

STANDARD BIDDING DOCUMENTS



GOVERNMENT OF SINDH

SMBB INSTITUTE OF TRAUMA, KARACHI

TENDER REF #: - PROC/SMBBIT/(LAR-02)/2022-23

**CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM
AT EMERGENCY RESPONSE CENTER, LARKANA**

COST OF TENDER DOCUMENTS	RS. 5,000/- (FIVE THOUSAND RUPEES ONLY (NON-REFUNDABLE) IN SHAPE OF PAY ORDER / DEMAND DRAFT IN FAVOR OF SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA
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NOTE:

- 1) All the participants must be signed each & every page of bid documents; else the offer will be rejected.
- 2) No tender will be accepted after closing of the Tender box, what so ever reason may be.

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INSTRUCTIONS TO BIDDERS

A. General

1B.1 Scope of Work

1.1 The Employer as defined below hereinafter called "the Employer" wishes to receive bids for the construction and completion works as described below and summarized referred to as the "Works".

Name and Address of the Employer:

The Employer is "**Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi,**"
Phone: (+9221) 9921-6384

Name of the Project & Summary of the Works:" CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM AT EMERGENCY RESPONSE CENTER LARKANA"

The work involves Construction of Civil, Electrical, and Plumbing and allied Works in accordance with the design, Drawings, Technical Specifications, Bill of Quantities and Instructions of the Employer authorized officer with special emphasis on Quantity and Quality control ethics.

1.2 The successful bidder will be expected to complete the works within the time specified in **Appendix-A to Bid.**

IB.2 Source of Funds

2.1 The Employer has arranged funds from Health Department Govt. of Sindh and it is intended that part of the proceeds of this will be applied to eligible payments under the Contract for which these Bidding Documents are issued.

IB.3 Eligible Bidders

- 3.1** This invitation for Bids is open to all Bidders meeting the following requirements:
- a.** Duly licensed by the Pakistan Engineering Council (PEC) in appropriate category / code and their license should be valid for the current calendar year.
 - b.** Technically and Financially capable firm having adequate managerial capacity.
 - c.** Valid Registration with FBR, SRB and NTN.

IB.4 One Bid per Bidder

4.1 Each bidder shall submit only one bid either by himself, or as a partner in a joint venture. A bidder who submits or participates in more than one bid (other than alternatives pursuant to **Clause IB.16**) will be disqualified.

IB.5 Cost of Bidding

5.1 The bidders shall bear all costs associated with the preparation and submission of their respective bids and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. BIDDING DOCUMENTS

IB.7 Contents of Bidding Documents

7.1 The Bidding Documents, in addition to invitation for bids, are those stated below and should be read in conjunction with any Addenda issued in accordance with **Clause IB.9.**

1. Instructions to Bidders.
2. Bidding Data.
3. General Conditions of Contract, Part-I (GCC).
4. Particular Conditions of Contract, Part-II (PCC).
5. Specifications - Special Provisions.
6. Specifications - Technical Provisions.
7. Form of Bid & Appendices to Bid.
8. Bill of Quantities (Appendix-D to Bid).
9. Form of Bid Security.
10. Form of Contract Agreement.
11. Forms of Performance Security and Mobilization Advance Guarantee/Bond.
12. Drawings.

7.2 The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the Bidder's own risk. Pursuant to **Clause IB.26**, bids which are not substantially responsive to the requirements of the Bidding Documents will be rejected.

IB.8 Clarification of Bidding Documents

8.1 Any prospective bidder requiring any clarification (s) in respect of the Bidding Documents may notify the Employer in writing at the Employer's address indicated in the Invitation for Bids. The Employer will respond to any request for clarification which he receives earlier than (07) Seven days prior to the deadline for submission of bids.

Copies of the Employer's response will be forwarded to all purchasers of the Bidding Documents, including a description of the enquiry but without identifying its source.

IB.9 Amendment of Bidding Documents

9.1 At any time prior to the deadline for submission of bids, the Employer may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by issuing addendum.

9.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to **Sub-Clause 7.1** hereof and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to

- the Employer.
- 9.3 To afford prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may extend the deadline for submission of bids in accordance with **Clause IB.20**

C. PREPARATION OF BIDS

IB.10 Language of Bid

- 10.1 The bid and all correspondence and documents related to the bid exchanged by a bidder and the Employer shall be in the bid language stipulated in the Bidding Data (English) and Particular Conditions of Contract. Supporting documents and printed literature furnished by the bidders may be in any other language provided the same are accompanied by an accurate translation of the relevant parts in the bid language, in which case, for purposes of evaluation of the bid, the translation in bid language shall prevail.

IB.11 Documents Accompanying the Bid

- 11.1 Each bidder shall:

- (a) submit a written power of attorney authorizing the signatory of the bid to act for and on behalf of the bidder;
- (b) update the information indicated and listed in the Bidding Data and previously submitted with the application for prequalification, and continue to meet the minimum criteria set out in the prequalification documents which as a minimum, would include the following:
 - (i) Evidence of access to financial resources along with average annual construction turnover;
 - (ii) Financial predictions for the current year and the two following years including the effect of known commitments;
 - (iii) Work commitments since prequalification;
 - (iv) Current litigation information; and
 - (v) Availability of critical equipment.
- (c) furnish a technical proposal taking into account the various Appendices to Bid specially the following:

Appendix-E to Bid Proposed Construction Schedule **Appendix-F** to Bid Method of Performing the Work **Appendix-G** to Bid List of Major Equipment **Appendix-K** to Bid Organization Chart for Supervisory Staff and other pertinent information such as mobilization programme etc.

- 11.2 Bids submitted by a joint venture of two (2) or more firms shall comply with the following requirements:
- (a) the bid and in case of a successful bid, the Form of Contract Agreement shall be signed so as to be legally binding on all partners;
 - (b) one of the joint venture partners shall be nominated as being in charge; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;
 - (c) the partner-in-charge shall always be duly authorized to deal with the Employer regarding all matters related with and/or incidental to the execution of Works as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;
 - (d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para(b) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid); and
 - (e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partner without prior written consent of the Employer.
- 11.3 Bidders shall also submit proposals of work methods and schedule, in sufficient detail to demonstrate the adequacy of the Bidders' proposals to meet the technical specifications and the completion time referred to in **Sub-Clause 1.2 hereof**.

IB.12 Bid Prices

- 12.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole of the Works as described in **Sub-Clause 1.1** hereof, based on the unit rates and/ or prices submitted by the bidder.
- 12.2 The bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the Employer when executed and shall be deemed covered by rates and prices for other items in the Bill of Quantities.
- 12.3 All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 15 days prior to the deadline for submission of bids shall be included in the rates and prices and the total Bid Price submitted by a bidder.
Additional / reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be reimbursed / deducted as per **Sub-Clause 70.2** of the **General Conditions**

of Contract Part-I.

General **Condition refer to page# 19-A**

- 12.4 The rates and prices quoted by the bidders are subject to adjustment during the performance of the Contract in accordance with the provisions of **Clause 70 of the Conditions of Contract**. The bidders shall furnish the prescribed information for the price adjustment formulae in **Appendix-C to Bid**, and shall submit with their bids such other supporting information as required under the said Clause.

IB.13 Currencies of Bid and Payment

- 13.1 The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. The Employer shall make payment only in Pak Rupees and no foreign currency payments are admissible. A bidder expecting to incur expenditures in other currencies for inputs to the Works supplied from outside the Employer's country shall bear all the costs and risks for arranging the requirements of such currencies through his own resources.

IB.14 Bid Validity

- 14.1 Bids shall remain valid for the **90 Days** after the Date of Bid Opening specified in **Clause IB.23**.
- 14.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing. A bidder may refuse the request without forfeiting his Bid Security. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the extension, and in compliance with **Clause IB.15** in all respects.

IB.15 Bid Security

- 15.1 Each bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bidding Data in Pak Rupees (5% of Bid Price in the form of Pay Order/ Bank Draft).
- 15.2 The Pay order shall be, at the option of the bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favor of the Employer valid for a period 28 days beyond the Bid Validity date.
- 15.3 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.
- 15.4 The bid securities of unsuccessful bidders will be returned as promptly as possible, but not later than 28 days after the expiration of the period of Bid Validity.

15.5 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security and signed the Contract Agreement.

15.6 The Bid Security may be forfeited:

- a) if the bidder withdraws his bid except as provided in **Sub-Clause 22.1**;
- b) if the bidder does not accept the correction of his Bid Price pursuant to **Sub-Clause 27.2** hereof; or
- c) In the case of successful bidder, if he fails within the specified time limit to:
 - i) furnish the required Performance Security; or
 - ii) sign the Contract Agreement.

IB.16 Alternate Proposals by Bidder

16.1 Alternate Proposals by bidder are not invited. Bidder will only quote for the drawings and Design as provided in the Bidding Documents

IB.17 ERRORS, OMISSIONS & QUERIES:

17.2 (a) The bidder shall notify "the Employer" of any inconsistencies, errors and omissions found in the Bid Documents, prior to the Bid Opening Date. Withholding of any such information which will later materially affect the contract price during construction may be considered as sufficient grounds for rejection of the Bid. All queries shall be directed to the Employer.

17.2 (b) The Employer is not responsible for any verbal communications or instructions to the bidders or Acceptable of the Bid Documents.

IB.18 Format and Signing of Bid

18.1 Bidders are particularly directed that the amount entered on the Form of Bid shall be for performing the Contract strictly in accordance with the Bidding Documents.

18.2 All appendices to Bid are to be properly completed and signed and stamped.

18.3 No alteration is to be made in the Form of Bid nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.

18.4 Each bidder shall prepare by filling out the forms completely and without alterations one (1) original and two copies, specified in the Bidding Data, of the documents comprising the bid as described in **Clause IB.7 and** clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.

18.5 The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, Photostats are also acceptable) and shall be signed by a person or persons duly authorized to sign on behalf of the bidder pursuant to **Sub- Clause 11.I(a)** hereof. All pages of the bid shall be initialed and stamped by the person or persons signing the bid.

- 18.6** The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Employer, or as are necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.
- 18.7** Bidders shall indicate in the space provided in the Form of Bid their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent. Bids shall be prepared and submitted on the form of "the Bid "provided. All blank spaces must be filled in and completed form must be without interlineations or literation of the original wording. Bids with incomplete and /or unsigned Form of Bid may be rejected/ considered Non Responsive. The bidder shall stamp and sign each page of Bid Documents for the purpose of identification and acknowledgement of acceptance thereof. The bids must conform in all respects to the Bid Documents.
- 18.8** Bidders should retain a copy of the Bidding Documents as their file copy.

D. SUBMISSION OF BIDS IB.19
Sealing and Marking of Bids

19.1 Each bidder shall submit his bid as under:

- a) **ORIGINAL** and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such.
- b) The envelopes containing the **ORIGINAL** and copies will be put in one sealed envelope and addressed/ identified as given in **Sub- Clause 19.2** hereof.

19.2 The inner and outer envelopes shall:

- a) be addressed to the Employer PHONE: (92-21)9921-6384
- b) bear the name and identification number of the contract as defined in the Bidding Data; and "**CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM AT EMERGENCY RESPONSE CENTRE, LARKANA**"
- c) provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data.

19.3 In addition to the identification required in **Sub- Clause 19.2** hereof, the inner envelope shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared "**late**" pursuant to **Clause IB.21**

19.4 Single Stage- One Envelope Procedure 46(1)

- a) Notice inviting tenders and bidding documents of this method shall contain the following eligibility criteria:
 - i) Relevant experience;
 - ii) Turn-over of at least three years;

- iii) Registration with Income Tax, Sales Tax, SRB and Pakistan Engineering Council (where applicable);
- iv) Any other factor deemed to be relevant by the procuring agency subject to **provision of Rule 44**;
- b) Each bid shall comprise one single envelope containing the financial proposal and required information mentioned at **clause (a) above**;
- c) All bids received shall be opened and evaluated in the manner prescribed in the Notice Inviting Tenders or bidding Document

IB.20 Deadline for Submission of Bids

20.1

- (a) Bids must be received by the Employer at the address specified no later than the time and date stipulated in the Bidding Data.
- (b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims will be entertained for refund of such expenses.
- (c) Where delivery of a bid is by mail and the bidder wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package.
- (d) Upon request, acknowledgment of receipt of bids will be provided to those making delivery in person or by messenger.

20.2 The Employer may, at his discretion, extend the deadline for submission of bids by issuing an amendment in accordance with **Clause IB.9**, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

IB.21 Late Bids

21.1

- a) Any bid received by the Employer after the deadline for submission of bids prescribed in **Clause IB.20** will be returned unopened to such bidder.
- b) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder's responsibility to determine the manner in which timely delivery of his bid will be accomplished either in person, by messenger or by mail.

IB.22 Modification, Substitution and Withdrawal of Bids

22.1 Any bidder may modify, substitute or withdraw his bid after bid submission provided that the modification, substitution or written notice of withdrawal is received by the Employer prior to the deadline for submission of bids.

22.2 The modification, substitution, or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of **Clause**

IB.19 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.

22.3 No bid may be modified by a bidder after the deadline for submission of bids except in accordance **with Sub-Clauses 22.1 and 27.2.**

22.4 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security in pursuance to **Clause IB.15.**

E. BID OPENING AND

EVALUATION IB.23 Bid Opening

23.1 The Employer will open the bids, including withdrawals, substitution and modifications made pursuant to **Clause IB.22**, in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the Bidding Data. The bidders' representatives who are present shall sign a register evidencing their attendance.

23.2 Envelopes marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to **Clause IB.22** shall not be opened.

23.3 The bidder's name, total Bid Price and price of any Alternate Proposal(s), any discounts, bid modifications, substitution and withdrawals, the presence or absence of Bid Security, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening of bids.

23.4 The Employer shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the **Sub-Clause 23.3.**

IB.24 Process to be Confidential

24.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of such bidder's bid.

IB.25 Clarification of Bids

25.1 To assist in the examination, evaluation and comparison of bids, the Employer may, at his discretion, ask any bidder for clarification of his bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the bids in accordance **with Clause IB.28.**

IB.26 Examination of Bids and Determination of Responsiveness

26.1 Prior to the detailed evaluation of bids, the Employer will determine whether each bid is substantially responsive to the requirements of the Bidding Documents.

26.2 A substantially responsive bid is one which (i) meets the eligibility criteria;

(n) has been properly signed; (iii) is accompanied by the required Bid Security; and (iv) conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Works; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the bidder's obligations under the Contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

26.3 If a bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

IB.27 Correction of Errors

27.1 Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:

- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and
- (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the Employer there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.

27.2 The amount stated in the Form of Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected Bid Price, his Bid will be rejected, and the Bid Security shall be forfeited in accordance with **Sub- Clause 15.6(b) hereof.**

IB.28 Evaluation and Comparison of Bids

28.1 The Employer will evaluate and compare only the Bids determined to be substantially responsive in accordance **with Clause IB.26.**

- 28.2 In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:
- (a) making any correction for errors pursuant to **Clause IB.27;**
 - (b) excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities, but including competitively priced Day work; and
 - (c) making an appropriate adjustment for any other acceptable variation or deviation.
- 28.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.
- 28.4 If the Bid of the successful bidder is seriously unbalanced in relation to the Employer's estimate of the cost of work to be performed under the Contract, the Employer may require the bidder to produce detailed price analyses for any or all items of the Bill of Quantities to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the Performance Security set forth in **Clause IB.32** be increased at the expense of the successful bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful bidder under the Contract.

A bid with highly inflated or unworkable rates of any BOQ items may be considered non-conforming and rejected. The Employer may also disqualify such bidder from participating in the subsequent bids who submits such unbalanced and/or unworkable rates of major items of work.

F. AWARD OF CONTRACT

IB.29 Award

- 29.1 Subject to **Clauses IB.30 and IB.34**, the Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be eligible in accordance with the provisions of **Clause IB.3** and qualify pursuant to **Sub-Clause 1B 29.2.**
- 29.2 The Employer, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:
Provided that such qualification shall only be laid down after recording reasons there for in writing. They shall form part of the records of that bid evaluation report.

IB.30 Employer's Right to Accept any Bid and to Reject any or all Bids

- 30.1 Notwithstanding **Clause IB.29**, the Employer reserves the right to accept or reject any Bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation except that the grounds for rejection of all bids shall upon request be communicated to any bidder who submitted a bid, without justification of grounds. Rejection of all bids shall be notified to all bidders promptly.
- 30.2 **Employer reserves the right to add or absolute any BOQ item as required of project.**

IB.31 Notification of Award

- 31.1 Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder in writing ("Letter of Acceptance") that his Bid has been accepted. This letter shall name the sum which the Employer will pay the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the "Contract Price").
- 31.2 No Negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted, however, Employer may have clarification meetings to get clarify any item in the bid evaluation report.
- 31.3 The notification of award and its acceptance by the bidder will constitute the formation of the Contract, binding the Employer and the bidder till signing of the formal Contract Agreement.
- 31.4 Upon furnishing by the successful bidder of a Performance Security, the Employer will promptly notify the other bidders that their Bids have been unsuccessful and return their bid securities.

IB.32 Performance Security

- 32.1 The performance security shall be equal to an amount of 10% of the contract Price stated in the Letter of Acceptance. Such Security shall be in the Form of unconditional, irrevocable Bank Guarantee from any scheduled Bank of Pakistan acceptable to the Employer **in favor of SMBBIT Karachi**. The performance security will be valid for a period (up to the completion of the Project) after the date of issue of Defect Liability Certificate.
- 32.2 Failure of the successful bidder to comply with the requirements of **Sub-Clause IB.32.1 or Clauses IB.33 or IB.35** shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.33 Signing of Contract Agreement

- 33.1 Within 14 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer will send the

successful bidder the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.

33.2 The formal Agreement between the Employer and the successful bidder shall be executed within 14 days of the receipt of the Contract Agreement by the successful bidder from the Employer.

IB.34 General Performance of the Bidders

The Employer reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts/works. The Employer may in case of consistent poor performance of any Bidder as reported by the employers of the previously awarded contracts, interilic, reject his bid and/or refer the case to the Pakistan Engineering Council (PEC). Upon such reference, PEC in accordance with its rules, procedures and relevant laws of the land take such action as may be deemed appropriate under the circumstances of the case including black listing of such Bidder and debarring him from participation in future bidding for similar works.

IB.35 Integrity Pact

The Bidder shall sign and stamp the Integrity Pact provided at **Appendix-L** to Bid in the Bidding Documents for all Federal Government procurement contracts exceeding Rupees ten million. Failure to provide such Integrity Pact shall make the bidder non- responsive.

IB.36 Instructions not Part of Contract

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist bidders in preparing their bids, and do not constitute part of the Bid or the Contract Documents.

BIDDING DATA

NOTES ON BIDDING DATA

This Section is intended to assist the Employer in providing the specific information in relation to corresponding clauses in Instructions to Bidders and should be prepared to suit each individual contract.

The Employer should provide in the Bidding Data information and requirements specific to the circumstances of the Employer, the processing of the Bid, the applicable rules regarding Bid Price and currency, and the Bid evaluation criteria that will apply to the Bids. In preparing this section, the following aspects should be checked:

- a) Information that specifies and complements the provisions of section; Instruction to Bidders must be incorporated.
- b) Amendments and/or supplements, if any, to the provisions of instructions to Bidders, necessitated by the circumstances of each individual contract, can be introduced only in this section since Instructions to Bidders will remain unchanged.]

Bidding Data

1.1 Name and address of the Employer:

The Employer is SMBB Institute of Trauma Karachi
Phone / Fax: (9221) 9921-6384

Name of the Project & Summary of the Works:

CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM AT EMERGENCY RESPONSE CENTER LARKANA

The work involves **CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM AT EMERGENCY RESPONSE CENTER LARKANA** execution of Civil, Electrical, Plumbing and allied Works in accordance with the design, Drawings, Technical Specifications, Bill of Quantities and Instructions of the Employer nominated officer with special emphasis on Quantity and Quality control ethics.

IB.2 Source of Funds:

The Employer has arranged funds from Health Department Govt. of Sindh and it is intended that part of the proceeds of this will be applied to eligible payments under the Contract for which these Bidding Documents are issued.

IB.3 Eligible Bidders

As notified in NIT

IB.8.1 Time limit for clarification:

The Employer will respond to any request for clarification which he receives earlier than (07) Seven Days prior to the deadline for submission of bids

IB.10 Bid language:

The bid and all correspondence and documents related to the bid exchanged by a bidder and the Employer shall be in the English Language.

IB.11.1(c) Furnish Technical Proposal:

The bidder to submit a technical proposal in sufficient detail to demonstrate the adequacy of the bid in meeting requirements for timely completion of the Works and taking into account the various appendices to Bid specified into instructions to Bidder.

IB.13.1 Currencies of Bid and Payment

The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. The Employer shall make payment only in Pak Rupees and no foreign currency payments are admissible. A bidder expecting to incur expenditures in other currencies for inputs to the Works supplied from outside the Employer's country shall bear all the costs and risks for arranging the requirements of such currencies through his own resources.

IB.14.1 Period of Bid Validity:

Bids shall remain valid for the **90** Days after the date of bid opening.

IB.15.1 Amount of Bid Security:

5% of Bid Price in the form of Pay Order/ Bank Draft

IB.18.4 Number of copies of the Bid to be completed and submitted: One (1) original and two copies.

IB.19 Sealing and Marking of Bids

19.2(a) Employer's address for the purpose of Bid Submission

Chand Bibi Road, SMBB Institute of Trauma Karachi; Phone/Fax: (92-21) 9921-6384

19.2 (a) (b) Name and number of the Contract

bear the contract name **CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM AT EMERGENCY RESPONSE CENTER LARKANA**

IB. 20.1(a) Deadline for submission of bids:

As notified in "Invitation to Bids"

IB. 23.1 Venue, Time and Date of Bid opening:

As notified in "Invitation to Bids"

I.B.32.1 Standard form and amount of Performance Security acceptable to the Employer:

The performance security shall be equal to an amount of **10%** of the contract Price stated in the Letter of Acceptance. Such Security shall be in the Form of unconditional, irrevocable Bank Guarantee from any scheduled Bank of Pakistan acceptable to the Employer in favor of Employer. The performance security will be valid for a period (up to the completion of the Project) after the date of issue of Defect Liability Certificate.

CONTRACT DATA

The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

Instructions to Bidders

Clause Reference

1.1.1 Name and address of the procuring agency:

SMBB Institute of Trauma Karachi Phone: (92-21)9921-6384

1.2 Name of the Project and Summary of the works:

CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM AT EMERGENCY RESPONSE CENTER LARKANA

2.1 Amount and Type of Financing/Scheme Cost and Allocated Funds.

Approximate PKR 50 Million

8.1 Time limit for clarification:

3 working days prior to last date of submission

10.1 Bid language:

English

11.1 (a) Prequalification Information to be updated (where applicable):

Not applicable

11.1 (b) Furnish Company Profile for Single Stage One Envelope:

Following are minimum Mandatory requirement

i. The bidder has successfully completed as main CONTRACTOR at **least three** contracts of the scope of work and complexity comparable to the proposed contract, in PUBLIC / LARGE PRIVATE SECTOR ORGANIZATIONS, over a **five-year** period ending on the deadline for bid submission (Please submit copy of Notification of Award and Contract Agreement and Completion Certificate).

ii. Average Annual Turnover during the last three financial years of the bidder as on closing of last fiscal year should not be less than **Rs.100 million** and same shall be reflected in the Audited Accounts or Income Tax Returns or Original Turn-over Certificate issued by any Schedule Bank of Pakistan.

iii. Bidder must submit undertaking on 100/- legal stamp paper confirming he is not declared black listed by any procuring agency of Pakistan if proved blacklisted his bid security shall be forfeited.

iv. Bidder must be available on 'List of Active Tax Payers' of FBR (for Income Tax and GST) and SRB (For Sales Tax) websites.

v. PEC Registration in at least category C4 with the following codes BC02, CE09, CE10, EE02, EE04, EE05, EE06 & ME02

vi. The bidder may apply one or more buildings.

32.3 Stamp duty

0.35% will be paid by successful bidder as stamp duty.

BID LETTER FORM

From:

(Registered name and address of the bidder)

To:

Chief Operating Officer,
SMBB Institute of Trauma,
Karachi - 74200

Madam,

Having examined the bidding document and amendment thereon we the undersigned, offer to provide services / execute the works including in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your Tender call dated_____ -

Tender Title: _____

We undertake to provide services/execute the above project or it part assigned to us in conformity with the said bidding documents.

If our bid is accepted, we undertake to;

- 1) Provide services/execute the work according to the time schedule specified in the bid document,
- 2) Obtain the performance guarantee of bank in accordance with bid requirements for the due performance of the contract, and agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.
- 3) We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Place:_____

Bidder's signature
and seal.

Date:_____

SPECIAL STIPULATIONS

CLAUSE CONDITIONS OF CONTRACT

1.	Engineer's Authority to issue Variation in emergency	The variation amount shall not exceed overall 2% of the Contract Price during the currency of the Contract.
2.	Amount of Performance Security	10% of Contract Price stated in the Letter of Acceptance in the form of bank guarantee issued by a Scheduled Bank of Pakistan.
3.	Time for Furnishing Programme	Within 7 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Insurance	Rs. 500,000 per occurrence with number of occurrences unlimited.
5.	Time for Commencement	Within 14 days from the date of receipt of Engineer's Notice to Commence.
6.	Time for Completion	06 months from the date of receipt of Engineer's Notice to Commence.
7.	Amount of Liquidated Damages	One tenth of one percent (0.10%) for each day of delay in completion of the Works subject to a maximum of 10% of Contract Price stated in the Letter of Acceptance.
8.	Defects Liability Period	180 days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	5 % of the amount of Interim Payment Certificate
10.	Limit of Retention Money	10 % of Contract Price stated in the Letter of Acceptance.
11.	Minimum amount of Interim Payment Certificates (Running Bills)	Rs. (05) Five Million
12.	Time of Payment from delivery of Engineer's Interim Payment Certificate to the Employer.	(28) Twenty Eight days (No interest shall be paid in case of any delay in payment).
13.	Mobilization Advance	10 % of Contract Price stated in the Letter of Acceptance against unconditional and irrevocable bank guarantee from a scheduled bank of Pakistan

**PRICE ADJUSTMENT UNDER CLAUSE 70 OF
CONDITIONS OF CONTRACT**

The source of indices and the weight ages or coefficients for use in the adjustment formula under Clause 70 shall be as follows:

(To be filled by the Employer)

Cost Element	Description	Weightages	Applicable index
1	2	3	4
(i)	Fixed Portion	0.60	
(ii)	Local Labor	0.12	Government of Pakistan (GP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iii)	Cement – in bags	0.06	Government of Pakistan (GP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iv)	Reinforcing Steel	0.20	Government of Pakistan (GP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(v)	High Speed Diesel (HSD)	0.02	Government of Pakistan (GP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
	Total	1.000	

Notes:

- Indices for “(ii)” to “(vii)” are taken from the Government of Pakistan Federal Bureau of Statistics, Monthly Statistical Bulletin. The base cost indices or prices shall be those applying 28 days prior to the latest day for submission of bids. Current indices or prices shall be those applying 28 days prior to the last day of the billing period.
- Any fluctuation in the indices or prices of materials other than those given above shall not be subject to adjustment of the Contract Price.
- Fixed portion shown here is for typical road project, Employer to determine the weightage of Fixed Portion considering only those cost elements having cost impact of seven (7) percent or more on his specific project.

(Employers using this price adjustment provisions may add or delete any elements as deemed appropriate to the project.)

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the Contract include all costs of Contractor's plant, labor, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the Contract. Furthermore, all duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bids, shall be included in the rates and prices and the total Bid Price submitted by the Bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, 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.
6. General directions and description of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with Sub-Clause 58.2 of Part I, General Conditions of Contract.

PROPOSED CONSTRUCTION SCHEDULE

Pursuant to Sub-Clause 43.1 of the General Conditions of Contract, the Works shall be completed on or before the date stated in Appendix-A to Bid. The Bidder shall provide as Appendix-E to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the Works and parts of the Works may meet Employer’s completion targets in days noted below and counted from the date of receipt of Engineer’s Notice to Commence (Attach sheets as required for the specified form of Construction Schedule):

Description		Time for Completion
a)	Whole Works	_____ days
b)	Part-A (Structural Work Civil)	_____ days
c)	Part-B (Electrical Work)	_____ days
d)	Part-C (Plumbing Work)	_____ days
e)	Part-D (Finishing Work Civil, Electrical & Plumbing Works)	_____ days

METHOD OF PERFORMING THE WORK

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

1. Organization Chart indicating head office and field office personnel involved in management and supervision, engineering, equipment maintenance and purchasing.
2. Mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.
3. The method of executing the Works, the procedures for installation of equipment and machinery and transportation of equipment and materials to the site.]

LIST OF MAJOR EQUIPMENT – RELATED ITEMS

[The Bidder will provide on Sheet 2 of this Appendix a list of all major equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the Works. The information shall include make, type, capacity, and anticipated period of utilization for all equipment which shall be in sufficient detail to demonstrate fully that the equipment will meet all requirements of the Specifications.]

LIST OF MAJOR EQUIPMENT

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
1	2	3	4	5	6	7
a. Owned						
b. To be Purchased						
c. To be arranged on Lease						

CONSTRUCTION CAMP AND HOUSING FACILITIES

The Contractor in accordance with Clause 34 of the Conditions of Contract shall provide description of his construction camp's facilities and staff housing requirements. The Contractor shall be responsible for pumps, electrical power, water and electrical distribution systems, and sewerage system including all fittings, pipes and other items necessary for servicing the Contractor's construction camp. The Bidder shall list or explain his plans for providing these facilities for the service of the Contract as follows:

1. Site Preparation (clearing, land preparation, etc.).
2. Provision of Services.
 - a) Power (expected power load, etc.).
 - b) Water (required amount and system proposed).
 - c) Sanitation (sewage disposal system, etc.).
3. Construction of Facilities
 - a) Contractor's Office. Workshop and Work Areas (areas required and proposed layout, type of construction of buildings, etc.)
 - b) Warehouses and Storage Areas (area required, type of construction and layout).
 - c) Housing and Staff Facilities (Plans for housing for proposed staff, layout, type of construction, etc.)
4. Construction Equipment Assembly and Preparation (detailed plans for carrying out this activity).
5. Other Items Proposed (Security services, etc.)
6. The Contractor's responsibility to arrange the water for construction work or wherever water requires for the execution of work. The employer will not provide the water and contractor arrange outside from the premises on his own basis. Before use water, contractor should submit the test report from PCSIR laboratory.
7. Contractor will arrange electricity source on its own basis or use an alternate of source of electricity (like Generator).

ESTIMATED PROGRESS PAYMENTS

Bidder’s estimate of the value of work which would be executed by him during each of the periods stated below, based on his Programme of the Works and the Rates in the Bill of Quantities, expressed in thousands of Pakistani Rupees:

Quarter/ Year/ Period	Amounts (1000 Rs.)
1	2
1st Quarter	
2nd Quarter	
3rd Quarter	
4th Quarter	
5th Quarter	
6th Quarter	
Bid Price	

**ORGANIZATION CHART FOR
THE SUPERVISORY STAFF**

INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS

Contract Number: **NO.**
Contract Value: **Rs.**
Contract Title:

Dated:

M/s. _____ hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

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

M/s. _____ certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

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

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

M/s.

CHIEF OPERATING OFFICER SMBBIT

CONTRACT AGREEMENT

Title of Project

This Contract Agreement (hereinafter called the Agreement) made on ___ day of _____ Year.

BETWEEN

M/s.

A Contractor, having its office at **Bidder's address**. (Hereinafter mentioned as Contractor), which expression shall be deemed to mean and include its successors-in-interest and permitted assigns;

AND

SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA, KARACHIA

department under Government of Sindh, having its office at SMBB Institute of Trauma, Karachi Chand Bibi Road, Karachi Sindh, Pakistan hereinafter mentioned as "the Client", which expression shall be deemed to mean and include its successors-in-interest and permitted assigns; WHEREAS the Contractor has agreed to render certain services i.e. "Tender Title" to SMBB Institute of Trauma, Karachi and has necessary know how and staff in the respect.

AND

WHEREAS the Client is desirous of availing the services offered by the contractor for "Tender Title" for its premises at the cost of **Rs. _____/-** (The contract amount) as per below mentioned BOQ.

Brief particulars of the services which shall be supplied / provided by the Supplier are as under:

Item. #	DESCRIPTION	Unit Quantity	Unit	Quoted Rate

Now this agreement witnesseth as follows:

1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the Terms & Conditions of Tender Enquiry referred to.
2. The Following documents after incorporating addenda, if any except these parts relating to Instruction to bidders, shall be deemed to form and be read and constructed as part of this Agreement, viz:
 - a. Purchase order(s)/ Letter of Acceptance where applicable.
 - b. The completed Form of Bid along with Schedules to Bid.
 - c. Condition of Contract & Contract Data
 - d. The priced Scheduled of prices

- e. The specifications
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
 4. The Purchaser hereby covenants to pay the Supplier, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
 5. The Contract Price of tender will be Rs: _____/Year;
 6. That estimated cost of tender is on approximate basis and may vary in case of forced majeure or as per the demand of situation.

The supply of medical gases is the most urgent and essential nature to save the precious lives of the patients. Deliberately or un-deliberately interruption is not permitted whatsoever the reason is, the supplier will be responsible.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement in accordance with their respective hands and seals, the day, month and the year first above written.

This contract will be extendible on the same rates till the allocation of new tender.

Signature of the Employer

Signature of the Bidder

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)

FORM OF PERFORMANCE SECURITY (Bank Guarantee)

Guarantee No.: _____

Executed on: _____

Expiry date: _____

[Letter by the Guarantor to the Employer]

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

Name of Principal (Contractor, Manufacturer, Supplier or any bidder) with complete address:

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

Letter of Acceptance No. _____ Dated: _____

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

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

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

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

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract 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 Contractor has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden 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.

Witness:

Guarantor (Bank)

1. _____
(Name, Title, Signature & Seal)

Signature:

2. _____

Name:

(Name, Title, Signature & Seal)

Title: _____

AFFIDAVIT (on Judicial Stamp Paper)

I/We, the undersigned [Name of the Supplier] hereby solemnly declare and undertake that:

1. We have read the contents of the Bidding Document and have fully understood it.
2. The Bid being submitted by the undersigned complies with the requirements enunciated in the bidding documents.
3. The Goods that we propose to supply under this contract are eligible goods within the meaning of this SBD.
4. The undersigned are also eligible Bidders within the meaning of the Standard Bidding Documents.
5. The undersigned are solvent and competent to undertake the subject contract under the Laws of Pakistan.
6. The undersigned have not paid nor have agreed to pay, any Commissions or Gratuities to any official or agent related to this bid or award or contract.
7. The undersigned are not blacklisted or facing debarment from any Government, or its organization or project.
8. That undersigned has not employed any child labor in the organization/unit.
9. We understand that the Selection and Rate Contracting Committee of the Procuring Agency is not bound to accept the lowest or any other bid they may receive.

We affirm that the contents of this affidavit are correct to the best of our knowledge and belief.

Signatures with stamp

Name: _____

Designation: _____

CNIC No. _____

For Messrs. [Name of Supplier]

MOBILIZATION ADVANCE GUARANTEE/BOND

Guarantee No. _____ Date _____

WHEREAS _____ (hereinafter called the 'Employer') has entered into a Contract for (Particulars of

Contract) with _____ (hereinafter called the "Contractor").

AND WHEREAS, the Employer has agreed to advance to the Contractor, at the Contractor's request, an amount of Rupees _____ (Rs) _____ which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS, the Employer has asked the Contractor to furnish Guarantee to secure the mobilization advance for the performance of his obligations under the said Contract.

AND WHEREAS, _____
(Scheduled Bank in Pakistan acceptable to the Employer) (hereinafter called the "Guarantor") at the request of the Contractor and in consideration of the Employer agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Employer for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Employer shall be the sole and final judge, on the part of the Contractor, shall be given by the Employer to the Guarantor, and on such first written demand, payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall remain in force until the advance is fully adjusted against payments from the Interim Payment Certificates of the Contractor or until _____ whichever is earlier.

(Date)

The Guarantor's liability under this Guarantee shall not in any case exceed the sum of Rupees _____ (Rs) _____.

This Guarantee shall remain valid up to the aforesaid date and shall be null and void after the aforesaid date or earlier if the advance made to the Contractor is fully adjusted against payments from Interim Payment Certificates of the Contractor provided that the Guarantor agrees that the aforesaid period of validity shall be deemed to be extended if on the above mentioned date the advance payment is not fully adjusted.

GUARANTOR

1. Signature _____
2. Name _____
3. Title _____

WITNESS

1. _____

Corporate Secretary (Seal)

2. _____
(Name Title & Address)

Corporate Guarantor (Seal)

BILL OF QUANTITY

CONSTRUCTION & ESTABLISHMENT OF CT & MRI ROOM AT EMERGENCY RESPONSE CENTER LARKANA

S#	Description of Items	No.	L	B	H	Tentative Qty	Unit	Rate	Amount
1	Cutting of trees of any height, girth exceeding 6 inches to one foot, cutting into portable pieces, taking out their entire roots and filling hollows with earth complete in all respect.								
	Site Area	6				6.00	Each		
2	Dismantling of Existing Block Masonary Wall / PCC Wall or Floor including disposal of debries outside from the Project Area								
	Partion Wall between Truma Center / CT Scan	1	56.00	0.83	12.00	557.76	Cft.		
	Partion Wall between Truma Center / CT Scan	1	12.00	0.83	12.00	119.52	Cft.		
	Partion Wall between CT Scan / Park	1	51.00	0.75	6.00	229.50	Cft.		
	Sitting Places	5	11.00	1.50	0.50	41.25	Cft.		
	Waiting Area Floor	1	53.00	45.00	0.25	596.25	Cft.		
	Waiting Area Floor	1	47.00	5.00	0.25	58.75	Cft.		
	Waiting Area Floor	1	20.00	16.00	0.25	80.00	Cft.		
						1,683.03	Cft.		
3	Excavation for foundation, trenches in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or								

	disintegrated sandy and hard rock) including disposal of surplus excavated								
	Excavation for Foundation	20	7.00	7.00	0.75	735.00	Cft.		
	Excavation for Situ	4	52.75	2.00	1.50	633.00	Cft.		
	Excavation for Situ	5	44.92	2.00	1.50	673.80	Cft.		
						2,041.80	Cft.		
4	Providing and filling earth from outside sources including digging, loading and unloading and filling in foundation trenches, plinth or under floor, etc. including breaking clods, dressing, watering and consolidation by ramming in layers not exceeding 9 inches in depth to full compaction complete.								
	Inside Plinth Area								
	Cabinet / UPS Room 15'-0"x10'-0"	1	15.00	10.00	2.00	300.00	Cft.		
	CT Scanning Room 23'-0"x15'-0"	1	23.00	15.00	2.00	690.00	Cft.		
	Console Room 15'-0"x8'-0"	1	15.00	8.00	2.00	240.00	Cft.		
	Radiologist Room 15'-0"x8'-0"	1	15.00	8.00	2.00	240.00	Cft.		
	Change 6'-1½"x5'-3"	2	6.12	5.25	2.00	128.52	Cft.		
	Preparation Room 18'-9" x 10'-11"	1	18.75	10.92	2.00	409.50	Cft.		
	Corridor 26'-0" x 10'-11"	1	26.00	10.92	2.00	567.84	Cft.		
	Cabinet / UPS Room 16'-0"x10'-0"	1	16.00	10.00	2.00	320.00	Cft.		
	CT Scanning Room 23'-0"x16'-0"	1	23.00	16.00	2.00	736.00	Cft.		
	Console Room 16'-0"x8'-0"	1				256.00	Cft.		

			16.00	8.00	2.00				
	Toilet 5'-0"x3'-9"	2	5.00	3.75	2.00	75.00	Cft.		
	Radiology Store 10'-3"x8'-0"	1	10.25	8.00	2.00	164.00	Cft.		
						4,126.86	Cft.		
5	Providing and Laying Stone Soling under Footing, Under Situ or under floor including filling voids with spawl and chips and consolidation by ramming to full compaction.								
	Soling Under Footing	20	7.00	7.00	0.75	735.00	Cft.		
	Soling under Situ	4	52.75	1.50	0.75	237.38	Cft.		
	Soling under Situ	5	44.92	1.50	0.75	252.68	Cft.		
	Cabinet / UPS Room 15'-0"x10'-0"	1	15.00	10.00	0.75	112.50	Cft.		
	CT Scanning Room 23'-0"x15'-0"	1	23.00	15.00	0.75	258.75	Cft.		
	Console Room 15'-0"x8'-0"	1	15.00	8.00	0.75	90.00	Cft.		
	Radiologist Room 15'-0"x8'-0"	1	15.00	8.00	0.75	90.00	Cft.		
	Change 6'-1½"x5'-3"	2	6.12	5.25	0.75	48.20	Cft.		
	Preparation Room 18'-9" x 10'-11"	1	18.75	10.92	0.75	153.56	Cft.		
	Corridor 26'-0" x 10'-11"	1	26.00	10.92	0.75	212.94	Cft.		
	Cabinet / UPS Room 16'-0"x10'-0"	1	16.00	10.00	0.75	120.00	Cft.		
	CT Scanning Room 23'-0"x16'-0"	1	23.00	16.00	0.75	276.00	Cft.		
	Console Room 16'-0"x8'-0"	1	16.00	8.00	0.75	96.00	Cft.		
	Toilet 5'-0"x3'-9"	2	5.00	3.75	0.75	28.13	Cft.		
	Radiology Store 10'-3"x8'-0"	1	10.25	8.00	0.75	61.50	Cft.		
						2,772.62	Cft.		

6	Providing and laying 1:4:8 cement concrete using graded Crushed stone 3/4" and down gauge below Ground Level including levelling, compacting and curing etc. complete.								
	Lean Under Footing	20	7.00	7.00	0.50	490.00	Cft.		
	Lean Under Situ	4	52.75	2.00	0.50	211.00	Cft.		
	Lean Under Situ	5	44.92	2.00	0.50	224.60	Cft.		
	Cabinet / UPS Room 15'-0"x10'-0"	1	15.00	10.00	0.75	112.50	Cft.		
	CT Scanning Room 23'-0"x15'-0"	1	23.00	15.00	0.75	258.75	Cft.		
	Console Room 15'-0"x8'-0"	1	15.00	8.00	0.75	90.00	Cft.		
	Radiologist Room 15'-0"x8'-0"	1	15.00	8.00	0.75	90.00	Cft.		
	Change 6'-1½"x5'-3"	2	6.12	5.25	0.75	48.20	Cft.		
	Preparation Room 18'-9" x 10'-11"	1	18.75	10.92	0.75	153.56	Cft.		
	Corridor 26'-0" x 10'-11"	1	26.00	10.92	0.75	212.94	Cft.		
	Cabinet / UPS Room 16'-0"x10'-0"	1	16.00	10.00	0.75	120.00	Cft.		
	CT Scanning Room 23'-0"x16'-0"	1	23.00	16.00	0.75	276.00	Cft.		
	Console Room 16'-0"x8'-0"	1	16.00	8.00	0.75	96.00	Cft.		
	Toilet 5'-0"x3'-9"	2	5.00	3.75	0.75	28.13	Cft.		
	Radiology Store 10'-3"x8'-0"	1	10.25	8.00	0.75	61.50	Cft.		
						2,473.17	Cft.		

7	Providing and laying reinforced cement concrete using Crushed Stone 3/4" and down gauge with a mix not leaner than 1:2:4 in Structure component of any shape of uniform section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation								
	RCC Footing	20	6.00	7.00	1.50	1,260.00	Cft.		
8	Providing and laying reinforced cement concrete using Crushed Stone 3/4" and down gauge with a mix not leaner than 1:1½:3 in Structure component of any shape of uniform section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in Column below Plinth Beam								
	RCC Neck Column	20	1.50	0.75	2.25	50.63	Cft.		
9	Providing and laying reinforced cement concrete using Crushed Stone 3/4" and down gauge with a mix not leaner than 1:2:4 in Structure component of any shape of uniform section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in Plinth Beam								
	Plinth Beam	4	52.75	0.75	3.00	474.75	Cft.		
	Plinth Beam	5	44.92	0.75	3.00	505.35	Cft.		
						980.10	Cft.		

10	Providing and laying reinforced cement concrete using Crushed Stone 3/4" and down gauge with a mix not leaner than 1:1½:3 in Structure component of any shape of uniform section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in Super Structure Column								
	SS Column	20	1.50	0.75	11.50	258.75	Cft.		
11	Providing and laying reinforced cement concrete using Crushed Stone 3/4" and down gauge with a mix not leaner than 1:2:4 in Structure component of any shape of uniform section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in Roof Beam & Roof Slab								
	Roof Beam	4	52.75	0.75	3.00	474.75	Cft.		
	Roof Beam	5	44.92	0.75	3.00	505.35	Cft.		
	Roof Slab	1	52.75	44.92	0.50	1,184.77	Cft.		
						2,164.87	Cft.		
12	Providing and laying hard grade (minimum yield point 60,000 per square inch) reinforcement bars and including the cost of straightening, removing twists, cutting, bending, lifitng, binding and placing the steel in position, tying with binding wire for RCC member.								
	Steel					11.00	Ton		

13	Providing and laying 2 inches thick damp proof course with cement concrete 1:2:4 cast in situ using graded screened bajri of 3/4 inch (19 mm) and down gauge mixed with any approved water proofing agent including leveling, curing complete in all respect								
	DPC	5	52.75	0.75		197.81	Sft.		
	DPC	5	44.92	0.75		168.45	Sft.		
						366.26	Sft.		
14	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls including scaffolding and curing etc. Complete in Below Plinth or above Plinth upto Ground Floor Level and Parapet Wall								
	Brick Masonary 9"	5	52.75	0.75	11.50	2,274.84	Cft.		
	Brick Masonary 9"	6	44.92	0.75	11.50	2,324.61	Cft.		
						4,599.45	Cft.		
15	Providing and Fixing 9"x9" & 4½"x 9" RCC Lintel on Door & Windows								
	For Door 5' Wide	4	6.00			24.00	Rft.		
	For Door 3'-6" Wide	7	4.50			31.50	Rft.		
	For Door 2'-6" Wide	3	3.50			10.50	Rft.		
	For Window Internal 5'-0" Wide	2	6.00			12.00	Rft.		
	For Window External 5'-0" Wide	1	6.00			6.00	Rft.		
	For Ventilator 2'-0" Wide	2	3.00			6.00	Rft.		
						90.00	Rft.		

16	Providing and fixing G.I. moulded frames of 9" x 2-1/2" manufactured from G.I. sheet of 18 gauge including cutting holes and filling the cavity with cement concrete 1:2:4 etc. complete in all respect								
	For Door 5' Wide	4	26.00			104.00	Rft.		
	For Door 3'-6" Wide	7	23.00			161.00	Rft.		
	For Door 2'-6" Wide	3	16.50			49.50	Rft.		
						314.50	Rft.		
17	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, including the cost of commercial plywood facing 3 mm. thick (3 ply) on both faces, fixed over deodar wood frame 2 inches wide around 6 inches wide lock rail and deodar wood solid core, including 1/4 inch thick deodar wood lipping on all sides complete.								
	Door 5' Wide	4	5.00		8.00	160.00	Sft.		
	Door 3'-6" Wide	7	3.50		8.00	196.00	Sft.		
	Door 2'-6" Wide	3	2.50		7.00	52.50	Sft.		
						408.50	Sft.		
18	Providing and fixing with C.P. brass screws main door handle type lock (local make) of approved design, cutting wood etc., to required size, with two operating keys, complete in all respect	12				12.00	Nos.		

19	Providing and Fixing Tower bolt Brass (anodized) size 12" (305 mm).	12				12.00	Nos.		
20	Providing and fixing Door Stopper								
21	Providing and fixing fully glazed (with Lead Glass) Champagne anodized aluminium Fixed window as per British standard manufactured by Lucky or equilent , Deluxe model box section including the cost of aluminium fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete but excluding the cost of glass pans.								
	For Window Internal 5'-0" Wide	2	5.00		4.00	40.00	Sft.		
	For Window External 5'-0" Wide	1	5.00		4.00	20.00	Sft.		
	For Ventilator 2'-0" Wide	2	2.00		1.50	6.00	Sft.		
						66.00	Sft.		
22	Providing and Fixing Lead Glass								
	For Window Internal 5'-0" Wide	2	5.00		4.00	40.00	Sft.		
23	1/2" thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., including making edges, corners and curing etc., complete .								
	Cabinet / UPS Room 15'-0"x10'-0"	1	15.00	10.00		150.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	1	23.00	15.00		345.00	Sft.		
	Console Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		

	Radiologist Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		
	Change 6'-1½"x5'-3"	2	6.12	5.25		64.26	Sft.		
	Preparation Room 18'-9" x 10'-11"	1	18.75	10.92		204.75	Sft.		
	Corridor 26'-0" x 10'-11"	1	26.00	10.92		283.92	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	1	16.00	10.00		160.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	1	23.00	16.00		368.00	Sft.		
	Console Room 16'-0"x8'-0"	1	16.00	8.00		128.00	Sft.		
	Toilet 5'-0"x3'-9"	2	5.00	3.75		37.50	Sft.		
	Radiology Store 10'-3"x8'-0"	1	10.25	8.00		82.00	Sft.		
						2,063.43	Sft.		
24	3/4" thick cement rough plaster Internal 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.								
	Cabinet / UPS Room 15'-0"x10'-0"	2	15.00		14.00	420.00	Sft.		
	Cabinet / UPS Room 15'-0"x10'-0"	2	10.00		14.00	280.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	2	23.00		14.00	644.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	2	15.00		14.00	420.00	Sft.		
	Console Room 15'-0"x8'-0"	2	15.00		14.00	420.00	Sft.		
	Console Room 15'-0"x8'-0"	2	8.00		14.00	224.00	Sft.		
	Radiologist Room 15'-0"x8'-0"	2	15.00		14.00	420.00	Sft.		
	Radiologist Room 15'-0"x8'-0"	2	8.00		14.00	224.00	Sft.		
	Change 6'-1½"x5'-3"	4	6.12		14.00	342.72	Sft.		
	Change 6'-1½"x5'-3"	4	5.25		14.00	294.00	Sft.		

	Preparation Room 18'-9" x 10'-11"	2	18.75		14.00	525.00	Sft.		
	Preparation Room 18'-9" x 10'-11"	2	10.92		14.00	305.76	Sft.		
	Corridor 26'-0" x 10'-11"	2	26.00		14.00	728.00	Sft.		
	Corridor 26'-0" x 10'-11"	2	10.92		14.00	305.76	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	2	16.00		14.00	448.00	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	2	10.00		14.00	280.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	2	23.00		14.00	644.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	2	16.00		14.00	448.00	Sft.		
	Console Room 16'-0"x8'-0"	2	16.00		14.00	448.00	Sft.		
	Console Room 16'-0"x8'-0"	2	8.00		14.00	224.00	Sft.		
	Toilet 5'-0"x3'-9"	4	5.00		14.00	280.00	Sft.		
	Toilet 5'-0"x3'-9"	4	3.75		14.00	210.00	Sft.		
	Radiology Store 10'-3"x8'-0"	2	10.25		14.00	287.00	Sft.		
	Radiology Store 10'-3"x8'-0"	2	8.00		14.00	224.00	Sft.		
						9,046.24	Sft.		
25	1/2" thick cement smooth plaster Internal 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.					9,046.24	Sft.		
26	3/4" thick cement rough plaster External 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.								
	External Plaster	2	52.75		16.50	1,740.75	Sft.		

	External Plaster	2	44.92		16.50	1,482.36	Sft.		
						3,223.11	Sft.		
27	1/2" thick cement smooth plaster External 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.					3,223.11	Sft.		
28	Providing and laying 1:2:4 cement concrete 2" thick using graded Crushed stone 3/4" and down gauge below Ground Level including levelling, compacting and curing etc. complete.								
	Cabinet / UPS Room 15'-0"x10'-0"	1	15.00	10.00		150.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	1	23.00	15.00		345.00	Sft.		
	Console Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		
	Radiologist Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		
	Change 6'-1½"x5'-3"	2	6.12	5.25		64.26	Sft.		
	Preparation Room 18'-9" x 10'-11"	1	18.75	10.92		204.75	Sft.		
	Corridor 26'-0" x 10'-11"	1	26.00	10.92		283.92	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	1	16.00	10.00		160.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	1	23.00	16.00		368.00	Sft.		
	Console Room 16'-0"x8'-0"	1	16.00	8.00		128.00	Sft.		
	Toilet 5'-0"x3'-9"	2	5.00	3.75		37.50	Sft.		
	Radiology Store 10'-3"x8'-0"	1	10.25	8.00		82.00	Sft.		
						2,063.43	Sft.		

29	Providing & laying porcelain tiles Matt / Glazed 24"x24" (600mmx600mm) on floors & Walls (Dado) in any floor laid with dry bond over existing CC floor including jointing the tiles with joint filler, complete in all respect.								
	Tiling Floor	1	52.75	44.92		2,369.53	Sft.		
	Dado	1				3,230.80	Sft.		
						5,600.33	Sft.		
30	Providing & laying Ceramic tiles Matt / Glazed 12"x24" (300mmx600mm) on floors & Walls (Dado) in any floor laid with dry bond over existing CC floor including jointing the tiles with joint filler, complete in all respect.								
	Tiling Floor	2	5.00	3.75		37.50	Sft.		
	Dado	2	5.00		7.00	70.00	Sft.		
	Dado	2	3.75		7.00	52.50	Sft.		
						160.00	Sft.		
31	Providing, Preparing surface and Applying water proofing chemical 1st primary coat of 26 AC 10/55 chemical and then heavy rich coat with canvas cloth and in last two coats of same chemical etc complete in all respect, including 2" thick PCC 1:2:4 Flooring over Water Proofing								
	Roof Area	1	52.75	44.92		2,369.53	Sft.		

32	Providing and applying distemper in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and inequalities, if any, on ceiling								
	Cabinet / UPS Room 15'-0"x10'-0"	1	15.00	10.00		150.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	1	23.00	15.00		345.00	Sft.		
	Console Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		
	Radiologist Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		
	Change 6'-1½"x5'-3"	2	6.12	5.25		64.26	Sft.		
	Preparation Room 18'-9" x 10'-11"	1	18.75	10.92		204.75	Sft.		
	Corridor 26'-0" x 10'-11"	1	26.00	10.92		283.92	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	1	16.00	10.00		160.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	1	23.00	16.00		368.00	Sft.		
	Console Room 16'-0"x8'-0"	1	16.00	8.00		128.00	Sft.		
	Toilet 5'-0"x3'-9"	2	5.00	3.75		37.50	Sft.		
	Radiology Store 10'-3"x8'-0"	1	10.25	8.00		82.00	Sft.		
						2,063.43	Sft.		
33	Painting on Door frame / Iron Work with enamel paint two coats over and including the cost of one priming coat complete								
	For Door 5' Wide	4	26.00	1.17		121.68	Sft.		
	For Door 3'-6" Wide	7	23.00	1.17		188.37	Sft.		
	For Door 2'-6" Wide	3	16.50	1.17		57.92	Sft.		
						367.97	Sft.		

34	Providing and applying Plastic Emulsion paint two coats over and including the cost of one priming coat complete over plastered surface.								
	Cabinet / UPS Room 15'-0"x10'-0"	2	15.00		14.00	420.00	Sft.		
	Cabinet / UPS Room 15'-0"x10'-0"	2	10.00		14.00	280.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	2	23.00		14.00	644.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	2	15.00		14.00	420.00	Sft.		
	Console Room 15'-0"x8'-0"	2	15.00		14.00	420.00	Sft.		
	Console Room 15'-0"x8'-0"	2	8.00		14.00	224.00	Sft.		
	Radiologist Room 15'-0"x8'-0"	2	15.00		14.00	420.00	Sft.		
	Radiologist Room 15'-0"x8'-0"	2	8.00		14.00	224.00	Sft.		
	Change 6'-1½"x5'-3"	4	6.12		14.00	342.72	Sft.		
	Change 6'-1½"x5'-3"	4	5.25		14.00	294.00	Sft.		
	Preparation Room 18'-9" x 10'-11"	2	18.75		14.00	525.00	Sft.		
	Preparation Room 18'-9" x 10'-11"	2	10.92		14.00	305.76	Sft.		
	Corridor 26'-0" x 10'-11"	2	26.00		14.00	728.00	Sft.		
	Corridor 26'-0" x 10'-11"	2	10.92		14.00	305.76	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	2	16.00		14.00	448.00	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	2	10.00		14.00	280.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	2	23.00		14.00	644.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	2	16.00		14.00	448.00	Sft.		
	Console Room 16'-0"x8'-0"	2	16.00		14.00	448.00	Sft.		
	Console Room 16'-0"x8'-0"	2	8.00		14.00	224.00	Sft.		

	Toilet 5'-0"x3'-9"	4	5.00		14.00	280.00	Sft.		
	Toilet 5'-0"x3'-9"	4	3.75		14.00	210.00	Sft.		
	Radiology Store 10'-3"x8'-0"	2	10.25		14.00	287.00	Sft.		
	Radiology Store 10'-3"x8'-0"	2	8.00		14.00	224.00	Sft.		
						9,046.24	Sft.		
35	Providing and applying three coats with weather shield paint of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc.								
	External Wall Surface	2	52.75		16.50	1,740.75	Sft.		
	External Wall Surface	2	44.92		16.50	1,482.36	Sft.		
						3,223.11	Sft.		
36	Providing and fixing Gypsum false ceiling size (2' x 2' x 3/4") Tiles i.c cost of alluminum T & angle, hanger lips jointing clip and G.I. wire etc. complete.								
	Cabinet / UPS Room 15'-0"x10'-0"	1	15.00	10.00		150.00	Sft.		
	CT Scanning Room 23'-0"x15'-0"	1	23.00	15.00		345.00	Sft.		
	Console Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		
	Radiologist Room 15'-0"x8'-0"	1	15.00	8.00		120.00	Sft.		
	Change 6'-1½"x5'-3"	2	6.12	5.25		64.26	Sft.		
	Preparation Room 18'-9" x 10'-11"	1	18.75	10.92		204.75	Sft.		
	Corridor 26'-0" x 10'-11"	1	26.00	10.92		283.92	Sft.		
	Cabinet / UPS Room 16'-0"x10'-0"	1	16.00	10.00		160.00	Sft.		
	CT Scanning Room 23'-0"x16'-0"	1	23.00	16.00		368.00	Sft.		

	Console Room 16'-0"x8'-0"	1	16.00	8.00		128.00	Sft.		
	Toilet 5'-0"x3'-9"	2	5.00	3.75		37.50	Sft.		
	Radiology Store 10'-3"x8'-0"	1	10.25	8.00		82.00	Sft.		
						2,063.43	Sft.		
37	Providing and fixing Metal (Dampa) false ceiling size (2' x 2' x 3/4") Tiles i.c cost of alluminum T & angle, hanger lips jointing clip and G.I. wire etc. complete.								
	Toilet 5'-0"x3'-9"	2	5.00	3.75		37.50	Sft.		
	ELECTRICAL WORKS								
38	Wiring from switch board to first light point with 2x1.5 sq.mm + ECC 1x1.5 sqmm as direction by site Engineer	65				65.00	Nos.		
39	Wiring from light point to light point with 2x1.5 sq.mm + ECC 1x1.5 sqmm as direction by site Engineer	65				65.00	Nos.		
40	Wiring of 13A switch socket for circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from DB to first socket point with all required installation accessories, complete in all respect as shown on drawings.	15				15.00	Nos.		
41	Wiring of 13A switch socket for circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from Socket to socket point with all required installation accessories, complete in all respect as shown on drawings.	12				12.00	Nos.		

42	Wiring of 15A switch socket for Raw circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from DB to first outlet point with all required installation accessories, complete in all respect as shown on drawings.	15				15.00	Nos.		
43	Wiring of 15A switch socket for Raw circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from Outlet to outlet point with all required installation accessories, complete in all respect as shown on drawings.	12				12.00	Nos.		
44	Providing and fixing Distribution board as per drawing and as per site requirement	4				4.00	Nos.		
45	Providing and fixing concealed / surface light 12"x48" or 24"x24" LED panel light	80				80.00	Nos.		
46	Providing and fixing Ceiling LED light 18 watts 8" dia	50				50.00	Nos.		
47	Supply and installation of following 5/15 Amps, one-way gang type switches / socket outlets including back boxes, recessed on wall or column as per design drawings.								
	10A, 220V One Gang Switch Unit	12				12.00	Nos.		
	10A, 220V Two Gang Switch Unit	12				12.00	Nos.		
	10A, 220V Three Gang Switch Unit	16				16.00	Nos.		
	10A, 220V Four Gang Switch Unit	25				25.00	Nos.		

	10A, 220V Five Gang Switch Unit	25				25.00	Nos.		
	One Gang Dimmer	4				4.00	Nos.		
	13A Switch socket	27				27.00	Nos.		
	15A Switch socket	27				27.00	Nos.		
	Multi Power Plug	10				10.00	Nos.		
48	Supply, Laying, Installation, Testing and commissioning of following size of CU/PVC Cables for main/ Sub main Distribution Panels in already installed PVC conduit / cable tray including all accessories, complete in all respect as shown on drawing.								
	4C-10 sqmm CU/PVC/PVC + ECC 6 sqmm PVC	1	50.00			50.00	RM		
	4C-25 sqmm CU/PVC/PVC + ECC 10 sqmm PVC	1	50.00			50.00	RM		
	4C-35 sqmm CU/PVC/PVC + ECC 16 sqmm PVC	1	100.00			100.00	RM		
	4C-120 sqmm CU/PVC/PVC + ECC 70 sqmm PVC	1	50.00			50.00	RM		
49	Providing and fixing Split Air-Conditioner wall mounted of 1.50Tr including its Outer Bracket and installation complete.	5				5.00	Nos.		
50	Providing and fixing Split Air-Conditioner Floor Standing of 4.0Tr including its Outer Bracket and installation complete.	4				4.00	Nos.		
51	Providing and fixing additional Copper Piping of 1/2" & 1/4", with Areoflex and Control wire	1	50.00			50.00	Rft.		

52	Providing and fixing additional Copper Piping of 3/4" & 3/8", with Areoflex and Control wire	1	50.00			50.00	Rft.		
53	Providing and fixing PVC Drain Pipe 3/4" Dia	1	100.00			100.00	Rft.		
	DATA / VOICE								
54	CAT-6 cable for Voice and Data communication from each workstation to Com-Rack in 25mm dia PVC conduit. Complete in all respects. Note: Contractor Should be verify the Length before commencement of Work.	1	610.00			610.00	RM		
55	Duplex Face plate Cat-6 RJ-45 I/O for Data and Voice complete with shuttered click-ins, labels and all accessories including back box, recessed on wall or column as per design drawings.	40				40.00	Nos.		
56	For Data & Voice Rack 24U height, 24" width and 24" depth. suitable for installation of standard patch panels and etc. Complete wall mounted, vertical cable managers. Rack shall be equipped with power distribution units (PDUs) with at least 5 imported power sockets etc. Complete in all respects. Com-Rack should be energize with UPS Power Supply.	2				2.00	Nos.		
57	Cisco Catalyst 2960-X 24 Gigabit PoE 370W, 4 x 1G SFP, LAN Base for Data (Installed at com rack)	2				2.00	No.		
58	1 kVA UPS single IN and Single Out (No Interruption 10mints backup)	1				1.00	No.		

59	Programming, testing and commissioning of the complete system as per the Client requirement.	1				1.00	job		
	CCTV SYSTEM								
60	CAT-6 cable for CCTV in PVC conduit. Complete in all respects.	1	610.00			610.00	RM		
61	Wall bracket box Camera, PoE I.P, 2MP-IR-Camera with live and recording quality of minimum 15 fps, Varifocal Lens 3.3-12mm, DC12V along with all mounting accessories complete in all respects.	10				10.00	No.		
62	Up to 12 channel IP cameras can be connected; Supports decoding H.265+/H.265/H.264+/H.264 video formats; Up to 12 MP high-definition live view, storage and playback; Up to 256 Mbps high incoming bandwidth ensures IP cameras can be connected; 4 SATA interfaces for four 3.5-inch HDDs Up to 1 TB capacity for each HDD 2 HDMI and 1 VGA interfaces: HDMI interfaces support independent video output; 1 HDDs for continuous video recording; Compatible with third-party network cameras; 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 ×	1				1.00	No.		

	1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 4K resolution is only available for HDMI.								
63	24" LED Color Monitors to be installed with all connecting cords and mounting stands.	1				1.00	No.		
64	Programming, testing and commissioning of the complete system as per the Client requirement.	1				1.00	job		
	FIRE ALRAM								
65	02 Loops extendable to 4 loops Networkable Addressable Master FACP with Latest processor technology, handle to support 4 Nos Slave FACP in different building and communicate with them and generate SMS alert to 5 persons along with all required accessories as per EN-54 approval, including Power supply and 8 hour battery back up with charger.	1				1.00	No.		

66	Addressable optical smoke Detector with The ideal optical smoke detection for detecting visible smoke particles from smouldering fires, light smoke, burning plastic or liquids with smoke generation.	16				16.00	No.		
67	Addressable Heat Detector with Base and with Rate-of-rise heat detection, applicable for stable temperature conditions, where open fires and fast developing fires must be expected.	2				2.00	No.		
68	Addressable Sounder, Completely bus supplied addressable alarm devices with High sound pressure level of up to 97 dB(A) Cost-saving integration into the Activation of up to 64 alarm devices per loop- Multilingual voice alarm function in 5 languages must have 20 different international signal tones incl. DIN-tone available Full compliance with EN 54-3 & EN 54-23 Synchronized activation within loop and panel Simple and Built-in isolator in each alarm device	1				1.00	No.		
69	Addressable Break Glass Type Manual Call Point, Meets EN 54-11 requirements Complete detectors or electronic modules selectable depending on area of usage Space-saving flat design must have Test function, reset and opening of the case easy with the supplied key	1				1.00	No.		

70	2C-1.5 Sq.mm Fire Retardant shielded cable with fire rating of 30min sustain. (Internal looping) Before Commencement of Work Contractor to be verify the cable length.	1	305.00			305.00	RM		
71	2C-1.5 Sq.mm Fire Retardant shielded cable with fire rating of 30min sustain. 2 Loop Before Commencement of Work Contractor to be verify the cable length.	1	305.00			305.00	RM		
72	Programming, testing and commissioning of the complete system as per the Client requirement.	1				1.00	job		
	Providing and fixing of DCP fire extinguisher 9 kg	4				4.00	No.		
	Providing and fixing of CO2 fire extinguisher 7 kg	4				4.00	No.		
	PLUMBING WORKS								
	SANITARY FITTINGS								
	CP Toilet paper roll holder Master/ Porta or approved equal complete with accessories.	2				2.00	No.		
	Providing and fixing European type white glazed earthen ware wash down W.C. pan complete with & including the cost of white / black plastic seat (Best quality) and lid with C.P. brass hinges best quality and buffers 3 gallons white glazed earthen ware low level flushing cistem with siphon fitting 1½ " dia white porcelain enameled flush bend dia and making requisite number of holes in walls , plinth & floor for pipe connection & making good in cement concrete 1:2:4	2				2.00	No.		

Supplying & fixing C.P muslim shower with double bib cock and ring pipe etc. complete	2					2.00	No.		
Wash basins, single center hole, suitable for counter top fittings for below, Porta Model No. HD-16 or approved equal	2					2.00	Nos.		
Providing & Fixing of Basin Mixer Zelver (Imported) or approved equal	2					2.00	No.		
CP Tee valves for wash basins / EWC / AWC/ , CP connections with nutes, fittings and complete with all accessories, Zelver (Imported) or approved equal.	4					4.00	No.		
Providing & Fixing of Double Bib Cock Zelver (Imported) or approved equal	2					2.00	No.		
Liquid Soap Dispenser Zelver	2					2.00	No.		
Soap Dish Zelver	2					2.00	No.		
Mirror	2					2.00	No.		
WATER DISTRIBUTION SYSTEM									
PPR PN 20 piping for cold water system, with fittings, specialties, including all cutting, fitting, fixing and cleaning, wall and slab sleeves, CP clamps, hangers and supports, making connection with fixtures, valves and specialties, chiseling, making wall an floor openings and making good, pressure testing at a pressure of 250 psig, painting of exposed piping in occupied areas with primer and coats of approved paint in approved color complete in all respect.									
1/2" (outer dia 25 mm)	1	50				50.00	Rft.		
3/4" (outer dia 32 mm)	1	20				20.00	Rft.		
1" (outer dia 40 mm)	1	20				20.00	Rft.		
1 1/2" (outer dia 63 mm)	1	20				20.00	Rft.		
2" (outer dia 75 mm)	1	20				20.00	Rft.		

P/F GI Pipe 3" Dia i/c All Specials & Fittings in Floor & Walls i/c cost of Bitumen Tape Wrapping, excavation if required and Bracing Clips etc. complete.								
Gate Valve 25mm Dia	2				2.00	No.		
Gate Valve 40mm Dia	2				2.00	No.		
Gate Valve 63mm Dia	2				2.00	No.		
SOIL, WASTE AND VENT SYSTEM								
UPVC Class D piping including all fittings, sockets, hangers and specials for soil and waste stacks and horizontal runs buried in ground or above false ceiling, in shafts exposed or concealed in floors and walls and connecting to manholes, including cutting, fitting, chiseling, making good, fixing and cleaning, wall and slab openings complete in all respect.								
2" dia	1	10			10.00	Rft.		
3" dia	1	10			10.00	Rft.		
4" dia	1	10			10.00	Rft.		
6" dia	1	100			100.00	Rft.		
UPVC Class D piping including all fittings, sockets, hangers and specials for vent stacks and horizontal runs buried in ground or above false ceiling, in shafts exposed or concealed in floors and walls and connecting to manholes, including cutting, fitting, chiseling, making good, fixing and cleaning, wall and slab openings complete in all respect.								
3" dia	1	20			20.00	Rft.		
4" dia	1	20			20.00	Rft.		
Vent cowl complete in all respect								
3" dia	1				1.00	No.		
4" dia	1				1.00	No.		

RCC piping including all fittings and specials for external soil and waste piping buried in the ground and connections to manhole including cutting, fitting, chiseling jointing, testing of individual pipes and specials over a test bed prior to laying, progressive testing in segments after laying and final testing of completed system as specified test pressure in all respect.									
10" dia	1	150			150.00	Rft.			
Floor drains complete in all respect.									
3" dia	1				1.00	No.			
Clean outs, polished bronze top with bronze grating and trap including jointing and testing complete in all respect.									
3" dia	1				1.00	No.			
4" dia	1				1.00	No.			
Waste Pipe with Jali complete with accessories.	2				2.00	Nos.			
Gully trap complete with accessories.	1				1.00	No.			
Over head tank filling pump 2 HP	1				1.00	No.			
Manholes complete in all respect	2				2.00	No.			
Making Connection of Sewer Line to Main Line i/c Excavation, Cutting of CC / RCC structures by Jack Hammer Etc. in alignment of trench also cutting existing Main Line Manhole and making good also including Pipe and Back filling & compacting etc. i/c Relocating of existing services lines complete.	1				1.00	Job			
Total Cost									

As required, following pay order/demand draft is enclosed on account of Bid Security:

No: _____ Dated _____ Rs. _____ drawn on _____

Bank _____

Signature of Contractor / Supplier: _____

Name of Firm with full Address: _____

Email Address: _____

Phone: Off. _____ Fax: _____ Res: _____ Mobile: _____