



# Shah Abdul Latif University Khairpur

No.ADMN/ SALU/Khpr/WU-Suk/2088 date the 4-05-2016

## NOTIFICATION

In pursuance of Rule – 31 of the Sindh Public Procurement Rules, 2010 a Complaint Redressal Committee comprising of following Officers is constituted as under to resolve complaint's of aggrieved bidders /consultants/ consulting firm (s) under scheme "Establishment of Women University at Sukkur" is constituted as under:-

- |   |                  |
|---|------------------|
| 1. Pro-Vice Chancellor,<br>Shah Abdul Latif University Khairpur                       | Chairman         |
| 2. Representative of Accountant General Sindh<br>Shah Abdul Latif University Khairpur | Member           |
| 3. Project Director, Women University Sukkur  | Member/Secretary |

### To Rs

- To perform according to rule of SPPRA, 2010;
- Perform any other function ancillary and incidental to the above.

By order of the competent authority

  
Registrar

NOADMN /SALU/Khpr/WU-Suk/ / Khairpur, date the \_\_\_-05-2016

A copy is forwarded for information & necessary action to:

1. Accountant General Sindh, Karachi.
2. All Members of the Committee.
3. Secretary to Vice Chancellor, Shah Abdul Latif University Khairpur
4. The P.S to Secretary, Universities and Boards, Chief Minister's Secretariat Karachi.

Registrar



"Establishment of Women University at Sukkur"  
Under  
SHAH ABDUL LATIF UNIVERSITY, KHAIRPUR  
ANNUAL PROCUREMENT PLAN  
(Works, Goods and Services)  
(2016-2017)



S#	Description of Procurement	Quantity where applicable	Estimated unit cost where applicable	Estimated total cost	Funds Allocated	Source of Funds (ADP/ Non-ADP)	Proposed Procurement method	Timing of Procurement				I	
								1st Qtr.	2 <sup>nd</sup> Qtr.	3 <sup>rd</sup> Qtr.	4 <sup>th</sup> Qtr.		
	Construction of "Main Gate" for Women University Sukkur			Rs.18.429 Million	Rs.100 Million	ADP	Single Stage One envelope procedure					To be initiated And To be completed	

  
Project Director  
Women University Sukkur



Establishment of Women University at Sukkur



Under  
Shah Abdul Latif University Khairpur

## TENDER DOCUMENT

CONSTRUCTION OF "MAIN GATE" FOR  
WOMEN UNIVERSITY SUKKUR

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**INVITATION  
TO  
TENDERERS**

## **D- SUBMISSION OF TENDER**

### **IT.15 Deadline for Submission, Modification & withdrawal of Tenders**

- 15.1 Tenders must be received by the Employer at the address provided in Tendering data not later than the time and date stipulated therein.
- 15.2 Tenders submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.3 Any tender received by the Employer after the date and time of tender opening prescribed in Tendering Data will be returned unopened to such tenderer.
- 15.4 Any tenderer may modify or withdraw his tender after tender submission provided that written notice of the modification or withdrawal is received by the employer prior to the deadline for submission of tenders.
- 15.5 No tender may be modified by a tenderer after the deadline for submission of tenders. Withdrawal of a tender during the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified in the Form of Tender may result in forfeiture of the Tender Security pursuant to Clause IT.13.5(a)

## **E. TENDER OPENING AND EVALUATION**

### **IT.16 Tender opening & Clarification and Evaluation**

- 16.1 The Employer will open the tenders, in the presence of tenderers' representatives who chose to attend, at the time, date and location stipulated in the Tendering Data.
- 16.2 The tenderer's name, Tender Prices, any discount, the Presence or absence of Tender Security, and such other details as the Employer at its desecration may consider appropriate, will be announced by the Employer at the tender opening.  
  
Any Tender Price or discount which is not read out and recorded at tender opening will not be taken into account in the evaluation of tender.
- 16.3 To assist in the examination, evaluation and comparison of Tenders the Engineer/employer may, at its discretion, ask the tenderer for a clarification of its Tender. The request for clarification and the response shall be in writing and no change in the price or substance of the Tender shall be sought, offered or permitted.

16.4 (a) Prior to the detailed evaluation, pursuant to Sub-clause IT.16.7 to 16.9, the Engineer/Employer will determine the substantial responsiveness of each tender to the Tender Documents. For purpose of these Clauses, a substantially responsive tender is one which conforms to all the terms and conditions of the Tender Documents without material deviations. It will include determine the requirements listed in Tendering 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 Tender price entered in Form of Tender and the total shown in Schedule of Price-Summary, the amount stated in the Form of Tender will be corrected by the Employer in accordance with the Corrected Schedule of Price.

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

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

16.6 Any minor informality or non-conformity or irregularity in a Tender which does not constitute a material deviation may be waived by Employer, provided such waiver does not prejudice or affect the relative ranking of any other tenderers.

16.7 The Engineer/Employer will evaluate and compare only the tenders previously determined to be substantially responsive pursuant to Sub-clauses IT16.4 to 16.6 as per requirements given hereunder. Tenders will be evaluated for complete scope of works. The prices will be compared on the bases of the Evaluated Tender Price pursuant to Sub-Clause 16.8 herein below.

**(a) Technical Evaluation**

It will be examined in detail whether the Works offered by the tenderer complies with the Technical Provisions of the Tenderer Documents. For this purpose, the tender's data submitted with the tender in Schedule B to Tender will be compared with technical features/criteria of the Works detailed the Technical Provisions. Other technical information submitted with the tender regarding the Scope of Work will also be reviewed.



**(b) Commercial Evaluation**

It will be examined in detail whether the tenders comply with the commercial/contractual conditions of the Tender Documents. It is expected that no major deviation/stipulation shall be taken by the tenderers.

**16.8 Evaluated Tender Price**

In evaluating the tenders, the Engineer/Employer will determine for each tender in addition to the Tender Price, the following factors (adjustment) in the manner and to extent indicated below to determine the Evaluated Tender Price:

- (i) making any correction for errors pursuant to Sub-clause 16.4 hereof.
- (ii) making an appropriate price adjustment for any other acceptable variation or deviation.
- (iii) making an appropriate price adjustment for Deviations in terms of Payments (if any acceptable to the Employer)

**16.9 Evaluation Methods**

Pursuant to Sub-Clause 16.8, Para (ii), and (iii) following evaluation methods for price adjustments will be followed.

**(i) Price Adjustment for Technical Compliance**

The cost of making good any deficiency resulting from technical non compliance will be added to the Corrected Total Tender Price for comparison purposes only. The adjustments will be applied taking the highest price quoted by other tenderers being evaluated in detail in their original Tenders for corresponding item. In case of non availability of price from other tenderers, the price will be estimated by the Engineer/Employer.

**(ii) Price Adjustment for Commercial Compliance**

The cost of making good any deficiency resulting from any quantifiable variation and deviations from the Tender Schedules and Conditions of Contract, as determined by the Engineering/employer will be added to the Corrected Total Tender Price for comparison purpose only. Adjustment for commercial compliance will be added to the Corrected Total Tender Price.

- (iii) Price Adjustment for Deviation in Terms of Payment.

Refer to Tendering Data.

**IT.17 Process to be Confidential**

- 17.1 Subject to Clause IT.16.3 heretofore, no tenderer shall contact Engineer/employer on any matter relating to its Tender from the time of the Tender opening to the time the Contract is awarded.
- 17.2 Any effort by a tenderer to influence Engineer/employer in the Tender evaluation, Tender comparison or Contract Award decisions may result in the rejection of his Tender.

**F. AWARD OF CONTRACT**

**IT.18 Post-Qualification**

- 18.1 In the absence of pre-qualification, the Employer will determine to its satisfaction whether the substantially responsive, lowest evaluated tenderer is qualified to satisfactorily perform the Contract.
- 18.2 The determination will take into account the tenderer's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the tenderer's qualifications submitted under Clause IT.11, as well as such other information as the Employer deems necessary and appropriate.

**IT.19 Award Criteria & Employer's Right**

- 19.1 Subject to Sub-clause IT.19.2, the Employer will award the Contract to the tenderer whose tender has been determined to be substantially responsive to the Tender Document and who has offered the lowest evaluated Tender price, provided that such tenderer has been determined to be qualified to satisfactorily perform the Contract in accordance with the provisions of Clause IT.18.
- 19.2 Not with standing Sub-clause IT.19.1, the Employer reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders, at any time prior to award of Contract, without thereby incurring any liability to the affected tenderers or any obligation to inform the affected tenderers of the ground for the Employer's action.

**IT.20 Notification of Award & Signing of Contract Agreement**

- 20.1 Prior to expiration of the period of tender validity prescribed by the Employer, the Employer will notify the successful tenderer in writing ("Letter of Acceptance") that his tender has been accepted.

- 20.2 Within 7 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer will send the successful tenderer the Form of Contract Agreement provided in the Tender Document, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Employer and the successful tenderer shall be executed within 7 days of the receipt of Form of Contract Agreement by the successful tenderer from the Employer

**IT.21 Performance Security**

- 21.1 The successful tenderer shall furnish to Employer a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of 14 days after the receipt of Letter of Acceptance.
- 21.2 Failure of the successful tenderer to comply with the requirements of Sub-clauses IT.20.2 & 20.3 or clause 21 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security.

## TENDERING DATA

Instructions to Tenderers  
Clause Reference

**1.1 Name of Employer**

Project Director, Women University, Sukkur

**Brief Description of Works**

Construction of Main Gate for Women University Sukkur

**5.1 a) Employer's Address:**

Office of the Project Director  
Women University, Sukkur  
B-101, Akhuwat Nanger Society, Airport Road Sukkur

**b) Engineer Address:**

Global Engineering Services  
H. No. NE122/F, St. 7, Chaman Zar Colony  
Rawalpindi

10.4 Tender shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.3 The tenderer/manufacture has the financial and technical capability necessary to perform the Contact as follows:

**Construction of Main Gate of Women University Sukkur.**

12.2 (a) A detailed description of 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 Tender, 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 characteristic such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Tender Security**

**2% of Bid / Tender quoted Price**

**14.1 Period of Tender Validity**

Three Months (3)

**14.4 Number of Copies of the Tender to be Submitted**

Two (2)

**14.5 (a) Employers for the Purpose of Tender Submission**

Project Director  
Women University,  
Sukkur

**(b) Name and Identification Number of the Contract**

Tender for Contract No.PD-WU-SKR/Constt: M.G/2017

**(c) Warning**

DO NOT OPEN BEFORE 10.05.2017

**15.1 Deadline for Submission of Tenders**

11:00 AM on 10.05.2017

**16.1 Venue, Time and Date of Tender Opening**

Venue: Project Director, Women University Sukkur, B-101, Akhuwat Nanger Society, Airport Road, Sukkur.

Time: 11.30 am

Date: 10<sup>th</sup> May, 2017

**16.4 Responsiveness of Tenders**

- (i) The Tender is valid till required period,
- (ii) The Tender prices are firm during currency of contract (if it is a fixed price tender).
- (iii) Completion period offered is within specified limits,
- (iv) the Tenderer/Manufacturer is eligible to Tender and possesses the requisites experience,
- (v) the Tender does not deviate from basic technical requirements and
- (vi) the Tenders are generally in order, etc.

**16.9 Price Adjustment**

- (iii) Price Adjustment for Deviation in Terms of Payment

If a tender deviates from the terms of payment/payment conditions as specified in the Conditions of Contract and if such deviation is considered acceptable to the Employer, mark-up earned for any earlier payments involved in the terms outlined in the Tender as compared to those stipulated in the Conditions of Contract shall be calculated at the mark-up rate 32.5% per annum and shall be added to the Corrected Tender Price for comparison purposes only.

**FORMS OF TENDER AND SCHEDULES TO TENDER**

**SCHEDULE-TO TENDER**

**FORM OF TENDER**

(LETTER OF OFFER)

Tender Reference No. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Name of Works)

To:

The Project Director,  
Women University Sukkur.

Gentlemen,

1. Having examined the Tender Documents Including Instructions to Tender, Tendering Data Conditions Of 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 here by offer to execute and complete such Works and remedy and any defects therein in conformity with the said Documents including Addenda thereto for the Total Tender Price of Rupees \_\_\_\_\_ ( \_\_\_\_\_ ) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Tender.
3. As security for due performance of the undertaking and obligations of this Tender, we submit herewith a Tender Security in the amount of \_\_\_\_\_ drawn in your favor or made payable to you and valid for a period of 28 days beyond the period of validity of Tender.
4. We undertake, if our Tender 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 Tender 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 Tender, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We understand that you are not bound to accept the lowest or any Tender you may receive.
8. We do hereby declare that the Tender is made without any collusion, comparison of figures or arrangement with any other person or persons making a Tender for the Works.

Dated this \_\_\_\_\_ day \_\_\_\_\_ Signature

\_\_\_\_\_ in the capacity of \_\_\_\_\_ duly authorized to sign

tenders for and on behalf of \_\_\_\_\_

(Name of Tenderer in Block Capitals)

Address \_\_\_\_\_

\_\_\_\_\_

Witness: \_\_\_\_\_



**SCHEDULES TO TENDER INCLUDE THE FOLLOWING**

- . Schedule A to Tender: Schedule of Price
- . Schedule B to Tender: Specific Works Data
- . Schedule C to Tender: Works to be Performed by Subcontractors
- . Schedule D to Tender: Proposed Programme of Works
- . Schedule E to Tender: Method of performing Works

**SCHEDULE - A TO TENDER  
SCHEDULE OF PRICES**

<b>Sr.NO.</b>		<b>Page No.</b>
1.	Preamble to Schedule of Prices	23
2.	Schedule of Prices	26
	(a) Summary of Tender Prices	
	(b) Detailed Schedule of Prices	

To be prepared by the Engineer/Employer

## SCHEDULE - A TO TENDER

### 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 Tender Documents. Tenders 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 section of the Tender Documents shall be made before entering prices against each item in the Schedule prices.

#### 3. Units and Abbreviations

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

m	:	metre
mm	:	millimeter
kN	:	Kilo Newton
kN	:	Kilo Newton per square meter

#### 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 as 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 rates and prices entered by the tenderer 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 Schedule of Prices, and where 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.

## SCHEDULE -A TO TENDER

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 tenderer will not be paid for by the Employer when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The tenderer shall be deemed to have obtained all information as to and all requirements related thereto which may affect the tender price.

\*(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

\*(Employer may modify as appropriate)

- 4.5 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. Tender Prices

#### 5.1 Break-up Tender Prices

The various elements of Tender Prices shall be quoted as detailed by the Employer in the format of Schedule of Prices.

The tenderer shall recognize such elements of the costs which he expects to incur for 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 Tender Price

The total of tender prices in the Schedule of Prices shall be entered in the Summary of Tender Prices.

**3. Provisional Sums**

- 9.1 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/Employer. The Contractor will only receive payment in respect of Provisional Sums if he has been instructed by the Engineer/Employer to utilize such sums.

SCHEDULE -A TO TENDER

SCHEDULE OF PRICES - SUMMARY OF TENDER PRICES

Item	Description	Quantity	Unit Rate	Total Amount
1.				
Total (to be carried to Summary of Tender Price)				

**BoQ attached under Page 26**

**WOMEN UNIVERSITY AT SUKKUR**  
**SUMMARY OF COST FOR MAIN GATE**

<b>A</b>	<b>Scheduled Items</b>			
<b>(i)</b>	<b>Upto Plinth Level</b>			
1	Schedule Civil Works except steel and RCC			Rs.
2	Schedule Civil Works steel			Rs.
3	Schedule Civil Works except RCC			Rs.
	Total- (i)			Rs.
<b>(ii)</b>	<b>Above Plinth Level</b>			
1	Schedule Civil Works except steel and RCC			Rs.
2	Schedule Civil Works steel			Rs.
3	Schedule Civil Works except RCC			Rs.
4	Non schedule Architectural Works			Rs.
	Total- (ii)			Rs.
	<b>Total-A</b>			Rs.
<b>B</b>	<b>Schedule Electrical Works</b>			
1	Schedule Electrical Works SI			
2	Non Schedule Electrical Works			
	<b>Total-B</b>			
<b>C</b>	<b>Schedule Plumbing Works</b>			
1	Schedule Plumbing Works SI			Rs.
2	Non Schedule Plumbing Works			Rs.
	<b>Total-C</b>			Rs.
<b>D</b>	<b>Different cost of SR cement &amp; Cartage</b>			
<b>(i)</b>	<b>Upto Plinth Level</b>			
1	Cartage			Rs.
2	Different cost of SR cement			Rs.
<b>(ii)</b>	<b>Above Plinth Level</b>			
1	Cartage			Rs.
2	Different cost of SR cement			Rs.
	<b>Total-D</b>			Rs.
	<b>Total: A+B+C+D</b>			Rs.
<b>E</b>	<b>External development</b>			
1	Drainage Work			Rs.
2	External development			Rs.
	<b>Total-E</b>			Rs.
	<b>Grand Total</b>			Rs.

\_\_\_\_\_  
Signature of the Contractor

\_\_\_\_\_  
Project Director

**WOMEN UNIVERSITY, SUKKUR**  
**BILL OF QUANTITY FOR MAIN GATE**  
**(UPTO PLINTH)**

**Schedule Items**

Samples of all materials to be used should be got approved and concrete mixes designed prior to the execution of works. Material strengths as indicated in drawings & B.O.Q for both steel and concrete should be strictly adhered with by frequent testing.

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
	<b>EXCAVATION FOR FOUNDATION</b>				
Item-01	Excavation in foundation of building, bridges and other structures including dagbelling, dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft.				
	ii) In hard soil or soft murum.	12,264	%0 cft	3554.38	43,590.92
	<b>Item 18(c) Page-4</b>				
	<b>EARTH FILLING</b>				
Item-02	i) Filling, watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft.				
	a) Available at site	429	%0 cft	1512.5	648.86
	<b>Item 21 Page-4</b>				
	b) From outside source		%0 cft	8951.18	-
	<b>Item 21 Page-4+Item 8(a) page-2</b>				
	<b>P.C.C ( 1:4:8 )</b>				
Item-03	Cement concrete plain (1:4:8) using sulphate resistant cement type (v) including placing, compacting, finishing, curing, complete, (Including screening and washing of stone aggregate without shuttering).				
	i) Footings	1,048	% cft	11288.75	118,306.10
	ii) Grade Slab	107	% cft	11288.75	12,078.96
	<b>Item 5(i) Page-16</b>				
	<b>P.C.C ( 1:3:6 )</b>				
Item-04	Cement concrete plain (1:3:6) using sulphate resistant cement type (v) including placing, compacting, finishing, curing, complete, (Including screening and washing of stone aggregate without shuttering).				
	i) Grade Slab	72	% cft	12595	9,068.40
	<b>Item 5(h) Page-16</b>				
	<b>BRICK MASONRY IN FOUNDATION &amp; PLINTH</b>				
Item-05	Pacca brick work in foundation & plinth in cement sand mortar 1:6 using sulphate resistant cement type (v).				
		308	% cft	11948.36	36,800.95
	<b>Item 4(e) Page-21</b>				
	<b>CEMENT PLASTER UPTO PLINTH</b>				
Item-06	Cement Neru plaster 1:2 using sulphate resistant cement type (v)				
	i) ½" thick	206	% sft	1438.46	2,963.23
	<b>Item 11(b) Page-58</b>				
	<b>BITUMEN PAINTING</b>				
Item-07	Two coats of bitumen laid hot using 34 lbs for % sft. Over exposed surface of concrete and Brick work in foundation and plinth and blinded with sand at one Cft.per % sft				
		1,653	% sft	1887.4	31,198.72
	<b>Item 13 Page-35</b>				
Item-08	<b>GRADED STONE</b>				
	Dry rammed brick or stone ballast 1½" to 2" gauge.	800	% cft	3327.5	26,620.00
	<b>Item (2) Page-15</b>				



S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
	<b>DAMP PROOF COURSE (2" thick) (S.R Cement)</b>				
Item-09	Damp proof course with cement sand & shingle/crush concrete (1:2:4) using sulphate resistant cement type (v) including 2 coats of asphaltic mixture. (Over Walls)	88	% sft	3912.85	3,443.31
	<b>Item 28(b) Page-19</b>				
	<b>POLYTHENE SHEET</b>				
Item-10	Providing and laying single per layer of polythene sheet 0.13 mm thick for water proffing as per specification and instructions of Engineer Incharge.				
	a) Over wall	517	per sft	10.7	5,531.90
	b) Under floor		per sft	10.7	-
	<b>Item 38 Page-38</b>				
				<b>TOTAL</b>	<b>290,251.35</b>
	<b>AT PAR</b>				
	<b>TOTAL FOR SCHEDULE ITEMS</b>				<b>290,251.35</b>
	<b>STEEL REINFORCEMENT</b>				
Item-11	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints fastenings, including cost of binding wire also includes removal of rust from bars.				
	<b>i)Upto Plinth</b>				
	a) Grade 40	189.00	per Cwt	4820.2	911,017.80
	b) Grade 60	138.00	per Cwt	5001.7	690,234.60
	<b>Item 8(a) page-17</b>				
				<b>TOTAL</b>	<b>1,601,252.40</b>
	<b>% ABOVE PREMIUM ON SCHEDULE RATES</b>				
	<b>TOTAL FOR SCHEDULE ITEMS</b>				
	<b>REINFORCED CEMENT CONCRETE (S.R Cement)</b>				
Item-12	Reinforced cement concrete ( 1:2:4 ) using sulphate resistant cement type (v) or more rich to provide 6"x12" cylinder strength of 3000 psi at 28 days age (equivalent cube strength = 3750 psi) 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 exposed surface including screening and washing of stone aggregate.				
	i) Footing	2,870	per cft	337	967,190.00
	ii) Grade Slab	142	per cft	337	47,854.00
	<b>Item 6(a)(I) Page-17</b>				
	<b>REINFORCED CEMENT CONCRETE (S.R Cement)</b>				
Item-13	Reinforced cement concrete ( 1:1-1/2:3 ) using sulphate resistant cement type (v) or more rich to provide 6"x12" cylinder strength of 4000 psi at 28 days age (equivalent cube strength = 4500 psi) 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 exposed surface including screening and washing of stone aggregate.				
	i) Tie Beam	247	per cft	349	86,203.00
	ii) Column upto plinth	575	per cft	349	200,675.00
	<b>Item 6(a)(II) Page-17</b>				
				<b>TOTAL</b>	<b>1,301,922.00</b>
	<b>AT PAR</b>				
	<b>TOTAL FOR SCHEDULE ITEMS</b>				

**WOMEN UNIVERSITY SUKKUR**  
**BILL OF QUANTITY FOR MAIN GATE**  
**(ABOVE PLINTH)**

Schedule Items

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
<b>Item-01</b>	<b>Brick Masonry works in super structure (above plinth level) Chapter No.5, Page No. 21</b>				
	Providing and laying approved first class burnt brick masonry in super structure walls at any height and any floor, laid and jointed with cement and approved source sand machine mixed mortar, masonry to be laid in course true to line, level and plumbing, protected and properly cured including scaffolding and providing deep joints to receive rendering. All work to be completed as per drawings and specifications, including P/F specified anchorage with concrete members and directed by the Engineer.				
	<b>Internal Walls</b>				
	(Item No. 5, (i e) & 6 ii (where required)				
	<b>i. Ground Floor</b>				
	4 1/2" thick and above internal/external walls in (1:4) CSM	45.88	%cft.	13,227.41	6,068.74
	9" thick and above internal/external walls in (1:6) CSM	990.47	%cft.	12,674.36	125,535.73
	<b>ii Mezzanine Floor</b>				
	4 1/2" thick and above internal/external walls in (1:4) CSM	24.19	%cft.	13,666.04	3,305.82
	9" thick and above internal/external walls in (1:6) CSM	1,114.36	%cft.	13,112.72	146,122.91
<b>Item-02</b>	<b>Plain Cement Sand Wall Plastering, Chapter No.9, Page 52</b>				
	Providing and applying cement plaster at any floor or at any height using approved quality sand preferably machine mixed mortar, including all bends, corners, recesses including scaffolding and hacking the concrete surfaces, arching the masonry joints and providing 8" wide GI wire mesh of 17 SWG 1"x1" size fixed with GI staples on masonry joints, concrete joints. All plaster to be finishes smooth with steel float in true to level, line and plumb and properly cured, complete as per drawings, specifications and as directed by the Engineer.				
	<b>i. Item No. 13 c</b>				
	Internal walls/columns plaster 3/4" thick in 1:6 CSM				
	a) Ground Floor	1,783.25	%sft.	2,590.50	46,195.09
	b) Mezzanine Floor	1,922.50	%sft.	2,731.47	52,512.51
	<b>ii. Item No. 11 (c)</b>				
	External Surfaces 3/4" thick 1:4 CSM on walls/up stand/down stand beam projection.				
	i) 1/2" thick	8,066.25	%sft.	3,015.76	243,258.74
	ii) 3/8" thick	8,401.25	%sft.	3,156.23	265,162.77

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
<b>Item-03</b>	<b>Plain Cement Sand Ceiling Plastering, Chapter No. 9, Page 52</b>				
	Providing and applying 1/2" thick plaster in (1:4) CSM at any floor or at any height on soffit of slabs, projections, up stands, downstands and shelves with one cement, four sand preferably machine mixed mortar using approved quality sand, including all bends, corners, recesses and hacking the concrete surfaces and scaffolding. All plaster to be finished smooth with steel float in true level, line and properly cured, keeping the roof slab properly wet during cement plastering in summer, complete as per drawings, specifications and as directed by the Engineer.				
	<b>Item No. 11b</b>				
	a) Ground Floor	377.51	%sft.	2,283.93	8,622.06
	b) Mezzanine Floor	925.06	%sft.	2,424.40	22,427.15
<b>Item-04</b>	<b>Chapter 11, Page 55, item 34</b>				
	Extra labor rate for making grooves of 1"x1/4" or 3/4" x 1/2" plastered surface with true edges both vertically and horizontally with uniform depth and with groove base smoothly finished etc. complete as per instruction of Engineer Incharge	1,498	rft.	7.71	11,550
<b>Item-05</b>	<b>Chapter 9, Page 55, Item 35</b>				
	Extra labor for making cement plaster pattas/band where required width not less than 6" width fine finishing as directed	335	rft.	19.36	6,486
<b>Item-06</b>	<b>PLASTIC EMULSION PAINT</b>				
	<b>Chapter 9, Page 56, Item 40 A+B</b>				
	Preparing surface and painting with plastic emulsion, paint of approved make, including rubbing the surface with sand paper, filling with putty and then painting compelte (new surface)				
	a) Ground Floor	1,783.25	%sft.	1,695.35	30,232.33
	b) Mezzanine Floor	3,705.75	%sft.	1,923.44	71,277.88
<b>Item-07</b>	<b>Chapter 9, Page 56, Item 38 A+B</b>				
	Preparing surface and painting with weather coat including rubbing the surface, filling and painting with weather coat of approved make, complete (new surface) three coats				
	a) Ground Floor	2,263.13	%sft.	1,948.10	44,088.04
	b) Mezzanine Floor	8,066.25	%sft.	2,176.19	175,536.93
<b>Item-08</b>	<b>Chapter No.11, Page 70, Item No.5 c i. &amp; ii</b>				
	Providing and applying three coats of enamel painting (Mat finish/all rounder including cleaning, approved make premixed putty filling, sand papering and a coat of primer complete as per manufacturers standards and as directed by the Engineer	345.31	%sft.	896.39	3,095.32

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
<b>Item-09</b>	<b>Roof Treatment, Chapter No.7, Page 33, Item No.2.</b>				
	second class tile roofing consisting of 4" earth and 1" mud plaster with gobri leeping over 1/2" thick cement plaster 1:6 with 34 Lbs. %sft of hot bitumen coating sand blinded 1.cft for %sft, provided over one layer of 12" x 6" x 2" tiles laid in 1:6 mortar including 1:2 cement pointing under neath of tiles complete including curing etc.				
	a) On Roof	574.50	% sft	8,748.33	50,259.16
<b>Item-10</b>	<b>Polythene Sheet, Chapter No.7, Page 38, Item No. 38</b>				
	Providing and laying under floors or where required black low density flexible polythene sheet of single thickness not less than 0.46mm and weighing approximately 0.48 KG per SQ.M or in two layers having matching weight including the side and end laps of 4" width turning 4" on walls and sealing all the joints with masking tape etc., complete as per drawings, specifications and as directed by the Engineer				
	On Top Roof	603.23	per sft	10.70	6,454.56
	Under Floor		per sft	10.70	-
<b>Item-11</b>	<b>Morice Lock</b>				
	Providing and fixing approved quality mortice lock.	4.00	each	1,786.13	7,144.52
	<b>Page 57, item No. 21</b>				
<b>Item-12</b>	<b>Ani-termmite treatment</b>				
	Providing Ani-termmite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an ever all pre-construction treatment in slab type construction under the slab and along attache perches or entrances etc. complete as per directions of Engineer Incharge	1,200.00	sft.	4.16	4,992.00
	<b>Item 92 Page 109</b>				
<b>Item-13</b>	<b>Iron grill</b>				
	Providing and fixing iron grill using solid square bars size 1/2" x 1/2" placed 4" c/c and frame of flat iron Patti of 3/4" x 1/4" i/c circle shape at 1'-0" apart fitted with screws and pin i/c painting 3 coats with coat of red oxide paint etc.	150.00	sft	194.16	29,124
	<b>Chapter 17, Page 94, Item 30</b>				
<b>Item-14</b>	<b>M.S GATE</b>				
	Supplying and fixing special heavy type steel door for look-up with angle iron frame 2-2/1" to 2-1/2" x 3/8" size and shutter of 2"x2"x3/8" with 1" diameter M.S bars placed @ 4" centre to centre with aseparate looking box having size 12"of M.S steel sheet embeded in masonry with proper locking arrangement as per approved design including cost of erection of steel gate and fixing in masonry wallin cement concrete 1:2:4 etc, complete as per instructions of Engineer Incharge.	480.00	sft.	930.76	446,764.80
	<b>Item 27 Page 93</b>				
<b>Item-15</b>	<b>MS CIRCULAR STAIR</b>				
	<b>Chapter No. 17, Page 91, Item No.1</b>	20.00	CWT	6,420.61	128,412.20

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
Item-16	<b>C.I MAN HOLE COVER AND FRAME</b>				
	Providing and fixing C.I Manhole Cover with frame i/c cost of material.	2	CWT	6985.00	13,970.00
	<b>Item (j) 1 Page-35</b>				
	<b>TOTAL</b>				<b>1,948,598.43</b>
	<b>At Par</b>				
	<b>TOTAL FOR SCHEDULE ITEMS</b>				<b>1,948,598.43</b>
Item-17	<b>Aluminum Doors/Windows/Ventilators, Chapter No. 18, Page 108, Item No. 83, 84 &amp; 85</b>				
	Providing and fixing 2mm sectional thickness 101 mm wide of approved color aluminum doors/windows/ventilators including 5mm thick approved glass fixed to concrete or masonry surfaces by means of plastic fisher plugs, screws for windows and expansion bolt for door etc. inclusive but not limited to hinges, Matex Japan rollers, sliding lock having press buttons, handles, stays, PVC glazing gasket, caulking compound etc., complete as per drawings and as directed by the Engineer				
i.	Windows	150.00	sft.	1,507.66	226,149.00
	<b>Wood work (Chapter No.10, Page 57, Item No. 7(b))</b>				
	Fist class deodar wood wrought, joinery in doors and windows etc, fixxed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc.				
	Deodar panelled or panelled and glazed, or fully glazed.				
	(a) 1 3/4" thick. doors	75	SFT	1273.76	95,532
	<b>French polishing (Chapter No.1, Page 70, Item No. 7-a)</b>				
	French polishing complete.				
	(a) On new work.	275	%SFT	1391.5	3,827
	<b>Marble Flooring</b>				
	Laying white/ any color equivalent marble flooring fine dressed on the surface without winding set in line mortar 1:2 including rubbing and polishing of the joints. (Chapter No.8, Page 43, Item No. 28				
	(a) On Column Pedastal complete as per drawing or as directed by the Engineer Incharge.	933	SFT	567.48	529,459
	(a) 3/4" thick steps	32	SFT	568.48	18,191
	Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, currint finishing, cleaning and plosishing etc, complete.(Chapter No.8, Page 49, Item No. 68				
	(a) 3/8" thick 4 " skirting in rooms, coridoor and stair case	18	SFT	48.4	871

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
<b>Item-18</b>	<b>Glazed Ceramic Tiles Dado (Master/equivalent make), Chapter No.8, Page 45, Item No. 38</b>				
	Providing and fixing glazed ceramic tiles of size as below of approved make and texture shade in dado set over cement slurry and filling the joints with neat white cement with matching pigments including 3/4" thick base plaster of cement, sand (1:4) with curing and cleaning etc., complete as per drawings, specifications and as directed by the Engineer				
	a) 12"x18"/any size approved by engineer Incharge				
i.	Ground Floor Bathroom + room wall	681.25	sft.	282.97	192,773.31
<b>Item-19</b>	<b>Non Skid Ceramic Flooring Tile (Chapter No.8, Page 43, Item No. 25)</b>				
	Providing and laying non skid ceramic tiles in floor of approved shade with cement slurry laid in slope towards floor drain and including filling the joints in neat white pigment to match the color of tiles in floors etc.k, complete as per drawings, specifications and as directed by the Engineer				
<b>Item-19</b>	a) 12"x12"/any size approved by engineer Incharge				
i.	Ground Floor Bathroom +	671.20	sft.	277.47	186,237.86
	<b>TOTAL</b>				<b>1,253,040.20</b>
	<b>% BELOW / ABOVE ON SCHEDULE RATES</b>				
	<b>TOTAL FOR SCHEDULE ITEMS</b>				
	Civil Work Steel				
<b>Item-20</b>	<b>STEEL REINFORCEMENT</b>				
	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints fastenings, including cost of binding wire also includes removal of rust from bars.				
	<b>i)Ground Floor</b>				
	a) Grade 40	59.00	per Cwt	4820.20	284,391.80
	b) Grade 60	157.00	per Cwt	5001.7	785,266.90
	<b>Item 8(a) page-17</b>				
	<b>ii)First Floor</b>				
	a) Grade 40	51.00	per Cwt	4971.45	253,543.95
	b) Grade 60	152.00	per Cwt	5152.95	783,248.40
	<b>iii)Second Floor</b>				
	a) Grade 40	145.00	per Cwt	5122.70	742,791.50
	b) Grade 60	203.00	per Cwt	5304.20	1,076,752.60
	<b>iv)O.H Water Tank</b>				
	a) Grade 40	18.24	per Cwt	5273.95	96,196.85
	b) Grade 60	6.88	per Cwt	5455.45	37,533.50
	<b>Item 8(a) page-17 + Item 29 page 19</b>				
	<b>TOTAL</b>				<b>4,059,725.49</b>
	<b>% BELOW/ABOVE ON SCHEDULE RATES</b>				
	<b>TOTAL FOR SCHEDULE ITEMS</b>				

S.No	DESCRIPTION	QTY.	UNIT	RATE(RS)	AMOUNT(RS)
<b>Item-22</b>	<b>REINFORCED CEMENT CONCRETE</b>				
	Reinforced cement concrete ( 1:1-1/2:3 ) using sulphate resistant cement type (v) or more rich to provide 6"x12" cylinder strength of 4000 psi at 28 days age (equivalent cube strength = 4500 psi) including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing exposed surface including screening and washing of stone aggregate.				
	<b>i) Ground Floor</b>				
	a) Columns	1,390	per cft	349.00	485,110.00
	b) Beams	69	per cft	349.00	24,081.00
	c) Slabs	195	per cft	349.00	68,055.00
	d) Arch	543	per cft	349.00	189,507.00
	<b>Item 6(a)(I) Page-17</b>				
	<b>i) First Floor</b>				
	a) Columns	1,718	per cft	361.10	620,369.80
	b) Arch	334	per cft	361.10	120,607.40
	<b>Item 6(a)(II) Page-17</b>				
	<b>ii) Second Floor</b>				
	a) Columns	1,102	per cft	373.20	411,266.40
	b) Arch	1,752	per cft	373.20	653,846.40
	c) Slabs	195	per cft	373.20	72,774.00
	f) Parapet	2,226	per cft	373.20	830,743.20
	<b>Item 6(a)(II) Page-17</b>				
	<b>iv) O.H Water Tank</b>				
	a) Bottom Slab	197.25	per cft	385.30	76,000.43
	b) Walls	236	per cft	385.30	90,930.80
	c) Top Slab	132	per cft	385.30	50,859.60
	<b>Item 6(a)(II) Page-17</b>				
	<b>PVC water stopper</b>				
	Providing "Expansion Joint" in concrete work of 9" wide corrugated pvc water stopper (with bulb) i.e soldering cost of material and labour etc complete.	44	rft	463.00	20,372.00
	<b>Item b(2) Page-56</b>				
	<b>TOTAL</b>				<b>3,714,523.03</b>
	<b>At par</b>				-
	<b>TOTAL FOR SCHEDULE ITEMS</b>				



**WOMEN UNIVERSITY AT SUKKUR**

**CARTAGE OF MATERIAL AND ESCALATION (AS PER BASIC SCHEDULE OF RATES - 2012)**

**CONSTRUCTION OF MAIN GATE (Above plinth)**

**A - CONSUMPTION OF MATERIAL.**

	QUANTITY	UNIT	CEMENT	SAND	BAJRI	STONE	BRICKS	STEEL
C.C. 1:4:8	0.00	CFT	0.00	0.00		1,717.00		
R.C.C. 1:2:4	0.00	CFT	0.00	0.00	0.00			
C.C. 1:3:6	0.00	CFT	0.00	0.00	0.00			
R.C.C. 1:1-1/2:3	10089.25	CFT	1,776.00					
BRICK WORKS (1:6)	2104.83	CFT	117.00	541.00			28,415.21	
BRICK WORKS (1:4)	70.07	CFT	5.00	18.00			945.95	
3/8" C.P (1:6)	12107.00	SFT	112.41	319.62				
1/2" C.P (1:4)	8066.00	SFT	50.01	484.00				
STEEL	792.12	CWT						792.12
			<b>2060.42</b>	<b>1362.62</b>	<b>0.00</b>	<b>1717.00</b>	<b>29361.15</b>	<b>792.12</b>

**B - CARTAGE OF MATERIAL**

CEMENT	2060.42	BAG @	160.29	PER BAG	330,265
SAND	1362.62	CFT. @	6001.11	PER % CFT	81,773
BAJRI / CRUSH	0.00	CFT. @	4679.79	PER % CFT	-
STONE	1717.00	CFT. @	4290.00	PER % CFT	73,659
BRICKS	29361.15	NOS. @	1112.49	PER % o NOS.	3,266
STEEL	792.12	cwt @	33.11	PER CWT	26,227
			<b>TOTAL</b>		<b>515,191</b>

**C. DIFFERENCE OF COST OF MATERIAL**

Difference Cost of S.R Cement	2060.42	BAG @	10.00	Per Bag	20,604
			<b>TOTAL:</b>		<b>20,604</b>

**Note: All rates have been adopted from "BASIC SCHEDULE OF RATES - 2012"**

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CONSULTANT



**WOMEN UNIVERSITY AT SUKKUR**

**CARTAGE OF MATERIAL AND ESCALATION (AS PER BASIC SCHEDULE OF RATES - 2011)**

**CONSTRUCTION OF MAIN GATE (Upto plinth)**

**A - CONSUMPTION OF MATERIAL.**

	QUANTITY	UNIT	CEMENT	SAND	BAJRI	STONE	BRICKS	STEEL
C.C. 1:4:8	1155.00	CFT	111.00	554.00		1,108.80		
R.C.C. 1:2:4	3100.00	CFT	546.00	1,364.00	2,728.00			
C.C. 1:3:6	72.00	CFT	9.00	32.00	66.24			
R.C.C. 1:1-1/2:3	822.00	CFT	173.00	337.00	690.48			
BRICK WORKS (1:6)	308.00	CFT	17.00	79.00			4,158.00	
BRICK WORKS (1:4)	0.00	CFT	0.00	0.00			0.00	
3/8" C.P (1:6)	0.00	SFT	0.00	0.00				
1/2" C.P (1:4)	206.00	SFT	1.28	12.00				
STEEL	327.00	CWT						327.00
			<b>857.28</b>	<b>2378.00</b>	<b>3484.72</b>	<b>1108.80</b>	<b>4158.00</b>	<b>327.00</b>

**B - CARTAGE OF MATERIAL**

CEMENT	857.28	BAG @	15633.00	PER BAG	134,018
SAND	2378.00	CFT. @	7008.6	PER % CFT	166,665
BAJRI / CRUSH	3484.72	CFT. @	1065	PER % CFT	37,112
STONE	1108.80	CFT. @	1426.00	PER % CFT	15,811
BRICKS	4158.00	NOS. @	617.56	PER % o NOS.	257
STEEL	327.00	cwt @	1065.00	PER CWT	348,255
			<b>TOTAL</b>		<b>702,118</b>

**C. DIFFERENCE OF COST OF MATERIAL**

Difference Cost of S.R Cement	857.28	BAG @	10.00	Per Bag	8,572.77
			<b>TOTAL:</b>		<b>8,572.77</b>

**Note: All rates have been adopted from "BASIC SCHEDULE OF RATES - 2011"**

CONSULTANT

**CONSTRUCTION OF MAIN GATE OF WOMEN UNIVERSITY AT SUKKUR**  
**SUMMARY OF COST FOR ELECTRICAL WORKS**

S. No.	Description	Total Amount (Rs.)
1.	<i>Schedule Items</i>	Rs. <input type="text"/>
2.	<i>Non Schedule</i>	Rs. <input type="text"/>
<b>TOTAL</b>		<input type="text"/>

**WOMEN UNIVERSITY  
AT  
SUKKUR  
BILL OF QUANTITY FOR MAIN GATE**

**Section "A" Internal Electrification**

S.No.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
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Note: All items are based on Schedule Rates

S/R

1.	Wiring for light or fan point with 3/0.29 PVC insulated wire 20mm dia (3/4") PVC conduit recessed in wall or column as required. (SI # 124,Page # 15)	60	Point	1,130.00	67,800.00
2.	Wiring for plug point with 2-1.5mm <sup>2</sup> S/C, PVC insulated cable in 20mm dia (3/4") PVC conduit recessed in the wall or column as required.(SI # 126 Page # 15)	11	Poit	335.00	3,685.00
3.	Wiring for mains with 2-7/0.29 S/C, PVC insulated cable in 20mm dia (3/4") PVC conduit recessed in the wall or as required. (Lighting Circuit) ( SI # 10 Page # 02) ( Approx length)	402	MTR	222.00	89,244.00
4.	Wiring for mains with 2-4mm <sup>2</sup> S/C, PVC insulated cable in 25mm (1") dia PVC conduit recessed in the wall or as required.(Power Circuit) ( SI # 11 Page # 02) ( Approx length)	228	MTR	252.00	57,456.00
5	Providing & fixing of one way, S.P., 5A, flush type switch on a given prepard board. (SI#29 Page#33)	32	Nos.	54.40	1,740.80
6	Providing and fixing of flush type, 2/3 pin, 5 Amps, S.P., plug socket, switch and shoe unit on a given prepared board. (SI # 225 Page # 33)	11	Nos.	151.00	1,661.00
7	Providing, fixing and connecting of flush type, 3 pin, 15A, S.P., plug socket, switch and shoe unit on a given prepared board. (SI # 227 Page # 33)	8	Nos.	162.00	1,296.00
8	Providing and laying (Main or Sub Main) Pvc insulated pvc insulated with 4core copper conductor 300/500 Volts size 10mm <sup>2</sup> (S.I #101,Page # 12)	80	MTR	742.00	59,360.00
9	Providing and laying (Main or Sub Main) Pvc insulated pvc insulated copper conductor 300/500 Volts size 2-6mm pvc (S.I #101,Page # 12)	160	MTR	742.00	118,720.00
10	Providing and Fixing circuit Breaker 10,15 and 20Amp sing pole SP(TB 5S) on Prepared Board as required (S.I#203,Page# 31)	33	No	916.00	30,228.00
11	Providing and Fixing circuit Breaker 10,15 and 30Amp TP (XS 30Nos) (NBI) on Prepared Board as required (S.I#205,Page# 31)	8	No	5,301.00	42,408.00
12	Providing and Fixing circuit Breaker 10,15 and 30Amp TP (XS 100Nos) (NBI) on Prepared Board (S.I # 205,Page # 31)	1	No	9,261.00	9,261.00

13	Providing and Fixing Ampere Meters 96x96mm Direct-15+0+ 100A as required & as per instructions of Engineer Incharge.(S.I#284,Page# 41)	1	No	1,054.00	1,054.00
14	Providing and Fixing Vall- Metes 96x96mm 500Volts as required & as per instructions of Engineer Incharge.(S.I#288,Page# 41)	1	No	999.00	999.00
15	Providing and Fixing Circuit Transformer Rating 100/5 Amp (Round) RLC -30 asVall- Metes 96x96mm 500Volts as required.(S.I#270,Page# 39)	3	No	1,191.00	3,573.00

**Note:**

For any Variation arising between the above stated BOQ items and its respective Schedule Rate items (as per Government of Sindh), the same is to be adjusted accordingly in the "Premium on Schedule Rate".

<b>COST OF SECTION "A"</b>	(Rs.)	<b>488,485.80</b>
<b>PREMIUM ON SCHEDULE RATE %</b>	(Rs.)	
<b>TOTAL COST OF SECTION "A"</b>	(Rs.)	

**NON SCHEDULE**

**Section "B" Light Fittings & Fixtures**

S.No.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1.	Providing, installing, fixing and connecting of following light fixtures with lamps, chokes, starters, capacitors etc., complete with all internal connections and all fixing and mounting accessories. Jobs includes rod and wiring as given in drawing.				
1	Philips make or equivalent light fitting TMS-120 with LED light, complete in respect with all accessories.	2	Nos.		
2	Philips make 1xLED fluorescent mirror light type TMS-140, complete in respect with all accessories.	1	Nos.		
3	Philips make or equivalent Downlighter with 12W LED lamp, complete in respect with all accessories.	23	Nos.		
4	Philips make or equivalent UP LGHTER 1x18w LED fluorescent light type, complete in respect with all accessories.	9	Nos.		
5	Ceiling spot light with 1x11W CFL lamp, complete in respect with all accessories.	16	Nos.		
6	Philips make or equivalent bracket light with 1x100 LED Flood lamp, complete in respect with all accessories.	3	Nos.		
7	Philips make or equivalent light with Bulk Head light 1x20 W, complete in respect with all accessories.	3	Nos.		
8	Providing, installing and connecting of Ceiling Fan 56" sweep Fan.	3	Nos.		
9	Providing and fixing Bracket Fan 18" Sweep	3	Nos.		

10	Millat make or equivalent 12" sweep exhaust fan, complete with capacitors including making of hole in wall to accommodate the fan & repairing good the damages.	2	Nos.		
<b>TOTAL COST OF SECTION "B"</b>				(Rs.)	
<b>NON SCHEDULE</b>					
<b>Section "D" Earthing</b>					
1.	Providing, making and testing of earth points with 2' x 2' x 1/8" thick copper plate buried 5 meter deep or to the depth of permanent water level whichever is less covered with charcoal and lime in specified ratio confirming to specification and drawing.	2	Job		
2.	Providing, drawing, connecting & testing of 2-50mm <sup>2</sup> bare copper conductor as earthing leads in 32mm dia G.I. pipe burried in ground or connected in R.C.C. or masonry as requiried from Panel Board to the earth plate including making of 18"x18" cement concrete chamber duly plastered and cover with R.C.C. Slab, including, providing & fixing of plug for watering, complete with all accessories and fasteners and as per drawing & specifications.	2	Job		
3.	Providing, fixing and connecting of 200 x 200 x 5 mm thick copper earth terminal blocks.	1	Job		
4.	Providing and fixing of PVC insulated copper wire 2.5mm <sup>2</sup> as Earth Continuity Conductor (ECC) with any given mains or sub-mains in all system of wiring including metallic electrical accessories.	200	Rft.		
<b>TOTAL COST OF SECTION "D"</b>				(Rs.)	
<b>Section "E" Telephone System</b>					
<b>S.No.</b>	<b>ITEM DESCRIPTION</b>	<b>QTY.</b>	<b>UNIT</b>		
1.	Providing, installing and connecting of one pin telephone socket outlet with back box recessed on wall complete with all accessories.	4	Nos.		
2.	Providing & wiring of telephone outlets with 1-4 pair Cat-6 telephone wire in 25mm dia, rigid PVC conduit concealed in R.C.C. or masonry as required, complete in all respects with all accessories.	300	Nos.		
3.	Providing, installing and connecting and testing of the following size approved telephone junction box up of 18 SWG sheet steel, with hinged door cover with locking arrangement, with inner lining of 12mm thick teak wood. Complete in all respects.				
	a) 10 pair TJB on Ground Floor.	1	No.		

4.	Providing, installing and connecting of following multi-core, telephone cable in 25mm dia in rigid PVC conduit / G.I. pipe concealed in R.C.C. or masonry or buried in ground as per required, complete in all respects with all accessories.				
	a) 10 pair Multicore cable (approximately Length)	100	Rft.		
	<b>TOTAL COST OF SECTION "E"</b>		<b>(Rs.)</b>		

**WOMEN UNIVERSITY, SUKKUR**  
**SUKKUR**  
**BILL OF QUANTITY FOR MAIN GATE**  
**(Architectural Non Schedule Items)**

Sr. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	<b><u>Hydraulic Door Closer</u></b>				
	Providing and fixing Japan made locally available New Star Japan made hydraulic door closer to wood or aluminium door etc., complete as per drawings, specifications and as directed by the Engineer	4	Nos.		
2	<b><u>THERMOPORE SHEET</u></b>				
	Providing and fixing thermopore sheet 2" thick around water tank walls for heat insulation.	404	per sft		
<b>Total</b>					

**WOMEN UNIVERSITY**  
**AT**  
**SUKKUR**  
**BILL OF QUANTITY FOR MAIN GATE**  
**(Plumbing Works)**

S. No.	DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
	<b>PLUMBING WORKS - SANITARY ITEMS. (SCHEDULE ITEMS)</b>				
1	Providing & fixing a squatting type white glazed earthenware W.C. pan with including the cost of flushing Cistern with internal fittings and flush pipe with bends & making requisite number of holes in wall, plinth and floor for pipe connection and making good in cement concrete 1:2:4.				
	a). With 4" dia white glazed earthen ware trap & plastic thumble (item no. 1A, chapter-1)	1	Each	5,044.60	5,044.60
2	Providing & fixing European type white glazed earthenware wash down W.C. pan complete with and including the cost of white/black-plastic seat (Best quality) and lid with C.P. brass hinges and buffers, 3 gallons white glazed earthenware low level flushing cistern with siphon fittings, 1-1/2" dia. white procelain enamelled flush bend, 3/4" dia and making requisite No. of holes in walls, plinth & floor for pipe conetion and making good in cement concrete 1:2:4 (Foreign quality) (item No.5, chapter-1)		Each	11,477.40	-
3	Providing & fixing 24" x 18" lavatory basin in white glazed earthenware complete with and including the cost of W.I. Or C.I. Cantilever bracket 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia chrome plated pillar taps, 1-1/2" dia rubber plug and chrome plated brass chain, 1-1/4" dia malleable iron or brass, brass unions making requisite number of hole in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4, standard pattern including earthen ware glazed padestal (Item No.8, chapter-1)	1	Each	4,253.70	4,253.70
4	supplying / Fixing Wash basin mixer of superior quality with C.P. Head 1/2 inch Dia. (Item No. 14-(b), Chapter No.6).	0	Each	3,179.00	-
5	Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1 1/2" rubber plug chrome plated brass chain 1-1/2" c.p. brass waste, with 1-1/2" PVC waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in concrete 1:2:4 40"x20" local make (item No. 19a, chapter-1)	1	Each	5,052.30	5,052.30
6	Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1 1/2" rubber plug chrome plated brass chain 1-1/2" c.p. brass waste, with 1-1/2" PVC waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in concrete 1:2:4, size 38"x18" local make (item No. 19b, chapter-1)		Each	5,162.30	-



S. No.	DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
7	supplying / Fixing Wash Sink mixer cock of superior quality with C.P. Heads etc. complete. (Item No. 17, Chapter No.6).		Each	2,745.00	-
8	Providing and fixing c.p. brass toilet paper holder of standard size with chrome plated brass brackets complete (superior quality) (item No.2b, chapter-2)	1	Each	1,071.40	1,071.40
9	Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p. brass screws.				
	1). Towel rail 24' long ,3/4" dia round or square superior quality (item No.1- III(b), chapter-2).	1	Each	1,082.95	1,082.95
10	Providing & fixing 24" x 18" bavelled edge mirror of Belgium glass complete with 1/8" thick hardboard and c.p brass screw fixed to wooden pleat with glass shelves.				
	b) Superior quality (item No.3(b)chapter-2).	1	Each	2,376.00	2,376.00
11	Providing & fixing soap tray earthen with c.p. brass screws etc. complete (item No.5, chapter -2)	2	Each	497.20	994.40
	Supplying & fixing long bib cock of superior quality with C.P. head 1/2 Inch dia. (Item No. 2(1),b, chapter-6).	2	Each	1,109.46	2,218.92
12	Supplying & fixing swan type pillar cock of superior quality single C.P. Head 1/2 inch dia. . (Item No. 16 (a), Chapter -6).	2	Each	795.30	1,590.60
13	Supplying & fixing in position 1/2" dia tee stop of superior quality with C.P. head (item No.12b, chapter-6).	3	Each	889.46	2,668.38
14	Supplying and fixing of CP Muslim shower with double bib cock and ring pipe etc complete. Item 19 (a), chapter-6.	1	Each	3,432.00	3,432.00
	<b>TOTAL COST OF SANITARY ITEMS (SCHEDULED ITEMS)</b>			<b>Rs.</b>	<b>29,785.25</b>
	<b>% BELOW/ABOVE</b>			<b>Rs.</b>	
	<b>TOTAL COST OF SANITARY ITEMS ( SCHEDULED ITEMS ) CARRIED TO SUMMARY.</b>			<b>RS.</b>	
	<b>PLUMBING WORKS- PIPING - (SCHEDULED ITEMS).</b>				
1	Providing & fixing 6"x2" or 6"x3" C.I. Floor trap of approved self cleaning design with a C.I. Screwed down grating with or without a vent arm complete with and i/c, making requisite No. of holes in walls, plinth and floor for making pipe connection and making good in cement concrete 1:2:4 (item No. 20,chapter 1).	2	Each	2,042.43	4,084.86
2	Providing & fixing Handle valves (China) Item No. 5 Chapter-6.				
	i) 1/2" Dia		Each	591.30	-
	ii) 3/4" Dia	2	Each	271.92	543.84
	iii) 1" Dia (25mm)		Each	365.42	-
	iv) 1-1/4" Dia (32mm)		Each	475.42	-
	v) 1-1/2" Dia (40 mm)		Each	640.92	-
	vi) 2" Dia (50 mm)		Each	1,382.92	-
	vii) 2-1/2 Dia, (63mm) gate valve "Make Anwar" item No. 4 (A) B- (B-vii), Chapter-6.		Each	1,225.84	-

S. No.	DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
3	Providing G.I. Pipes, specials and clamps etc. i/c fixing, cutting and fitting complete with and including the cost of breaking through walls and roof, Making good etc. painting 2- coats after cleaning the pipes etc. with white zinc paint with pigment to match the colour of the building. Testing with water to a pressure head of 200 feet and handling. Item No.1, (Chapter-4).				
	i) 1/2" Dia	10	P.Rft.	591.30	5,913.00
	ii) 3/4" Dia	220	P.Rft.	271.92	59,822.40
	iii) 1" Dia	10	P.Rft.	365.42	3,654.20
	iv) 1-1/4" Dia	0	P.Rft.	475.42	-
	v) 1-1/2" Dia	0	P.Rft.	188.97	-
	vi) 2" Dia	0	P.Rft.	233.00	-
	vii) 2-1/2" Dia	0	P.Rft.	310.47	-
	viii) 3" Dia ( For Rain water disposal)	150	P.Rft.	360.40	54,060.00
4	Providing & fixing Dia 4 inch C.I. soil and vent pipe including cutting, fitting and extra painting to match the color of building. (Item No. 1, Chapter-3).	10	P.Rft.	333.29	3,332.90
5	Providing & fixing Dia 3 inch C.I. waste and vent pipe including cutting, fitting and extra painting to match the color of building. (Item No. 13, Chapter-3).	10	P.Rft.	289.25	2,892.50
6	Providing & fixing M.S. Clamps of approved design to Dia 4 inch C.I. Soil pipe sockets including the cost of cutting and making good to wall or M.S. Bolts and nuts, 4 inch into wall including pipe distance pieces extra painting to match the color of building. (Item No. 2, Chapter-3).	10	Each	289.25	2,892.50
7	Providing & fixing M.S. Clamps of approved design to Dia 3 inch C.I. Waste and vent pipe sockets including the cost of cutting and making good to wall or M.S. Bolts and nuts, 4 inch into wall including pipe distance pieces extra painting to match the color of building. (Item No. 14, Chapter-3).	10	Each	264.00	2,640.00
8	Providing & fixing Dia 4 inch C.I. Fittings including extra painting to match the color of the building.				
	a) Plain bends of required degree (Item No. 10, Chapter-3).	2	Each	566.70	1,133.40
	b) Providing and fixing 4"x4"x4" Dia plain C.I. branch of the required degree including extra painting to match color of the building. (Item No. 7, Chapter-3).	1	Each	704.20	704.20
	c) Providing and fixing 4"x4" Dia plain C.I. branch of the required degree with access door, rubber washer 3/8" thick, bolts and nuts including extra painting to match color of the building. (Item No. 3, Chapter-3).	2	Each	702.00	1,404.00
	d) Providing and fixing Lead caulking joints 3" Dia C.I. Pipes and fittings.	25	Each	702.00	17,550.00
9	Providing & fixing Dia 3 inch C.I. Fittings including extra painting to match the color of the building.				
	a) Plain bends of required degree (Item No. 19, Chapter-3).	2	Each	201.50	403.00
	b) Providing and fixing 3"x3"x3" Dia plain C.I. branch of the required degree including extra painting to match color of the building. (Item No. 17, Chapter-3).	1	Each	585.30	585.30
	c) Providing and fixing 3"x3" Dia plain C.I. branch of the required degree with access door, rubber washer 3/8" thick, bolts and nuts including extra painting to match color of the building. (Item No. 16, Chapter-3).	1	Each	591.30	591.30
	d) Providing and fixing Lead caulking joints 3" Dia C.I. Pipes and fittings. (Item No. 24, Chapter-3).	25	Each	315.36	7,884.00
	<b>TOTAL COST OF SCHEDULE ITEMS. (PIPING)</b>			<b>Rs.</b>	<b>170,091.40</b>
	<b>% BELOW/ABOVE</b>			<b>Rs.</b>	
	<b>TOTAL COST OF SCHEDULE ITEMS CARRIED TO SUMMARY</b>			<b>Rs.</b>	

S. No.	DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
	<b>EXTERNAL WORKS- DRAINAGE SYSTEM</b>				
	<b>(SCHEDULED ITEMS).</b>				
1	Excavation in pipe line in trenches and pits in hard soil.	0.5	%o Cft	3,900.00	1,950.00
2	Excavation in pipe line in trenches and pits in gravity soil.	0	%o Cft	4,200.00	-
3	Providing and laying R.C.C. pipe class 'B' with collar.\				
	Construction of small wheel Valve chambers, Clear inside size 18"x18"x18" (457x457x457 mm) with valve of 9" (229mm) thick of B.B. in cement Mortar 1:3/4 inch thick cement concrete 1:3:6 cement plaster 1/2 inch. Thick 1:3 inside i/c supplying and fixing C.I. light weight manhole cover with frame and locking arrangement of 18"x18" (457x457 mm) clear opening etc. complete.	1	Each	4,103.00	4,103.00
	Providing and laying and jointing of PVC pipe Class "B" with collar and solvent joints. (from manhole to manhole). Make "DADEX or Eq.				
4	i) Dia 150 mm (6 Inches)	50	Each	72.40	3,620.00
	ii) Dia 200 mm. (8 Inches).	0	Each	115.20	-
	Construction manhole or inspection chamber for the required dia of circular sewer of 3'-6" depth with walls of B.B. in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls and 1" thick over benching and channels including fixing C.I. manhole cover with frame of clear opening 1-1/2" x 1-1/2" of 1.75 Cwt embedded in plain C.C. 1:2:4 and fixing 1" dia M.S. steps 6" wide projecting 4" from the face of wall at 1" C/C duly painted etc. complete as per specification and drawing No. D-P/1 of Public Health Circle, Southern Zone.				
	Item P (a) Chapter-II,-P2, Part-B.				
	Internal dia of Sewer 4" to 6".				
	internal dia of Chamber 2'-0" x 2'-0"	1	Each	14,748.00	14,748.00
5	Construction of Gully traps of 12"x12" internal size and required depth of max 18" with walls of in cement mortar 1:3 and 1:3 cement plastered 1/2" thick inside of walls including fixing of C.I. Cover and frame.	1	Each	1,358.17	1,358.17
	<b>TOTAL COST OF EXTERNAL WORKS (SCHEDULE ITEMS) CARRIED TO SUMMARY</b>			<b>Rs.</b>	<b>25,779.17</b>
	<b>% BELOW/ABOVE</b>			<b>Rs.</b>	
	<b>TOTAL COST OF EXTERNAL WORKS (SCHEDULE ITEMS) CARRIED TO SUMMARY</b>			<b>Rs.</b>	

S. No.	DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
<b>PLUMBING WORKS (NON SCHEDULE ITEMS)</b>					
1	Providing & fixing plastic shelf with rawl plug and 1" long C.P. brass screws. (Master make).	0	Each		
2	Providing and fixing C.I. Cleanouts with sunk type C.P. brass screw caps including cost of making requisite number of hole in walls, plinth and floor for pipe connection and restoring damaged surfaces to original condition.				
	a) 3" dia.	0	Each		
	b) 4" dia	0	Each		
3	Providing and fixing 24 SWG C.P copper connection 18" x 3/8" with two C.P. brass nuts, etc., complete (Asia code No. 329)	0	Each		
4	Providing and installing of c.p. bottle trap as manufactured by Master /Asia	2	Each		
5	Providing and installation of water cooler, MAKE-"ICEBERG" or Eq. Capacity-20 Gallons.	1	Each		
6	Providing & fixing of Dia 4 inches C.I. domical/ angle drain and grating for dia 3 inches G.I. pipe on roof for rain water disposal. Similar to make "JAWS" Lahore or approved equivalent	3	Each		
7	Providing & fixing Dia 3 inches C.I. Goose neck Air vent on overhead and under ground water tanks	0	Each		
8	Providing & fixing Electric operated geysers, Capacity 6-Gallaons, 1.5 kW.	0	Each		
9	Providing & fixing Dia 3 inch cast iron vent cowls.	0	Each		
	Providing & fixing Float valve, best quality heavy duty type, provided with Dia 6 inches (150 mm) copper ball and heavy duty Bronze float arm. Valve should provide tight shut off at full closed position. As per approval of engineer inchargs.				
10	i) Dia 2 inches.	2	Each		
<b>TOTAL COST OF NON-SCHEDULE ITEMS.</b>				<b>Rs.</b>	
<b>TOTAL COST OF NON-SCHEDULE ITEMS CARRIED TO SUMMARY</b>				<b>Rs.</b>	-
<b>SUMMARY OF COST, SCHEDULED AND NON-SCHEDULED ITEMS</b>				<b>Rs.</b>	

**WOMEN UNIVERSITY, SUKKUR**  
**BILL OF QUANTITY FOR MAIN GATE**  
**(External Development)**

Sr. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
	<b>EARTH WORK</b>				
1	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to outside limits designated places Volume-III (PART-VI) Item No.1 Page No.1	9,122.00	%Sft	97.07	8,854.73
2	Compaction of Natural Ground upto a depth of 20cm(8"inch) below the natural ground level compacted upto 90% density modified AASHTO. Volume-III (PART-VI) Item No.2 Page No.1	9,122.00	%Sft	177.56	16,197.02
	<b>SUB-BASE</b>				
3	Preparing sub grade including earth excavation or filling to an average depth of 9" dressing to camber and consolidation with power roller. Volume-III (PART-VI) Item No.9 Page No.2	8,690.00	%Sft	526.28	45,733.73
4	Preparing Sub-Base by supplying and spreading well graded pit or bed run gravel having a liquid limit not greater than 25 and plasticity index not greater than 6 in proper camber and grade including watering, rolling and compacting in layers, thickness of each compacting layer not exceeding 6" compacted upto 98-100% density as per modified AASHTO density. Volume-III (PART-VI) Item No.4 Page No.4	4,345.00	%Cft	3341.71	145,197.30
5	Providing and laying Aggregate base course in proper grade and camber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical means (Motor grader, Vibratory roller and smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall 100 percent to the max dry density.	8,690.00	%Sft	526.38	45,742.42
	<b>Chapter 1, page 4, item No. 18-b</b>				
6	Excavation in foundation of building, bridges and other structures including debelling dressing refilling around structure with excavated earth water and ramming lead upto 5 ft. b) in ordinary soil	960.25	cft.	3.17	3,043.99
	<b>Chapter 1, page 4, item 22</b>				
6	Filling, watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5 feet	3,566.00	cft.	3.63	12,944.58
	<b>Chapter 4, page 16, item 5</b>				
7	Cement concrete plain including placing compacting, finish and curing, complete (including screening and washing of stone aggregate without shuttering  i) 1:4:8 under floor and in foundation	484.69	cft.	112.88	54,711.81
	<b>Chapter 5, page 20, item 4 (i) (e)</b>				
8	Pacca brick work in foundation and plinth in cement sand mortar including curing complete (e) 1:6 <b>Sand Filling, Chapter 5, Page 26, item 29</b>	1,060.00	cft.	119.48	126,648.80

Sr. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
9	Sand filling under floor foot path /plinth protection and where required including laying, levelling, dressing compacting and complete a) under Plinth Protection and floor <b>Paving Blocks, Chapter 8, page 49, item 72</b>	1,276.42	cft.	11.41	14,563.95
10	Providing and fixing cement paving blocks flooring having size of 197x97x60 (mm) of city/qudda/cobble shape with pigment and having strenght b/w 5000 psi to 8500 psi filling the joints with hill sand and laying specified manner /pattern and design etc. (over 2" sand cushion, complete <b>Brick Masonry works in super structure (above plinth level) Chapter No.5, Page No. 21</b>	5,105.69	sft.	223.97	1,143,521.39
11	Providing and laying approved first class burnt brick masonry in super structure walls at any height and any floor, laid and jointed with cement and approved source sand machine mixed mortar, masonry to be laid in course true to line, level and plumbing, protected and properly cured including scaffolding and providing deep joints to receive rendering. All work to be completed as per drawings and specifications, including P/F specified anchorage with concrete members and directed by the Engineer <b>Internal Walls</b> <u>Ground Floor (Item No. 5, (i e) &amp; 6 ii (where required)</u> <b>Plain Cement Sand Wall Plastering, Chapter No.9, Page 52</b>	236.00	cft.	126.74	29,910.64
12	Providing and applying 3/4" thick plaster at any floor or at any height using approved quality sand preferably machine mixed mortar, including all bends, corners, recesses including scaffolding and hacking the concrete surfaces, arching the masonry joints and providing 8" wide GI wire mesh of 17 SWG 1"x1" size fixed with GI staples on masonry joints, concrete joints. All plaster to be finishes smooth with steel float in true to level, line and plumb and properly cured, complete as per drawings, specifications and as directed by the Engineer. <b>Ground Floor Item No. 11 (c)</b> External Surfaces 1/2" thick 1:4 CSM on planter wall and top walls/up stand/down stand beam <b>TURFING LAWNS:-</b>	545.00	%sft.	2,283.93	12,447.42
13	Providing and grassing by dibbing grass roots 3" apart and watering and weeding till such that the grass is well set and becomes green and is fit for moving. <b>Page 5, item No. 27</b> <b>SUPPLYING OF MANURE:-</b>	5,105.69	% sft	1210	61,779
14	Providing and Supplying of approved natural manure. <b>Page 104, item No. 44</b>	1,276.42	Per Cart	298.12	10,872
	<b>Sub Total</b>				<b>1,470,443.63</b>
	<b>AT PAR</b>				
	<b>Total</b>				<b>1,470,443.63</b>

**SCHEDULE- B TO TENDER**

**\*SPECIFIC WORKS DATA**

(To be prepared and incorporated by the Employer)

**Brief Description of Works**

Shown on drawings and in bill of quantities

\*(Note: The Employer shall spell out the information & data required to fill out by the tender and to furnish complementary information).

## SCHEDULE- C TO TENDER

### WORKS TO BE PERFORMED BY SUBCONTRACTORS

The tenderer 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)
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Note:

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



## **SCHEDULE- D TO TENDER**

### **PROPOSED PROGRAMME OF WORKS**

Tenderer shall provide a Programme in a bar-chart showing the sequence of work item by which he proposes to complete the works of the entire Contract. The Programme should indicate the sequences 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 TENDER

### METHOD OF PERFORMING WORKS

The tenderer 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 construction and erectional plant, tools and vehicles proposed to be used in delivering/carrying out Works at Site.
- . The procedure for installation of equipment, transportation of equipment and materials to the site.
- . Organization Chart, indicating Head Office & Field Office personnel involved in management, supervision, and execution of the Works to be done under the Contract.

# **CONDITION OF CONTRACT**

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## CONDITIONS OF CONTRACT

### 1. GENERAL PROVISIONS

#### 1.1 Definitions

In the Contract as defined below, the words and expression 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 "Specification" 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 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 Employer) 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 consent of the Employer) any assignee.
- 1.1.6 "Party" means either the Employer or the Contractor.

##### **Dates, Time and Periods**

- 1.1.7 "Commencement Data" means the date 14 days after the date, the Contract comes into effect or any other date agreed between the Parties.
- 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 7.0), Calculated from the Commencement Date.

## **Money and Payment**

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.

## **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 to the Specification and/or Drawings (if any) 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 organizations. 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 document, 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 Communication**

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

### **1.6 Statutory Obligation**

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 times stated in the Contract Data.

### **2.2 Permits etc.**

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

### **2.3 The Engineer/Employer's Instructions**

The Contractor shall comply with all instruction given 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 REPRESENTATIVE**

#### **3.1 Authorized Person**

One of the Engineer's/Employer's personnel shall have authority to act for him. This authorized person shall be as stated in the Contract Data, or as otherwise notified by the Engineer/Employer to the Contractor from time to time.

#### **3.2 Engineer's/Employer's**

The name and address of Engineer's/Employer's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer's/Employer's, 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 submit to the Employer for consent the name and particulars of the person authorized to receive instructions on behalf of the Contractor.

#### **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 14 days after receipt of Letter of Acceptance a Performance Security in the form of Bank Draft or Bank Guarantee 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 Contractor Data. The Contractor shall promptly submit to the Engineer's/Employer's all designs prepared by him. Within 14 days of receipt the Engineer's/Employer's shall notify the Contractor of any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The Contractor shall not complete any element of the Works designed by him within 14 days after the design has been submitted to the Engineer's/Employer's 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 tendered design and the design under this Clause, both of which shall be used for the intended purposes defined in the Contract and 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) ionizing 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 traveling 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) design 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,
- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, which obstructions or conditions 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 within the Time for Completion.

### **7.2 Programme**

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

### **7.3 Extension of Time**

Subject to Sub-Clause 10.3, the Contractor shall be entitled to an extension to the Time for Completion if he is or will be delayed by any of the Employer's Risks subject to the Contractor's notification of intention without unreasonable delay.

On receipt of an application from the Contractor, the Engineer/Employer shall consider all supporting details provided by the Contractor and the Employer shall extend the Time for Completion as appropriate.

### **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**

The Employer shall notify the Contractor when he considers that the Contractor has completed the works stating the date accordingly. Alternatively, the Employer may notify the Contractor that the Works are not ready for taking over, stating the reasons accordingly.

The Employer shall take over the Works upon the issue of the notice and issue Taking Over Certificate to the Contractor. The Contractor shall promptly complete any outstanding work and, subject to Clause 9, clear the Site.

## **9 REMEYDING DEFECTS**

### **9.1 Remedying Defects**

The Employer may at any time prior to the expiry of the period stated in the Contract Data, notify the Contractor of any defects. The Contractor shall remedy at no cost to the Employer any defects due to the Contractor's design, Materials, Plant or workmanship not in accordance with the Contract.

The cost of remedying defects attributable to any other cause shall be valued as a Variation. Failure to remedy any such defect or complete outstanding work within a reasonable time shall entitle the Employer to carry out all necessary works at the Contractor's Cost.

### **9.2 Uncovering and Testing**

The Engineer/Employer may give instructions to the uncovering and/or testing of any work. Unless as 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-Clause10.2

## **10. VARIATION AND CLAIMS**

### **10.1 Right to Vary**

The employer may instruct Variations.

## **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 that the Contractor's failure to notify results to the Engineer/Employer being unable to keep all relevant records or not taking steps to minimize any delay, disruption, or Cost, or the Value of any Variation, the Contractor's entitlement to extension to 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 with in 14 days of the occurrence of cause.

## **10.5 Variation and Claims Procedure**

The Contractor shall submit to the Engineer/Employer an itemized make-up of the value of variations and claims within 28 days of the instruction or of the event giving rise to the claim. The Engineer/Employers 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**

Payment of the Contract Price shall be made as per provisions in the Contract Data.

### **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,
- 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 28 days of submission of each statement the Engineer shall verify within seven (7) days and the Employer shall pay to the Contractor the sum that the Employer considers is due under Sub-Clause 11.2 less retention at the rate stated in the Contract Data. If the Employer disagrees with any part of the Contractor's statement, he shall specify his reasons for disagreement when making payment. The Employer shall not be bound by any sum previously considered by him to be due to the Contractor.

### **11.4 Retention**

Retention shall be paid by the Employer to the Contractor within 14 days after either the expiry of the period stated in the Contractor Data, or verify and the Engineer shall verify the same within seven (7) days and the Employer together with any documentation reasonably required to enable the employer to ascertain the final contract value.

Within 56 days from the time referred to in Sub-Clause 11.4 above, the Employer shall pay to the Contractor any amount due. If the Employer disagrees with any part of the Contractor's final account, he shall specify his reasons for disagreement when making payment.

## **11.5 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 14 days after receipt of the Employer's notice, the Employer may by a second notice given within a further 21 days, terminate the Contract. The contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Employer instructs in the second notice, is to be used for the completion of the Works.

### **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 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 28 days after the Employer's receipt of the Contractor's notice, the Contractor may by a second notice given within a further 21 days, terminate the Contract. The Contractor shall then demobilize 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 demobilize 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 sum equivalent to 20% of the value of parts of the Works not executed at the date of the termination.
- d) If the Contractor has terminated under Sub-Clause 12.2 or 12.3 Contractor shall be entitled to the cost of his demobilization together with a sum equivalent to 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 28 days of the notice of termination.

### 13. **RISKS AND RESPONSIBILITY**

#### **13.1.1 Contractor's Care of the Works**

The Contractor shall take full responsibility for the care of the Works from the Commencement Date until the date of the Employer's notice 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 demobilize the Contractor's Equipment.

If the event continues for a period of 84 days, either Party may then give notice of termination which shall take effect 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,
- c) less any sums to which the Employer is entitled,

The net balance due shall be paid or repaid within 28 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) to (j) of Employer's Risks. 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 amount due to the Contractor.

## **15. RESOLUTION OF DISPUTERS**

### **15.1 Engineer's Decision**

If a dispute of any kind whatsoever arises between the Employer and the Contractor in connection with the Work, the matter in dispute shall, in the first place, be referred in writing to 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 14 days of receipt of the decision or the expiry of the time for 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 dissatisfactions 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 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 No. X of 1940) and Rules made there under 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.

## CONTRACT DATA

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

### Sub-Clauses of Conditions of Contract

#### 1.1.4 The Employer means

Project Director  
Women University  
Sukkur

#### 1.1.5 The Contractor Means

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1.19 Time for Completion: ( 06- months)

#### 1.20 Engineer

##### Global Engineering Services

Off. No. NE-122/F. St. 7

Chaman Zar Colony

Rawalpindi

#### 1.2 Document forming the Contract listed in the order of priority:

- a) The Contract Agreement
- b) Contact Data
- c) Letter of Acceptance
- d) Conditions of Contract
- e) The Specifications
- f) The Drawings, if any
- g) The Schedule to Tender including Schedule of Prices.
- h) Addendum/Corrigendum, if any

The Employer may add, in order of priority, such other document as form part of the Contract. Delete the document, if not applicable.

2.1 Provision of Site: On the Commencement Date\*

3.1 Authorized Person: \_\_\_\_\_

3.2 Name and address of Engineer's/Employer Representative

\_\_\_\_\_

#### 4.5 Performance Security

\_\_\_10% ( percent)

Validity construction period including defect liability period .

(Form: As provided under Standard Forms\* of these Document by One of the following approved Insurance Companies:

- i) EFU
- ii) Adamjee Insurance
- iii) New Jubilee Insurance
- iv) Or Approved

#### 5.1 Requirements for Contractor's design (if any)

Specification Clause No's  N.A

#### 7.2 Programme:

Time for submission: Within 14 days\* of the Commencement Date

Form of Programme: \_\_\_\_\_

#### 7.3 Amount payable due to failure to complete .0.1% per day upto a maximum of 10% of sum stated in the Letter of Acceptance.

(The amount for delayed completion per day of delay shall be entered by the Employer. The amount for delayed completion for each day of delay in completion of the whole of the Works, or if applicable for any Section thereof, shall be a sum equal to 10% of the likely cost of the Works divided by one fourth of the number of days specified as completion time).

#### 9.1 Period for notifying defects

Six (06) Months

#### 10.2 Variation procedures

Day-work rates plus 32.5 %

#### 11.1 a) Terms of Payments

Payment of Contract Price shall be made in the following manners.

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\*Employer to amend as appropriate

- i) Ten percent (10%) of the value of work done should be held as security deposit in each payment and will be released as detailed below:
  - a) Ninety percent (90%) shall be paid in accordance with Clause 11.2 & of Conditions of Contract (as per measurements)
  - b) Five percent (5%) shall be paid on the date of issuance of Taking Over Certificate as per Clause 8.2 of condition of Contract.
  - c) Five percent (5%) shall be paid in accordance with Clause 11.4 of Conditions of Contract.

**11.1\* (b) Valuation of the Works\*:**

- i) Lump sum price N.A (details)
- ii) Lump sum price with schedules of rates N.A (details)
- iii) Lump sum price with bill of quantities N.A (details)

11.1\* Remeasurement with estimated/tender quantities in the Schedule of Prices applicable (details)

11.1 Cost reimbursable N.A (details)

11.2 Percentage of value of Materials and Plant: N.A

Materials 80%\*

Plant 90%\*

11.4 Percentage of retention: 10% of work done

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 15%

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\*Employer to amend as appropriate

**Type of cover**

Contractor's Equipment

**Amount of cover**

Third party-injury to persons and damage to property  
(The minimum amount third party insurance should be assessed by the Employer and entered)

**Workers**

Rs.50, 000/-each

Other cover\*

Workmen Compensation

(In each case name of insured Contractor and Employer)

**14.2 Amount to be recovered**

Premium Plus 15% ( Fifteen Percent)

**15.3 Arbitration**

Placement of Arbitration: Islamabad

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\*Employer to amend as appropriate

**STANDARD FORMS**

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

Guarantee No. \_\_\_\_\_  
Executed on \_\_\_\_\_

Letter by the Guarantor to the Employer

Name of Guarantor (Bank) with  
Address: \_\_\_\_\_ Name of Principal (Tenderer)  
with  
Address: \_\_\_\_\_  
\_\_\_\_\_ figures): \_\_\_\_\_  
\_\_\_\_\_ Tender reference  
No. \_\_\_\_\_ Date of Tender \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Tender 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 present,

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

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

- (1) that the Tender Security shall remain valid for a period of 28 days beyond the period of validity of the tender;
- (2) that in the event of;
  - (a) the Principal withdraws his Tender during the period of validity of Tender, or
  - (b) the Principal does not accept the correction of his Tender Price, pursuant to Sub-Clause 16.4 of Instructions to Tender, or
  - (c) failure of the successful tenderer to
    - (i) furnish the required Performance Security, in accordance with Claus IT-21 of Instructions to Tenderers , or
    - (ii) sign the proposed Contract Agreement, in accordance with Clause IT-20.2 & 20.3 of Instructions to Tenderers,

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

NOW THEREFORE, if the successful tenderer shall, within the period specified therefor, on the prescribed form presented to him for signature enter into a formal Contract with the said Employer in accordance with his Tender as accepted and furnish within twenty eight (28) days of his being requested to do so, 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 fulfillment of the said Contract or in the event of withdrawal of the said Tender 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 obligation 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.

INWITNESS 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 _____
	_____	3. Title _____
	Corporate Secretary (Seal)	_____
2.	_____	_____
	_____	_____
	(Name, Title & Address) (Seal)	Corporate Guarantor (Seal)



**FORM OF PERFORMANCE SECURITY**  
Insurance Guarantee

Guarantee No. \_\_\_\_\_

Executed on \_\_\_\_\_

Letter by the Guarantor to the Employer

Name of Guarantor (Bank) 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 Tender 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 THE 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 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 modification of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to 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 periods of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, \_\_\_\_\_ (the Guarantor), waiving all objections and defenses 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 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 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. Signature \_\_\_\_\_

1. \_\_\_\_\_

2. Name \_\_\_\_\_

\_\_\_\_\_  
Corporate Secretary (seal)

3. Title \_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Name, Title & Address) (Seal)

\_\_\_\_\_  
Corporate Guarantor (Seal)

## FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the \_\_\_\_\_ day of \_\_\_\_20\_\_\_\_\_ between \_\_\_\_\_ (hereafter called the "Employer") of the one part and \_\_\_\_\_ (hereafter called the "Contractor") the other part.

Whereas the Employer is desirous that certain works, viz \_\_\_\_\_ should be executed by the Contractor and has accepted a Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth follows:

1. In this Agreement words and expression 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 Tenderers shall be deemed to form and be read and construed as part of this Agreement, viz:
  - (a) The letter of Acceptance
  - (b) The Tender
  - (c) Conditions of Contract & Contract Data
  - (d) The Schedule of Prices
  - (e) The Specifications
  - (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 provision of the Contract at the times and in the manner prescribed by the Contract.

INWITNESS WHEREOF the parties hereto have caused this Agreement to be executed the day and year first before written in accordance with their respective laws.

The Common Seal of \_\_\_\_\_ was hereunto affixed in the presence of:

Or  
Signed, Sealed and Delivered by the said \_\_\_\_\_ in the presence of:

Binding Signature of Employer \_\_\_\_\_

Binding Signature of Contractor \_\_\_\_\_



This guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

This guarantee shall expire not later than \_\_\_\_\_ by which date we must have received any claims by registered letter, telegram, telex or telefax.

It is understood that you will return this guarantee us on expiry or after settlement of the total amount to be claimed hereunder.

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