

SPPRA CONTENTS OF BIDDING DOCUMENTS

Rule: 21 CONTENTS OF BIDDING DOCUMENTS

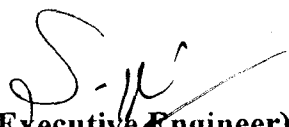
(1) The Bidding Documents shall include the following information:

| S.NO | Description | Remarks |
|------|--|---|
| a | Letter of invitation for bid; | NIT No. 183 Dated. 10-3-2016 Attached |
| b | Data sheet containing information about the assignment; | Attached |
| c | Instructions of preparing bids; | Attached |
| d | Amount and manner of payment of bid security and performance guarantee (where applicable); | Attached |
| e | Manner and place, date and time for submission of bidding documents; | Attached |
| f | Manner place, date and time of opening of bids; | Described / shown |
| g | Method of procurement used; | Single Envelope |
| h | A detailed and unambiguous evaluation criteria | Attached |
| i | Terms and conditions of the contract agreements as for as already known by the procuring agency; | Attached |
| j | Terms of Reference technical specification of goods, works or services to be procured, subject to Rule 13; | Attached |
| k | Manner in which tender price is to be assessed and computed including information about tax liability; | Described |
| l | Currency in which tender price is to be formulated and expressed; | Pak Rupees |
| m | Bid validity period; | 90 days |
| n | A copy of integrity pact to be signed by the parties (where applicable); | Attached |
| o | Any other information which is specified in regulations to be issued by the Authority. | Attached |

(2) Any information that becomes necessary for bidding or for bid evaluation, after the invitation to bid or issue of the bidding documents to the interested bidders, shall be provided in a timely manner and on equal opportunity basis. Where notification of such change, addition, modification or deletion becomes essential, such notification shall be made in a manner similar to the original advertisement.

(3) Procuring agencies shall use standard bidding documents as and when notified by the Authority;

Providing that bidding documents already in use of procuring agencies may be retained in their respective usage to the extent they are not inconsistent with these rules and till such time that the standard bidding documents are notified.


(Executive Engineer)
Buildings Division, Larkano

INTEGRITY PACT

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

Contract Number: _____ Dated _____

Contract Value: Rs: _____

Contract Title: _____

[Name of Supplier/Contractor/Consultant] hereby declares that it has not obtained or induces 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, [Name of Supplier/Contractor/Consultant] Represents and warrants that it has fully declared the brokerage, commission, fees etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from Procuring Agency (PA), except that which has been expressly declared pursuant hereof.

[Name of Supplier/Contractor/Consultant] 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.

[Name of Supplier/Contractor/Consultant] accept 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

[Name of Supplier/Contractor/Consultant] accept 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.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
LARKANO

[Supplier/Contractor/Consultant]

SPPRA BIDDING DOCUMENT

STANDARD FORM OF BIDDING DOCUMENT

FOR

PROCUREMENT OF WORKS

(For Contracts (Small) amounting between Rs.2.5 million to Rs.50 million)

INSTRUCTIONS TO PROCURING AGENCIES



INSTRUCTIONS TO PROCURING AGENCIES
(Not to be included in Bidding Documents)

A. Basis of Documents

These Documents have been prepared as a global document intended to be used by different agencies/users according to their requirements. This document is envisaged for National Competitive Bidding (NCB), meant for use for Works costing not more than Rs. 25 Million. These documents may be tailored according to the scope of works as well as in case of contracts on International Competitive Bidding (ICB) basis, funded by international financial institutions/donors, with payments in foreign currencies. Procuring agencies are then to tailor the relevant clauses to suit their requirements including appropriate modifications in the relevant sections of the documents in the light of SPPRA Bidding Documents for Large Works.

The Procuring Agency is expected to manage the Contract itself. The role of Engineer may be added by the Procuring Agency, if the Procuring Agency wishes to engage a consultant. The role of the Engineer with specific delegated powers under various clauses of Instructions to Bidders such as clarifications of Bid Documents, Amendment of Bid Documents, evaluation of Bids etc. and to administer the Contract under various clauses of Conditions of Contract should have been specified. The Procuring Agency will be required to set out in the specifications and drawings the full scope of work including the extent of design to be done by the Contractor, if any.

B. Contents of Documents

As stated in Clause IB.4 of Instructions to Bidders, the complete Bidding Documents in addition to Invitation for Bids shall comprise items listed therein including any addendum to Bidding Documents issued in accordance with IB.6. The Standard Form of Bidding Documents (for Small Contracts) includes the following:

1. Instructions to Bidders & Bidding Data
2. Form of Bid & Schedules to Bid
3. Conditions of Contract & Contract Data
4. Standard Forms
5. Specifications
6. Drawings, if any

In addition, Instructions to procuring agencies are also provided at various locations of this document within parenthesis or as a Note(s). Procuring agencies are expected to edit or finalise this document accordingly, by filling in all the relevant blank spaces and forms as per the scope of the work, deleting all notes and instructions intended to help the bidders.

The procuring agency is required to prepare the following for completion of the Bidding Documents:

- (i) Invitation for Bids



- (ii) Bidding Data
- (iii) Schedules to Bid (Samples)
- (iv) Schedule of Prices (Format)
- (v) Contract Data
- (vi) Specifications
- (vii) Drawings, if any

The Procuring agency's attention is drawn to the following while finalizing the Bidding Documents.

C. Notice Inviting Tender/ Invitation for Bids/ Request for Expression of Interest

The "Notice Inviting Tender" is meant for publication of tenders for calling bids in the newspapers and SPPRA Website.

The blank spaces wherever shown are required to be filled by the Procuring Agency before issuance of Bidding Documents.

The Procuring Agency may modify para 1 of Notice Inviting Tender as per its requirements. The notice should be published so as to give the interested bidders sufficient working period for preparation and submission of bids – not less than 15 days for National Competitive Bidding and 45 days for International Competitive Bidding (SPP Rule 18).

1. The eligible bidders are defined in IB.2; the text can be amended by the Procuring Agency as deemed appropriate.
2. The non-refundable fee for the sale of Bidding Documents should be nominal so as to cover printing/reproduction and mailing costs and to ensure that only bona-fide bidders shall apply (SPP Rule 20).
3. The amount of Bid Security should be a lump sum figure or a percentage, but not less than 1% and more than 5% of bid price and should be in accordance with IB.13.1 (SPP Rule 37).
4. If the venue of receipt of bids and the opening of bids is the same, the times for receipt and opening of bids are to be entered in last Para of the Notice Inviting Tender, otherwise indicate the name, address and exact location for the opening of bids. However the date for the receipt and the opening of bids shall be same (SPP Rule 41).

D. Instructions to Bidders

These Instructions to Bidders will not be part of Contract and will cease to have effect once the Contract is signed along with Bidding Data.

The Instructions to Bidders can be used as given. Procuring agency may have to make changes under Bidding Data.

The Procuring Agency's or Engineer's Representative, if any, shall exercise powers of the Engineer/Procuring Agency under and in connection with Clauses IB.5, IB.6, IB.16, etc. In



case an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly to specify the role of the Engineer by the Procuring Agency, otherwise the Engineer's reference wherever exist, except Sub-Clause 1.1.20 & Clause 15 of Conditions of Contract and Item 1.1.20 of Contract Data, shall be deleted.

E. Bidding Data

The blank spaces wherever shown in Bidding Data are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Contents of IB.10.3 may be retained or modified by the Procuring Agency.
2. Procuring Agency should insert required experience in IB.11.2.
3. Referring to IB.14.1, the period of bid validity may range from 30 to 90 days depending upon the size and nature of the works. Number of days shall be filled in as per Procuring Agency's requirements.
4. Contents of IB.16.3 to IB.16.8 may be retained or modified by the Procuring Agency in accordance with its requirements.

F. Schedules to Bid

Specimen of Schedules to Bid including format of Schedule of Prices are provided in this document. The Procuring Agency may add/delete/modify as per its requirement.

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents except those required to be provided by the Contractor.

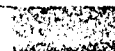
G. Conditions of Contract

The procuring agency while preparing Contract Data, shall ensure that no Clause of Conditions of Contract is deleted and that the changes included in Contract Data shall be such as not to change the spirit of the document. Any adjustment or change in clauses of Conditions of Contract to meet specific project features shall be made with care and incorporated in Contract Data.

H. Contract Data

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Referring to Sub-Clause 1.1.1 of Conditions of Contract, the Engineer/Procuring Agency may add, in order of priority, such other documents as to form part of the Contract, in Sub-Clause 1.3 of the Contract Data.
2. The Procuring Agency's Representative, if any, shall exercise powers of the Procuring Agency under and in connection with Sub-Clauses 1.3, 2.3, 4.2, 4.3, 5.1, 7.3, 8.2, 9.1, 9.2, 10.1, 10.2, 10.5, 11.1, 11.5, 12.1, 13.2 and 14.1 of the Conditions of Contract. In case an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly by the Procuring Agency.



3. The sum insured for different insurances including minimum amount of third party insurance should be assessed by the Engineer/Procuring Agency and entered in Contract Data. Such insurance cover shall be carried out with Insurance Company having at least AA rating from PACRA / JCR in the favour of the procuring agency.
4. The time for completion of the whole of the works should be assessed by the Engineer/Procuring Agency and entered in the Contract Data.
5. The Conditions of Contract contain no overall limit on the Contractor's liability. The amount of **liquidated damages** per day of delay shall be entered by the Engineer/Procuring Agency in Contract Data. Usually the liquidated damages are set between **0.05 percent and 0.10 percent per day and the maximum limit as 10 percent of contract price stated in the Letter of Acceptance.**
6. Any amendment and/or additions to the Conditions of the Contract that are specific to a given Bid/Contract should be included by the Procuring agency. This may include but not be limited to the provisions regarding the following:
 - a) Terms of Payment should be prepared and incorporated in Contract Data by the Engineer/Procuring Agency.
 - b) The Engineer/Procuring Agency to make sure that all taxes and duties are included by the Bidders/Contractors in their prices.

I. Specifications

To be prepared and incorporated by the Engineer/Procuring Agency

J. Drawings

To be prepared and incorporated by the Engineer/Procuring Agency, if required.



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INVITATION FOR BIDS



INVITATION FOR BIDS

Date: _____

Bid Reference No.: _____

1. The Procuring Agency, _____ [enter name of the procuring agency], invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the appropriate category(not required for works costing Rs 2.5 million or less) and/or duly pre-qualified(if pre-qualification is done for specific scheme/project) with the Procuring Agency for the Works, _____[enter title, type and financial volume of work], which will be completed in _____ [enter appropriate time period] days.
2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees _____(Insert Amount). Bidders may acquire the Bidding Documents from the Office of the Procuring Agency, at _____ (Mailing Address).
3. All bids must be accompanied by a Bid Security in the amount of Rs. _____ (Rupees _____) or _____percentage of bid price in the form of (pay order / demand draft / bank guarantee) and must be delivered to _____(Indicate Address and Exact Location) at or before _____ hours, on _____ (Date). Bids will be opened at _____ hours on the same day in the presence of bidders' representatives who choose to attend, at the same address [indicate the address if it differs].

[Note: 1. Procuring Agency to enter the requisite information in blank spaces.
2. The bid shall be opened within one hour after the deadline for submission of bids.]



INSTRUCTIONS TO BIDDERS & BIDDING DATA

Notes on the Instructions to Bidders

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are not normally included in this Section, but rather in the appropriate sections of the *Conditions of Contract* and/or *Contract Data*.

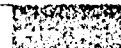
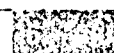


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INSTRUCTIONS TO BIDDERS

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

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

The Procuring Agency as defined in the Bidding Data (hereinafter called "the Procuring Agency") wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as "the Works").

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

1.2 Source of Funds

The Procuring Agency has arranged funds from its own sources or *Federal/ Provincial /Donor agency or any other source*, which may be indicated accordingly in bidding data towards the cost of the project/scheme.

IB.2 Eligible Bidders

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

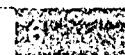
- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 2.5 million or less shall not require any registration with PEC .

- b) duly pre-qualified with the Procuring Agency. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

- c) if prequalification has not undertaken , the procuring agency may ask information and documents not limited to following:-
 - (i) company profile;
 - (ii) works of similar nature and size for each performed in last 3/5 years;
 - (iii) construction equipments;
 - (iv) qualification and experience of technical personnel and key site management;



- (v) financial statement of last 3 years;
- (vi) information regarding litigations and abandoned works if any.

IB.3 Cost of Bidding

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

B. BIDDING DOCUMENTS

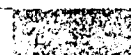
IB.4 Contents of Bidding Documents

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

1. Instructions to Bidders & Bidding Data
2. Form of Bid, Qualification Information & Schedules to Bid
Schedules to Bid comprise the following:
 - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be Performed by Subcontractors
 - (iv) Schedule D: Proposed Programme of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)
3. Conditions of Contract & Contract Data
4. Standard Forms:
 - (i) Form of Bid Security,
 - (ii) Form of Performance Security;
 - (iii) Form of Contract Agreement;
 - (iv) Form of Bank Guarantee for Advance Payment.
5. Specifications
6. Drawings, if any

IB.5 Clarification of Bidding Documents

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Procuring Agency at the Engineer's/ Procuring Agency's address indicated in the Bidding Data.
- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification



of contents of bidding documents in writing and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

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

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

C. PREPARATION OF BIDS

IB.7 Language of Bid

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

IB.8 Documents Comprising the Bid

- 8.1 The Bid submitted by the bidder shall comprise the following:
 - (a) Offer /Covering Letter
 - (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
 - (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with IB.14.3.
 - (d) Bid Security furnished in accordance with IB.13.
 - (e) Power of Attorney in accordance with IB 14.5.
 - (f) Documentary evidence in accordance with IB.2(c) & IB.11
 - (g) Documentary evidence in accordance with IB.12.

IB.9 Sufficiency of Bid

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

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

1B.10 Bid Prices, Currency of Bid and Payment

- 10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.
- 10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

1B.11 Documents Establishing Bidder's Eligibility and Qualifications

- 11.1 Pursuant to Clause 1B.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
- 11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

1B.12 Documents Establishing Works' Conformity to Bidding Documents

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



IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Payee's Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Procuring Agency valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 1%.and not exceeding 5% of bid price/estimated cost SPP Rule 37*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
- (a) if a bidder withdraws his bid during the period of bid validity; or
 - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
 - (c) in the case of a successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security or
 - (ii) sign the Contract Agreement.

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

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.
- 14.2 In exceptional circumstances, Procuring Agency may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.



- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorising the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

D. SUBMISSION OF BID

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

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
 - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to IB.13.5 (a).



E. BID OPENING AND EVALUATION

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

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

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

- 16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).

- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.

- (b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

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

- 16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.
- 16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency,



provided such waiver does not prejudice or affect the relative ranking of any other bidders.

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

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

(B) Minor Deviations

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

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

Technical Evaluation: It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

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

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.



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

IB.17 Process to be Confidential

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

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

17.3 Bidders may be excluded if involved in **"Corrupt and Fraudulent Practices"** means either one or any combination of the practices given below SPP Rule 2(q);

(i) **"Coercive Practice"** means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;

(ii) **"Collusive Practice"** means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;

(iii) **"Corrupt Practice"** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

(iv) **"Fraudulent Practice"** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(v) **"Obstructive Practice"** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.



F. AWARD OF CONTRACT

IB.18. Post Qualification

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

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

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

IB.19 Award Criteria & Procuring Agency's Right

- 19.1 Subject to IB.19.2, the Procuring Agency will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactory perform the Contract in accordance with the provisions of the IB.18.
- 19.2 Notwithstanding IB.19.1, the Procuring Agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Procuring Agency's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

IB.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Agency, the Procuring Agency will notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted (SPP Rule 49).
- 20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Agency will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Procuring Agency and the successful bidder duly stamped at rate of ----% of bid price(updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Agency.

IB.21 Performance Security

- 21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.
- 21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:
- (1) Evaluation Report;
 - (2) Form of Contract and letter of Award;
 - (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 50)

IB.22 Integrity Pact The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-I' to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive (SPP Rule 89).



BIDDING DATA

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

Instructions to Bidders

Clause Reference

1.1 Name of Procuring Agency

(Insert name of the Procuring Agency)

Brief Description of Works

5.1 (a) Procuring Agency's address:

(Insert address of the Procuring Agency with telex/fax)

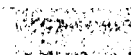
(b) Engineer's address:

(Insert name and address of the Engineer, if any, with telex/fax.)

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

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

- i. Financial capacity: *(must have turnover of Rs----Million);*
- ii. Technical capacity: *(mention the appropriate category of registration with PEC and qualification and experience of the staff);*
- iii. Construction Capacity: *(mention the names and number of equipments required for the work).*



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

13.1 Amount of Bid Security

(Fill in lump sum amount or in % age of bid amount /estimated cost, but not below 1% and not exceeding 5%)

14.1 Period of Bid Validity

(Fill in "number of days" not exceeding 90)

14.4 Number of Copies of the Bid to be submitted:

One original plus _____ copies.

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

(insert postal address or location of bid box for delivery by hand)

15.1 Deadline for Submission of Bids

Time: _____ AM/PM on _____.

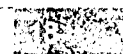
16.1 Venue, Time, and Date of Bid Opening

Venue: _____

Time: _____ Date: _____

16.4 Responsiveness of Bids

- (i) Bid is valid till required period,



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

*Procuring agency can adopt either of two options. (*Select either of them*)

- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.
- (b) **Price adjustment contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.



FORM OF BID AND SCHEDULES TO BID



FORM OF BID
(LETTER OF OFFER)

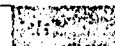
Bid Reference No. _____

(Name of Works)

To:

Gentlemen,

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



referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this _____ day of _____, 20

Signature _____

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

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

Name: _____

Address: _____



[SCHEDULES TO BID INCLUDE THE FOLLOWING:

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



SCHEDULE – A TO BID

SCHEDULE OF PRICES

| <u>Sr. No.</u> | | <u>Page No.</u> |
|----------------|---|-----------------|
| 1. | Preamble to Schedule of Prices..... | 24 |
| 2. | Schedule of Prices..... | 26 |
| | * (a) Summary of Bid Prices | |
| | * (b) Detailed Schedule of Prices /Bill of Quantities (BOQ) | |

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



PREAMBLE TO SCHEDULE OF PRICES

1. General

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

2. Description

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

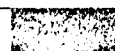
3. Units & Abbreviations

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

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

4. Rates and Prices

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



SCHEDULE - A TO BID

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

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

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

**(Procuring Agency may modify as appropriate)*

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

5. Bid Prices

5.1 Break-up of Bid Prices

The various elements of Bid Prices shall be quoted as detailed by the Procuring Agency in the format of Schedule of Prices.

The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

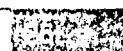
5.2 Total Bid Price

The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums and Day work

- 6.1 Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Procuring Agency. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Procuring Agency to utilize such sums.

- 6.2 Day work rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.



SCHEDULE - A TO BID

SCHEDULE OF PRICES – SUMMARY OF BID PRICES (Sample)

| Bill No. | Description | Total Amount (Rs) |
|----------|---|-------------------|
| | (A) Building Work | |
| 1. | Civil works | |
| 2. | Internal sanitary and water supply | |
| 3. | Electrification | |
| 4. | External Development works | |
| 5. | Miscellaneous Items | |
| | (B) Road Work. | |
| 1. | Earthwork | |
| 2. | Hard Crust and Surface Treatment | |
| 3. | Culverts and Bridges | |
| 4. | Miscellaneous Items | |
| | (C) Public Health Engineering Works. | |
| 1. | Earthwork | |
| 2. | Subsurface Drains | |
| 3. | Pipe Laying and Man holes | |
| 4. | Tube wells, Pump houses | |
| 5. | Compound wall | |
| 6. | Miscellaneous Items | |
| | Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words). | |

SCHEDULE - A TO BID

SCHEDULE OF PRICES

| Item No. | Description | Quantity | Unit Rate(Rs) | Total Amount (Rs) |
|---|--|----------|---------------|-------------------|
| 1. 2. 3. | I. (Civil works) | | | |
| 1. 2. 3. | II. Internal sanitary and water supply. | | | |
| 1. 2. 3. | III. Electrification. | | | |
| 1. 2. 3. | IV. External Development works. | | | |
| 1. 2. 3. | V. Miscellaneous Items | | | |
| Total (to be carried to Summary of Bid Price) <i>Add/ Deduct the percentage quoted above/below on the prices of items based on Composite Schedule of Rates.</i> | | | | |



SCHEDULE - B TO BID

***SPECIFIC WORKS DATA**

(To be prepared and incorporated by the Procuring Agency)

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

SCHEDULE – C TO BID

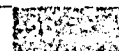
WORKS TO BE PERFORMED BY SUBCONTRACTORS*

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

| Items of Works to be Sub-Contracted | Name and address of Sub-Contractors | Statement of similar works previously executed. (<i>attach evidence</i>) |
|--|--|--|
|--|--|--|

Note:

- * *The Procuring Agency should decide whether to allow subcontracting or not.
In case Procuring Agency decides to allow subcontracting then following conditions shall be complied with:*
 1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Procuring Agency.
 2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Agency's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
 3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.



SCHEDULE – D TO BID

PROPOSED PROGRAMME OF WORKS

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

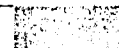


SCHEDULE – E TO BID

METHOD OF PERFORMING WORKS

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

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



SCHEDULE – F TO BID

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC
PAYABLE BY CONTRACTORS
(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)**

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

..... [name of Contractor] 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, [name of Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from, from Procuring Agency (PA) except that which has been expressly declared pursuant hereto.

[name of Contractor] accepts full responsibility and strict liability 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.

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

.....
[Procuring Agency]

[Contractor]



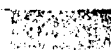
CONDITIONS OF CONTRACT



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CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1 Definitions

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

The Contract

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

Persons

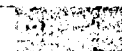
- 1.1.4 “Procuring Agency” means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 “Contractor” means the person named in the Contract Data and the legal successors in title to this person,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

Dates, Times and Periods

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

Money and Payments

- 1.1.10 “Cost” means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but



does not include any allowance for profit.

Other Definitions

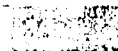
- 1.1.11 “Contractor’s Equipment” means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 “Country” means the Islamic Republic of Pakistan.
- 1.1.13 “Procuring Agency’s Risks” means those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

1.2 Interpretation

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

1.3 Priority of Documents

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



1.4 Law

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

1.5 Communications

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

1.6 Statutory Obligations

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

2. THE PROCURING AGENCY

2.1 Provision of Site

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

Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

2.2 Permits etc.

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

2.3 Engineer's/Procuring Agency's Instructions

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

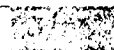
2.4 Approvals

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

3. ENGINEER'S/PROCURING AGENCY'S REPRESENTATIVES

3.1 Authorised Person

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



3.2 Engineer's/Procuring Agency's Representative

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

4. THE CONTRACTOR

4.1 General Obligations

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

4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Procuring Agency for such appointment which consent shall not be withheld without plausible reason(s) by the Procuring Agency. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Procuring Agency as aforesaid.

4.3 Subcontracting

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Procuring Agency.

4.4 Performance Security

The Contractor shall furnish to the Procuring Agency within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

5. DESIGN BY CONTRACTOR

5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Procuring Agency all designs prepared by him, within fourteen (14) days of receipt the Engineer/Procuring Agency shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The



Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Procuring Agency or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

5.2 Responsibility for Design

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

6. PROCURING AGENCY'S RISKS

6.1 The Procuring Agency's Risks

The Procuring Agency's Risks are:-

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



- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Procuring Agency and accepted by the Procuring Agency.

7. TIME FOR COMPLETION

7.1 Execution of the Works

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

7.2 Programme

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

7.3 Extension of Time

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

7.4 Late Completion

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

8. TAKING-OVER

8.1 Completion

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



8.2 Taking-Over Notice

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

9. REMEDYING DEFECTS

9.1 Remedying Defects

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Procuring Agency, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Procuring Agency/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Procuring Agency/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

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

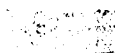
9.2 Uncovering and Testing

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

10. VARIATIONS AND CLAIMS

10.1 Right to Vary

The Procuring Agency/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Procuring Agency/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Procuring Agency/Engineer in writing and if the same are not refuted/denied by the Procuring Agency/Engineer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.



10.2 Valuation of Variations

Variations shall be valued as follows:

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

10.3 Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Procuring Agency/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Procuring Agency.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

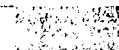
10.4 Early Warning

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

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

10.5 Valuation of Claims

If the Contractor incurs Cost as a result of any of the Procuring Agency's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any



Procuring Agency's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Procuring Agency within fourteen (14) days of the occurrence of cause.

10.6 Variation and Claim Procedure

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

11. CONTRACT PRICE AND PAYMENT

11.1 (a) Terms of Payments

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 11.3, be paid by the Procuring Agency to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Procuring Agency and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60 days after such Final Payment Certificate has been jointly verified by Procuring Agency and Contractor;

Provided that the Interim Payment shall be caused in thirty (30) days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Procuring Agency to make payment within 90 days then Procuring Agency shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid.

(b) Valuation of the Works

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

11.2 Monthly Statements

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

- a) the value of the Works executed less to the cumulative amount paid previously; and
- b) value of secured advance on the materials and valuation of variations (if any).

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



11.3 Interim Payments

Within a period not exceeding seven (07) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30/60) days from the said date of submission by the Contractor, the Procuring Agency shall pay to the Contractor the sum subject to adjustment for deduction of the advance payments and retention money.

11.4 Retention

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

11.5 Final Payment

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

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

11.6 Currency

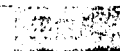
Payment shall be in the currency stated in the Contract Data.

12. DEFAULT

12.1 Defaults by Contractor

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

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



12.2 Defaults by Procuring Agency

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

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

12.3 Insolvency

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

12.4 Payment upon Termination

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

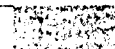
- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Procuring Agency is entitled,
- c) if the Procuring Agency has terminated under Sub-Clause 12.1 or 12.3, the Procuring Agency shall be entitled to a sum equivalent to twenty percent (20%) of the value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

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

13. RISKS AND RESPONSIBILITIES

13.1 Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care



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

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

13.2 Force Majeure

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

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

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

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

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

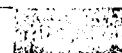
14. INSURANCE

14.1 Arrangements

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (c) and (i) of the Procuring Agency's Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Procuring Agency. The Contractor shall provide the Engineer/Procuring Agency with evidence that any required policy is in force and that the premiums have been paid.

14.2 Default

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Procuring Agency may, without prejudice to any other right or



remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

15. RESOLUTION OF DISPUTES

15.1 Engineer's Decision

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

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

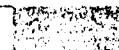
15.2 Notice of Dissatisfaction

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

If a contractor is dissatisfied with the decision of the Engineer of the department or decision is not given in time then he can approach Superintending Engineer within 14 days, in case of dissatisfaction with decision of Superintending Engineer or not decided within 28 days, then arbitration process would be adopted as per clause 15.3.

15.3 Arbitration

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



16.1 If the Contractor or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Procuring Agency shall be entitled to:

- (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
- (b) terminate the Contract; and
- (c) recover from the Contractor any loss or damage to the Procuring Agency as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

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

CONTRACT DATA

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

Sub-Clauses of

Conditions of Contract

1.1.3 Procuring Agency's Drawings, if any
(To be listed by the Procuring Agency)

1.1.4 The Procuring Agency means

1.1.5 The Contractor means

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** _____ days

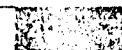
(The time for completion of the whole of the Works should be assessed by the Procuring Agency)

1.1.20 **Engineer** (mention the name along with the designation including whether he belongs to department or consultant) and other details

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

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

(The Procuring Agency may add, in order of priority, such other documents as form part of the Contract. Delete the document, if not applicable)



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

3.1 **Authorized person:** _____

3.2 **Name and address of Engineer's/Procuring Agency's representative**

4.4 **Performance Security:**

Amount _____

Validity _____

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

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

Specification Clause No's _____

7.2 **Programme:**

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

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

7.4 Amount payable due to failure to complete shall be ___% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance

(Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day.)

7.5 **Early Completion**

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

9.1 **Period for remedying defects**

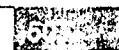
10.2 (c) **Variation procedures:**

Day work rates _____
_____ (details)

11.1 **Terms of Payments**

a) **Mobilization Advance**

- (1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:



- (i) on submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan to the Procuring Agency;
- (ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and
- (iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5th of the advance **inclusive of the interest** thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

2) Secured Advance on Materials

- (a) The Contractor shall be entitled to receive from the Procuring Agency Secured Advance against an INDENTURE BOND in P W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Procuring Agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:
 - (i) The materials are in accordance with the Specifications for the Permanent Works;
 - (ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;
 - (iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
 - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;
 - (v) Ownership of such materials shall be deemed to vest in the Procuring Agency and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Procuring Agency;
 - (vi) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;



- (vii) Secured Advance should not be allowed unless & until the previous advance, if any, fully recovered;
 - (viii) Detailed account of advances must be kept in part II of running account bill; and
 - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract
- (b) Recovery of Secured Advance:
- (i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.
 - (ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced by making deduction entries in the column; "deduct quantity utilized in work measured since previous bill," equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.
- (c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- (i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.
 - (ii) value of secured advance on the materials and valuation of variations (if any).
 - (iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
 - (v) Retention money and other advances are to be recovered from the bill submitted by contractor.
- 11.2 *(a) **Valuation of the Works:**
- i) Lump sum price _____ (details), or
 - ii) Lump sum price with schedules of rates _____ (details), or
 - iii) Lump sum price with bill of quantities _____ (details), or
 - iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on premium above or below quoted on the rates mentioned in CSR _____ (details), or/and
 - v) Cost reimbursable _____ (details)

11.5 Percentage of retention*: *five (5%)*

11.6 Currency of payment: Pak. Rupees

14.1 **Insurances:** *(Procuring Agency may decide, keeping in view the nature and the scope of the work)*

Type of cover

The Works

Amount of cover

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

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

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

Workers:

Other cover*:

(In each case name of insured is Contractor and Procuring Agency)

14.2 **Amount to be recovered**

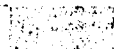
Premium plus _____ percent (____%).

15.3 **Arbitration****

Place of Arbitration: _____

* *(Procuring Agency to specify as appropriate)*

** *(It has to be in the Province of Sindh)*



STANDARD FORMS

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



FORM OF BID SECURITY
(Bank Guarantee)

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Procuring Agency)

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

Name of Principal (Bidder) with
address: _____

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

Bid Reference No. _____ Date of Bid _____

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

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

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

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Sub-Clause 1B-21.1 of Instructions to Bidders, or
 - (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses 1B-20.2 & 20.3 of Instructions to Bidders,



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

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

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

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

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

Guarantor (Bank)

Witness:

1. Signature _____

1. _____

2. Name _____

Corporate Secretary (Seal)

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)



FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No. _____
Executed on _____
Expiry Date _____

(Letter by the Guarantor to the Procuring Agency)

Name of Guarantor (Scheduled Bank in Pakistan) with

address: _____

Name of Principal (Contractor) with

address: _____

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

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Procuring Agency) in the penal sum of the amount stated above, for the payment of which sum well and truly to be made to the said Procuring Agency, 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 Procuring Agency'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 Procuring Agency, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall



be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

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

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

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

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

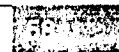
Guarantor (Bank)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)



FORM OF CONTRACT AGREEMENT

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

WHEREAS the Procuring Agency is desirous that certain Works, viz ____ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

Signature of the Contactor

(Seal)

Signature of the Procuring Agency

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

(Name, Title and Address)

Witness:

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Agency)

WHEREAS the _____ (hereinafter called the Procuring Agency) has entered into a Contract for

_____ (Particulars of Contract), with

_____ (hereinafter called the Contractor).

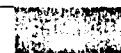
AND WHEREAS the Procuring Agency has agreed to advance to the Contractor, at the Contractor's request, an amount of Rs. _____ Rupees _____) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS the Procuring Agency has asked the Contractor to furnish Guarantee to secure the advance payment for the performance of his obligations under the said Contract.

AND WHEREAS _____ (Scheduled Bank) (hereinafter called the Guarantor) at the request of the Contractor and in consideration of the Procuring Agency 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 Procuring Agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Procuring Agency shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be given by the Procuring Agency 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 come into force as soon as the advance payment has been credited to the account of the Contractor.

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

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

Guarantor (Scheduled Bank)

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)



INDENTURE FOR SECURED ADVANCES.

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time).

This INDENTURE made the day of
-----197--" BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works).¹

AND WHEREAS the contractor has applied to the
----- for an advance to him of Rupees -----
(Rs.) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees, (Rs.) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (E), the said works signed by the contractor

Fin R.Form.17.A

on----- and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WITNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees -----
(Rs. -----) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow :-

(1) That the said sum of Rupees -----
(Rs. -----) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.



(2) That the materials detailed in the said Running Account Bill (B) which have been
Fin R Form No. 17-A

Offered to and accepted by (he Government as security for the said amount are absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

(3) That the said materials detailed in the said Running Account Bill (B) and all other
Fin. R. Form No. 17-A

Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in the execution of the said works in accordance with the directions of the Divisional Officer----- (hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a grater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) 'Hurt the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.

(7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve



percent per annum from the date or respective dates of such advance or advances to the date or repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of the default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees -
(Rs.) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these present PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best :-

- (a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.
- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents interest on the aid advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer..... Circle whose.....
decision shall be final and the provisions of the Indian Arbitration Act for the time being in force so far as they are applicable shall apply to any such reference.



In witnesses whereof the* ----- on behalf of the
Governor of Sindh and the said ----- - ----- --have hereunto set
their respective hands and seals the day and first above written.

Signed, sealed and delivered by* In
the presence of

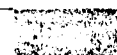
Seal

1st witness 2nd witness

Signed, sealed and delivered by* In
the presence of

Seal

1st Witness 2nd witness



SPECIFICATIONS

[Note for Preparing the Specifications]

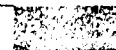
A set of precise and clear specifications is a prerequisite for bidders to respond realistically and competitively to the requirements of the user without qualifying their Bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, performance of the works. Only if this is done objectives of economy, efficiency, and fairness in procurement will be realized and responsiveness of Bids can be ensured, and the subsequent task of bid evaluation can be facilitated. The specifications should require that materials to be incorporated in the works be new, unused, and of the most recent or current models, and incorporated all recent improvements in design and materials unless provided for otherwise in the contract.

Samples of specifications from similar to previous procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the works and the repetitiveness of the type of procurement, it may be advantageous to standardize the Technical Specifications that should cover all classes of workmanship, materials and equipment although not necessarily to be used in a particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all conditions but not limited to seismic conditions, weather conditions and environmental impact. The specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Specifications.

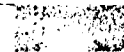
Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Specifications to specific standards and codes to be met by Works to be furnished and tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Other authoritative standards that ensure equivalence to the standards and codes specified will be acceptable.]



***DRAWINGS**

** (Note: The Engineer/Procuring Agency may incorporate specific Drawings for Bidding purposes only or may include the detailed drawings in a separate volume, if necessary).*



SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of remaining work of Library of
Dargah Jaral Shah Muhalla.

NIT Sr: No.01

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of remaing work of Library of Dargah Jarai Shah Muhalla
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 2,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 100,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~25-12~~ 2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 12 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

Schedule "B" for Construction for Remaining work for Library of Dargah Jaral Shah Muhallah Larkano.

Abstract Sheet

Part A Civil Work.

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|----------|--------|---------|
| 1 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16) | 624 | Cft: | 337 | P Cft: | 210,288 |
| 2 | Fabrication of Tor steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 31.20 | Cwt. | 5001.7 | P. Cwt | 156,053 |
| 3 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 2324 | Sft: | 2206.60 | % Sft: | 51,281 |
| 4 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 / P-51). | 2324 | Sft: | 2197.52 | % Sft: | 51,070 |
| 5 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 180 | Cft: | 14429.25 | % Cft | 25,973 |
| 6 | Laying white marble flooring fine dressed in the surface without winging set in line mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43) | 1122 | Sft: | 567.48 | P.Sft | 636,713 |
| 7 | P/F 3/8" thick marble tiles of approved quality and colour and shade size 8" x4" /6" x4" in dado skirting and facing removal /tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete (new works) (SINO.68,P/49). | 83 | Sft: | 186.04 | P.Sft | 15,441 |
| 8 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts chocks, cleats, handles and cords with hooks etc. Deodar paneled or and fully glazed (SINO: 7 (b), P-58). | 98 | Sft: | 1273.76 | P. Sft | 124,828 |
| 9 | Supplying & fixing in position iron / steel grill of 3/4"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 30 | Sft: | 180.90 | P. Sft | 5,427 |
| 10 | Galvanized wire gauze fixed to chowkats with 3/4" deodar strips & screws. (CSI No.14 (d) /P-67). | 30 | Sft: | 190.72 | P. Sft | 5,722 |
| 11 | S/F false ceiling of plaster of Paris, in pannels i/c making frame, work of deodar wood including painting with Soligia paint. (SI NO.52/ P-72). | 1122 | Sft: | 25293.42 | %Sft | 283,792 |
| 12 | Distempering in three coats. (SINO: 24 /P-53). | 1122 | Sft: | 1079.65 | %Sft | 12,114 |
| 13 | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink/ chalk/ plaster of paris mixture, applying first coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc: complete 2 nd & subsequent coat. (new surface) (SINO. 36, P/55) in. three coats. | 2324 | Sft: | 3444.38 | %Sft | 80,047 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|---------|------|---------|
| 14 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38,/ P/56). In three coats. | 2408 | Sft: | 2567.95 | %Sft | 61,836 |
| 15 | Preparing surface and painting of doors & windows any type, (including edge). (SINO. 5 (c), P/69). | 196 | Sft: | 2116.41 | %Sft | 4,148 |

Total Rs. 1,724,734

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Renovation of Highway colony & Building colony
Larkana (Balance work)

NIT Sr: No.02

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Renovation of Highway Colony & Building Colony Larkana (Balance Work)
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 4,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 200,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~5-04~~ 2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

Schedule "B" for the work Renovation of Highways & Building Colony Larkana Balance Work.

ABSTRACT SHEET

Part A Civil Work.

| S.# | Item of Work | Qty: | | Rate | Unit | Amount |
|-----|---|------|------|----------|---------|---------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04) . | 949 | Cft: | 3176.25 | %0 Cft: | 3,014 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 323 | Cft: | 8694.95 | % Cft | 28,085 |
| 3 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (CSI NO. 4, P- 20). | 496 | Cft: | 11948.36 | % Cft | 59,264 |
| 4 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 1.40 | Cwt: | 5001.70 | P.cwt: | 7,002 |
| 5 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(l)-P-16). | 44 | Cft: | 337 | P.Cft | 14,828 |
| 6 | Construction of standard open type drains connate blocks with C.C (1:2:4) in situ to the design profile i./c cost of mould as per drawing i/c applying floating coat of cement 1/32" thick to the exposed face finished smooth curing etc complete as per detailed drawing. (SINO. D, P- 58). A Drain Type | 122 | Rft: | 94 | P.Rft | 11,468 |
| 7 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). | 447 | Cft: | 1141.25 | % Cft | 5,101 |
| 8 | Cement Plaster 1:6 up to 12ft height 1/2" thick (SINO.13 (b) / P-51). | 5226 | Sft: | 2206.60 | % Sft: | 115,317 |
| 9 | Cement Plaster 1:4 3/8" thick up to 12ft height (SINO: 11 /P-51). | 5226 | Sft: | 2197.52 | % Sft: | 114,842 |
| 10 | Making and fixing steel grated doors complete with 1/16" thick sheeting i/c angle iron frame 2"x2" 3/8" and 3/4" square bars | 28 | Sft: | 726.72 | P.Sft: | 20,348 |
| 11 | P/L G.I. frame/chowkats of size 7"x2" or 4-1/2"x 3" for windows using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing (SINO: 28/ P-92). | 48 | Sft: | 240.50 | P.Sft: | 11,544 |
| 12 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts cleats handles and cords with hooks etc deodar paneled or and fully glazed (SI NO: 7 P-57). (only Shutter) | 22 | Sft: | 902.93 | P.Sft: | 19,864 |
| 13 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). (a) 1 1/2" thick | 282 | Sft: | 2548.29 | % Sft: | 7,186 |
| | (b) 2" thick. | 720 | Sft: | 3275.50 | % Sft: | 23,584 |
| | (c) 3" thick. | 150 | Sft: | 4411.82 | % Sft: | 6,618 |

| S.# | Item of Work | Qty: | | Rate | Unit | Amount |
|-----|---|------|------|----------|----------|---------|
| 14 | Two coats of bitumen laid hot using 34 Lbs for %sft. Ober roof and blinded with sand at one Cft. Per %Sft. (SINO.13, P/34). | 282 | Sft: | 1887.40 | % Sft: | 5,322 |
| 15 | Making holes up to 3" dia 18" depth in cement concrete or stone masonry walls and repairing. (SINO.15, P18). | 9 | hole | 592.90 | P. Holes | 5,336 |
| 16 | Cement Plaster 1:4 up to 12'ft height ½" thick (SINO.11 (b) / P-52). | 484 | Sft: | 2283.93 | % Sft: | 11,054 |
| 17 | Dismantling cement concrete plain 1:3:6. (SINO19 (b), P/10). | 625 | Cft: | 1306.80 | % Cft | 8,168 |
| 18 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 724 | Cft: | 14429.25 | % Cft | 104,468 |
| 19 | Removing cement or lime plaster. (SINO.53, P/13). | 4062 | Sft: | 121 | % Sft: | 4,915 |
| 20 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:6:12 (SINO: 4 P-14). | 625 | Cft: | 8122.95 | % Cft | 50,768 |
| 21 | Applying floating coat of cement ½" thick. (SINO.14, P/53). | 4062 | Sft: | 660 | % Sft: | 26,809 |
| 22 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 876 | Sft: | 30509.77 | % Sft: | 267,266 |
| 23 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43). (a) ¾" thick flooring. | 407 | Sft: | 567.48 | P.Sft: | 230,964 |
| 24 | Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x4"/6" x4" in dado skirting and facing removal /tucking of existing plaster surface etc. over ½" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete (old works) | 50 | Sft: | 201.07 | P.Sft: | 10,054 |
| 25 | Dismantling brick or flagged flooring without concrete foundation. (SINO.30, P/12). | 264 | Sft: | 257.13 | % Sft: | 679 |
| 26 | Providing & laying single layers of polythene sheet 0.13 mm thick for water proofing as per specification & instructions of Engineer In charge (SINO. 38/P-37). | 264 | Sft: | 10.70 | P.Sft: | 2,825 |
| 27 | Single layer of tiles 9"x4 ½" x2" laid over 4" erath 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs: bitumen coating sand blinded. (SINO.5, P/34). | 264 | Sft: | 5310.35 | % Sft: | 14,019 |
| 28 | Cement Pointing 1:2 flash on floor. (SINO. 18, P/53). | 264 | Sft: | 939.57 | % Sft: | 2,480 |
| 29 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 240 | Sft: | 27678.86 | % Sft: | 66,429 |
| 30 | Glazed tile dado ¼" thick laid in pigment over 1:2 cement sand mortar ¾" thick i/c finishing. (SINO 38/ P-45). | 1188 | Sft: | 28299.30 | % Sft: | 336,196 |
| 31 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts chocks, cleats, handles and cords with hooks etc. Deodar paneled or and fully glazed (SINO: 7 (b), P-58). | 105 | Sft: | 1273.76 | P.Sft: | 133,745 |

| S.# | Item of Work | Qty: | | Rate | Unit | Amount |
|-----|---|-------|------|---------|--------|---------|
| 32 | Galvanized wire gauze fixed to chowkats with 3/4" deodar strips & screws. (CSI No.14 (d) /P-67). | 72 | Sft: | 190.72 | P.Sft: | 13,732 |
| 33 | Scraping ordinary distemper, oil bound distemper or paint on walls (SINO.54 (b)/ P-13). | 15571 | Sft: | 226.88 | % Sft: | 35,327 |
| 34 | Distemping in two coats. (SINO: 24 (b)/P-54). | 3906 | Sft: | 1043.90 | % Sft: | 40,775 |
| 35 | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink/ chalk/ plaster of paris mixture, applying first coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc: complete 2 nd & subsequent coat. (new surface) (SINO. 36, P/55). | 15571 | Sft: | 2717.00 | %Sft: | 423,064 |
| 36 | Painting Old surface painting doors and windows any type. (SINO.4 (c) P/68). | 942 | Sft: | 1160.06 | % Sft: | 10,928 |
| 37 | P.N.S Preparing surface and painting of doors & windows any type, (including edge). (SINO. 5 (c), P/69). In three coats. | 210 | Sft: | 2116.41 | % Sft: | 4,444 |

Total Rs. #####

Part B W/S & S/F & P.H.S.I

| S.# | Item of Work | Qty: | | Rate | Unit | Amount |
|-----|---|------|------|---------|--------|--------|
| 1 | Excavation for pipe line in trenches i/c pits in soft soil or mud plaster i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting, joints holes & disposal of surplus earth within one chain or as directed by Engineer In charge i/c providing fence guards light flanges and temporary crossing for non vehicular traffic where ever required lift up to 5' and lead up to one chain. (PHSINO.1, P.46). | 3000 | Cft: | 3600 | %0Cft: | 10800 |
| 2 | Providing laying & fixing in trench i/c fitting, jointing & testing etc complete in all respect the high density polythylene PE pipes (HDPE-100) for W/S confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051 PN12.50 (160 mm) (SINO. F, 1 P/25). PHSI. | 100 | Rft: | 639 | P.Rft: | 63900 |
| 3 | Refilling the excavated struff in trenches 6" thick layers for leveling dressing i/c watering ramming to full compaction etc complete (PHSINO.24, P.53). | 2700 | Cft: | 2760 | %0Cft: | 7452 |
| 4 | Carriage of P.E pipe from Karachi. | 100 | Rft: | 516.10 | % Rft: | 51610 |
| 5 | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 3 | No. | 5836.60 | Each | 17,510 |
| 6 | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 2 | Nos. | 4253.90 | Each | 8,508 |
| 7 | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P-3) | 2 | Nos. | 938.47 | Each | 1,877 |
| 8 | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 | Nos. | 447.15 | Each | 894 |
| 9 | Providing & Fixing 4" dia C.I Soil and Vent Pipes i/c cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 40 | Rft: | 333.29 | P-Rft: | 13,332 |
| 10 | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 50 | Rft: | 599.60 | P-Rft: | 29,980 |
| 11 | P/F 3" dia C.I Waste and vent pipe i/c cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 50 | Rft: | 289.25 | P-Rft: | 14,463 |
| 12 | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | | |
| | a) 1/2" dia. | 100 | Rft: | 73.21 | P-Rft: | 7,321 |
| | b) 3/4" dia. | 135 | Rft: | 95.79 | P-Rft: | 12,932 |
| | c) 1" dia. | 10 | Rft: | 128.59 | P-Rft: | 1,286 |

| S.# | Item of Work | Qty: | | Rate | Unit | Amount |
|-----|--|------|------|----------|--------|--------|
| 13 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 2 | Nos. | 843.92 | Each | 1,688 |
| 14 | Supply & fixing cancelled stop cock of supire built hand ½" dia (S.I.No. 11P-18) | 3 | Nos. | 478.28 | Each | 1,435 |
| 15 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 3 | Nos. | 1384.24 | Each | 4,153 |
| 16 | S/fixing swan type piller cock of superior quality with Crystal Head(S.I.No. 18 (b) P-16) | 2 | Nos. | 795.00 | Each | 1,590 |
| 17 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.17P-15). | 3 | Nos. | 1142.24 | Each | 3,427 |
| 18 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 3 | Nos. | 10322.40 | Each | 30,967 |
| 19 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18 | 1 | Nos. | 21989.60 | Each | 21,990 |
| 20 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | | |
| | (a) 6" dia. | 100 | Rft: | 199.25 | P-Rft: | 19,925 |
| 21 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 2 | No. | 14748 | Each | 29,496 |
| 22 | Providing & Fixing PVC pipe of class D. | | | | | |
| | (a) 1 1/2" dia. | 90 | Rft: | 121 | P-Rft: | 10,890 |
| | (b) 3/4: dia | 50 | Rft: | 80.0 | P-Rft: | 4,000 |
| 23 | Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32). | 2 | Nos. | 15600 | Each | 31,200 |
| 24 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation ½" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17). | 4 | Nos. | 5913.22 | Each | 23,653 |

Total Rs.

426,276

Part C Non Schedule Item.

| S.# | Item of Work | Qty: | | Rate | Unit | Amount |
|-----|---|------|--------|------|----------|--------|
| 1 | Supplying & installing in position i/c transportation to site of work @ High way colony Larkano A.C Electric pump set consisting of A.C electric motor 20 BHP of (Siemens) made and fixed 1450 RPM i/c all accessories coupled with KSB non clogging pump type ETA KWP 60-100 (i/c steel frame or base plate coupled i/c alignment charges capable of discharge 1100 GPM against the head of 60' i/c installing pumping machinery set on C.C Ratio 1:2:4 M.S nuts & bolts of 5/8" dia to be embedded in CC fixing on prepared board iron clad triple pole and neutral switch fuse with rewire able type fuse link i/c 500 volts board i/c providing and fixing metal led board to accommodate main or sub main control switch (Siemens M.C.U) box type i/c providing i/c phase indication with holder and providing internal electric wiring for main switch 2-39/2.14 (19) 0.83 PVC insulated wire 60 volts grade in 50.8 mm (2") PVC conduit on surface as required i/c providing and fixing earthen set with 0.6m x0.6m x0.6mm x6.3 M) (2'x2'x1 1/2") copper plate buried in the ground at depth 3.7m (12') as per Pak PWD specia 72 hours etc, complete. | 1 | Set | | P.Set | |
| 3 | Supplying G.I pipe of approved quality to be tested with pressure head of 200' ft: (SMINo.01, P.7). | 82 | Rft: | | P.Rft | |
| 4 | Painting G.I pipe with 02 coats of zinc paint for internal fitting.(SINO:03. P/11). | 82 | Rft: | | P.Rft | |
| 5 | Supplying C.I bend with flanged ends with holes i/c turning and facing of flanges for all sizes (PHSINO.08, P.11). | 1.44 | Cwt: | | P.cwt: | |
| 6 | Supplying C.I sluice valve heavy pattern test pressure 21.0 K.G/cm or 200 lbs /sq: inch (improved) (PHSINO.2, P.10). | 2 | Nos. | | P. Each | |
| 7 | Supplying reflex valve heavy pattern test pressure 21 KG/Sq: cm or 300 lbs/sq: inch: (improved) (PHSINO.6, P.10). | 2 | Nos. | | P. Each | |
| 8 | Supplying C.I jib ault joints (PHSIMO.14, P.16). 6" dia | 2 | Nos. | | P. Each | |
| | 6" dia | 2 | Nos. | | P. Each | |
| 9 | Supplying C.I Blank flanges (SSI: No: 12. P/11). | 22 | Nos. | | P. Each | |
| 10 | Supplying C.I jib Ault joints (PHSIMO.14, P.16). | 26 | Joints | | P,Joints | |
| 11 | C.I reducer 6"x4". | 1 | Joints | | P.Joints | |

Total Rs.

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of DDO Revenue office & Repair of
Mukhtiarkar office Dokri. (Balance work).

NIT Sr: No.03

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:-

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of DDO Revenue office & Repair of Mukhtiarkar office Dokri (Balance Work)
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 6.000 (M)
- (e) Amount of Bid Security:- 04%
(Full or lump sum amount or in % age of bid amount - estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 300,000/-
(including bid security):-
(in % age of bid amount - estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 24-03-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF DDO REVENUE OFFICE DOKRI AND
REPAIR OF MUKHTIARKAR OFFICE DOKRI, TALUKA DOKRI DISTRICT LARKANO.
(BALANCE WORK)**

PART "A" CIVIL WORK

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 4820 Cft: | 3176.25 | %0 Cft: | 15,310 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (C) P 16). | 4895 Cft: | 8694.95 | % Cft | 425,586 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 3800 Cft: | 11948.36 | % Cft | 454,008 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 1707 Cft: | 337 | P Cft: | 575,208 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 91.438 Cwt. | 5001.70 | P. Cwt | 457,347 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 8960 Cft: | 3630 | %0 Cft: | 32,526 |
| 7 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30). | 1338 Sft: | 1141.25 | % Sft: | 15,271 |
| 8 | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 439 Sft: | 10.70 | P-Sft: | 4,697 |
| 9 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortar(S.No:5 p/24). | 3130 Cft | 12674.36 | %Cft | 396,676 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|----|--|-----------|----------|---------|---------|
| 10 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| a | 2" Thick | 2521 Sft: | 3275.50 | % Sft: | 82,579 |
| b | 3" thick. | 4500 Sft: | 4411.82 | % Sft: | 198,532 |
| 11 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggregate without shuttering (S.I.No. 5(f) P-17). | 816 Cft: | 14429.25 | % Cft: | 117,793 |
| 12 | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). | 6636 Sft: | 2206.60 | % Sft | 146,419 |
| 13 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 6636 Sft: | 2197.52 | % Sft: | 145,816 |
| 14 | Cement Pointing Strking joints on walls 1.3 ratio. (S.I.No. 10 P-58). | 1725 Sft: | 1213.58 | % Sft: | 20,934 |
| 15 | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| a) | Doors | 217 Rft | 228.90 | P. Rft: | 49,671 |
| b) | Windows | 242 Rft | 240.50 | P-Rft: | 58,201 |
| 16 | Supply & Fixing in position iron steel grill of 3/4" thick 3/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-93). | 176 Sft: | 180.50 | P.Sft: | 31,768 |
| 17 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (Sl NO: 7 P-65). (Only Shutters). | 444 Sft: | 902.93 | P.Sft: | 400,901 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

- 18 Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing required colour and pattern site specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-47). 2012 Sft: 30509.77 % Sft: 613,704
- 19 White Glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick i/c finishing. (SI NO 37 P-45). 57 Sft 28253.61 P-Sft 16,105
- 20 Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/P-48). 322 Sft 28299.30 P-Sft 91,124
- 21 Laying white marble flooring fine dressed on the surface without set in lime mortar 1:2 i/c rubbing and polishing the joints 3/4" thick flooring (SINO: 28 P-48). 128 Sft: 567.48 % Sft 72,637
- 22 First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Galvanized wire gauze fixed to chowkats with 3/4" deodar strips and screws (S.I.No. 14 P-67). 96 Sft: 190.72 P.Sft: 18,309
- 23 P/F Ornamental cc jali 2" thick (sino.11, P-17) 128 226.02 28,931
- 24 Preparing the surface and painting % sft matt finishing i/c rubbing th surface with bathly carb 5418 Sft: 3444.38 % Sft: 186,617

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

25 Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-01). 3293 Sft: 2567.95 % Sft: 84,550

26 Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P:75). 919 Sft: 2116.41 % Sft: 19,450

27 Boring & fixing 1-1/2" dia pressure pipe 90 Lft 53.44 P-Lft 4809.6
TOTAL:- 4,765,492

46 100

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF DDO REVENUE OFFICE DOKRI AND
REPAIR OF MUKHTIARKAR OFFICE DOKRI, TALUKA DOKRI DISTRICT LARKANO.
(BALANCE WORK)**

**PART "E" WATER SUPPLY & SAINTARY FITTING.
SCHEDULE-B**

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 4 No. | 5836.60 | Each | 23,346 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 4 Nos. | 4253.90 | Each | 17,016 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 4 Nos. | 938.47 | Each | 3,754 |
| 4/- | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 4 Nos. | 447.15 | Each | 1,789 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 40 Rft: | 333.29 | P-Rft: | 13,332 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 10 Rft: | 599.60 | P-Rft: | 5,996 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 30 Rft: | 289.25 | P-Rft: | 8,678 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | 3/4" dia. | 80 Rft: | 95.79 | P-Rft: | 7,663 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|----------|--------|---------|
| | 2 | 3 | 4 | 5 | 6 |
| 9 | Supply & fixing cancelled stop cock of supire built hand ½" dia (S.I.No. 11P-18) | 4 Nos. | 478.28 | Each | 1,913 |
| 10 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 4 Nos. | 843.92 | Each | 3,376 |
| 11 | S/F long Bib Cock of Superior quality with C.P head ½" dia (S.I No: 15(a), P-17) | 4 Nos. | 1384.24 | Each | 5,537 |
| 12 | Supplying & fixing swan type piller cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 4 Nos. | 795.00 | Each | 3,180 |
| 13 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (S.No.17P-15). | 2 Nos. | 1142.24 | Each | 2,284 |
| 14 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 4 Nos. | 10322.40 | Each | 41,290 |
| 15 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let cut-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18 | 1 Nos. | 21989.60 | Each | 21,990 |
| 16 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cemery mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (S.No.2 P-23). | | | | |
| | (a) 6" dia. | 100 Rft: | 199.25 | P-Rft: | 19,925 |
| 17 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 3 No. | 14748 | Each | 44,244 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

18 Providing & Fixing PVC pipe of class D.

(a) 1 1/2" dia.

90 Rft: 121 P-Rft: 10,890

(b) 3/4" dia

200 Rft: 80.0 P-Rft: 16,000

19 Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32).

1 Nos. 15600 Each 15,600

20 Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling; & disposal of earth etc complete (S.I.No. 2 P-17).

4 Nos. 5913.22 Each 23,653

TOTAL Rs:- 291,454

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Const: of Annexy i/c Mosque at D.C House
Larkano.

NIT Sr: No.04

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano
- (b) Brief Description of Works:- Construction of Annexy i/c Mosque at D.C House Larkano
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 5,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount / estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 250,000/-
(including bid security):-
(in % age of bid amount / estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~31-07~~ 5-4 2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date, _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**Schedule "B" for Contruction of Annexy Building (Camp Office) in Deputy
Commissioner House Larkano including Construction of Mosque (Balance work).**

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|---------|-----------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag bellling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 2103 | Cft: | 3176.25 | %0 Cft: | 6,680 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b),P- 14). | 736 | Cft: | 8694.95 | % Cft | 63,995 |
| 3 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 2324 | Cft: | 11948.36 | % Cft | 277,680 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16 | 529 | Cft: | 337 | P Cft: | 178,273 |
| 5 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 23.62 | Cwt. | 5001.7 | P. Cwt | 118,140 |
| 6 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). | 45719 | Cft: | 1141.25 | % Sft: | 521,768 |
| 7 | Pacca brick work other than building i/c sticking joints up to 20' feet height in (SI NO. 7 (e)/ P-21). | 1530 | Cft: | 12346.65 | % Cft | 188,904 |
| 8 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 2550 | Sft: | 2206.6 | % Sft: | 56,268 |
| 9 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51). | 2550 | Sft: | 2197.52 | % Sft: | 56,037 |
| 10 | Cement pointing (1:3) struck joints on walls (SINO: 19 (b)/ P-52). | 1830 | Sft: | 1213.58 | % Sft: | 22,209 |
| 11 | P/L 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). (a) 3" thick. | 400 | Sft: | 4411.82 | %Sft | 17,647 |
| 12 | Two coats of bitumen laid hot using 34 Lbs for %sft. Ober roof and blinded with sand at one Cft. Per %Sft. (SINO.13, P/34). | 5349 | Sft: | 1887.40 | % Sft: | 100,957 |
| 13 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints. (SINo.28 (a) / P-43) | 194 | Sft: | 567.48 | P Sft: | 110,091 |
| 14 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts cleats handles and cords with hooks etc deodar paneled or and fully glazed (SI NO: 7 P-57). (only Shutter). | 1364 | Sft: | 902.93 | P Sft: | 1,231,597 |
| 15 | P/F 3/8" thick marble tiles of approved quality and colour and shade size 8" x4"/6" x4" in dado skirting and facing removal /tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete (new works) (SINO.68, P/48). | 72 | Sft: | 186.04 | P Sft: | 13,395 |

| S.No. | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----------|---|----------|------|---------|--------|-----------|
| 16 | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink/ chalk/ plaster of paris mixture, applying first coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc: complete 2 nd & subsequent coat. (new surface) (SINO. 36, P/55). | 12370 | Sft: | 2717 | % Sft: | 336,093 |
| 17 | Distempering in three coats. (SINO: 24 /P-53). | 4380 | Sft: | 1080 | % Sft: | 47,289 |
| 18 | S/F in position Aluminium channels framing for hinged doors or Alcop made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. (SINO.83, (b) P/107). | 100 | Sft: | 1507.66 | P Sft: | 150,766 |
| 19 | Galvanized wire gauze fixed to chowkats with ¾" deodar strips & screws. (CSI No.14 (d) /P-67). | 752 | Sft: | 190.72 | P Sft: | 143,421 |
| 20 | Supplying & fixing in position iron / steel grill of ¾"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 319 | Sft: | 180.50 | P Sft: | 57,580 |
| 21 | Preparing hard Morum/Powderly fine base dressing watering leveling and compaction etc complete. (R.A attached) | 163 | Sft: | 2864.95 | % Cft: | 4,670 |
| 22 | Providing & fixing cement paving blocks flooring having size of 197x97x60(mm) of city / Quadra /cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi including filling the joints with hill sand & laying in specified manner /pattern & design etc complete. (SINO.71, P/49). | 961 | Sft: | 199.77 | P Sft: | 191,979 |
| 23 | French polishing complete on new work. (SINO.7,P/71). | 2728 | Sft: | 3841.75 | % Sft: | 104,803 |
| 24 | Painting new surface preparing surface and painting guard bars, gates of iron bars, gratings railing (including standards braces, etc). And similar open work. (SINO. 5, (d), P/69). <i>03 coats</i> . | 319 | Sft: | 1270.83 | %Sft | 4,054 |
| 25 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc(new surface)(a+ b), (SINO:38 / P-56). | 4915 | Sft: | 1948.10 | %Sft | 95,749 |
| Total Rs. | | | | | | 4,100,043 |

RT "B" W/S & S/FITTING.

| S# | Item of work. | Qty: | | Rate. | Unit | Amount. |
|----|---|------|------|----------|--------|---------|
| 1 | Providing G.I pipe specials & clamps including cutting & fitting complete with & i/c the cost of breaking through walls & roof making good etc painting two coats after cleaning testing with water to a pressure head 200 ft. & handling (SINo.7 /P- 14). | | | | | |
| | (a) 1/2" dia | 20 | Rft: | 73.21 | P-Rft: | 1,464 |
| | (b) 3/4" dia | 40 | Rft: | 95.79 | P-Rft: | 3,832 |
| | c) 1" dia | 50 | Rft: | 153.19 | P-Rft: | 7,660 |
| 2 | Providing & fixing steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 2 | Nos. | 5712.30 | Each | 11,425 |
| 3 | P/L UPVC pressure pipes of class 'D' (Equivalent make) fixing in trench i/c cutting, fitting, and jointing with 'Z' joint with one rubber ring i/c testing with water to a head 122 meter or 400 ft. (SINO. 3,P/23). P.H.E | | | | | |
| | 4" dia | 24 | Rft: | 226 | P-Rft: | 5,424 |
| | 6" dia | 50 | Rft: | 486 | P-Rft: | 24,300 |
| 4 | S/F fiber glass tank of approved quality & design & wall thick ness as specified i/c the cost or nuts bolts & fixing in plate form of cement concrete (1:3:6) & making connection for inlet & outlet & over flow inlet & outlet flow pipe etc complete (SINo.3 /P- 21). (C) 500 Gallons | 1 | No. | 37505.42 | Each | 37,505 |

Total Rs.

91,609

PART "C" NON SCHEDULE ITEM.

| S# | Item of work. | Qty: | | Rate. | Unit | Amount. |
|----|--|------|------|-------|--------|---------|
| 1 | P/F Natural stone tile of required size on wall facing of approved design, shade & pattern set in cement sand mortar ratio 1:2 in grey cement 3/4" thick i/c washing and filling of joints with neat white cement slurry and pigment in desired shape i/c cutting and dressing the stone tile to proper profile i/c scaffolding and labour rtc. complete as per specification and as directed by the engineer incharge (R.A Approved) | 406 | Rft: | 199 | P-Rft: | 80,794 |

Total Rs.**80,794**

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction/Rehabilitation Renovation of
Revenue quarters at Larkano.

NIT Sr: No.05

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a) Name of Procuring Agency:- Executive Engineer Building Division Larkano

(b) Brief Description of Works:- Construction / Rehabilitation Renovation of Revenue Quarters at Larkano.

(c) Procuring Agency's address:- Circuit House Road Larkano.

(d) Estimated Cost:- 10.000 (M)

(e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)

(f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).

(g) Security Deposit:- 500,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)

(h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit

(i) Deadline for Submission of Bids along with time:- ~~31-06~~ 2016. Time (2-0 P.M)

(j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano

(k) Time for Completion from written order of commence:- 24 Months.

(l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____

(n) DR. No. _____ Date: _____
Rs. _____

(o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

Schedule "B" for Construction/Rehabilitation/ Renovation of Revenue Quarters
Larkano.

Part A New Construction

| S.No | Item of work. | Quantity | Rate. | Unit | Amount. |
|------|--|------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 1464 Cft: | 3176.25 | %0 Cft: | 4,650 |
| 2/- | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 439 Cft: | 8694.95 | % Cft | 41,337 |
| 3/- | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P 20). | 1291 Cft: | 11948.36 | % Cft | 154,253 |
| 4/- | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-16). | 728 Cft: | 337 | P Cft: | 245,336 |
| 5/- | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-16). | 32.50 Cwt. | 5001.7 | P. Cwt | 162,555 |
| 6/- | Filling watering & ramming earth under floors with surplus earth from foundation lead unto in one chain & lift up to 5 ft. (CSINO.21,P/4) | 974 Cft: | 1512.25 | %0 Cft: | 1,473 |
| 7/- | Filling watering & ramming earth under floors with new earth (Excavated from outside) lead up to in one chain & lift up to 5 ft. (CSINO.22,P/4) | 2112 Cft: | 3630.00 | %0 Cft: | 7,667 |
| 8/- | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30.) | 528 Sft: | 1141.25 | % Sft: | 6,026 |
| 9/- | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:6:12 (SINO: 4 P-14). | 166 Cft: | 8122.95 | % Cft: | 13,484 |

| S.No | Item of work. | Quantity | Rate. | Unit | Amount. |
|------|--|-----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10/- | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-37). | 389 Sft: | 10.70 | P-Sft: | 4,162 |
| 11/- | Pacca Brick Work in G. Floor (1:6) Cement Sand mortor(S.No:5 p/20). | 1376 Cft | 12674.36 | %Cft | 174,399 |
| 12/- | Pacca brick work other than building i/c stricking joints upto 20' feet height in (SI NO. 7 P-21). | 274 Cft. | 12346.65 | % Cft. | 33,830 |
| 13/- | Cement concrete plain i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-15). | 7 Cft: | 14429.25 | % Cft: | 1,010 |
| 14/- | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-41). | | | | |
| | a). 2" thick. | 843 Sft: | 3275.5 | % Sft: | 27,612 |
| | b). 3" thick. | 514 Sft: | 4411.82 | % Sft: | 22,677 |
| 15/- | Cement plaster 1:6 upto 20'ft height ½" thick (SINO.13(b) P-51). | 2515 Sft: | 2206.60 | % Sft | 55,496 |
| 16/- | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:11 P-57). | 2515 Sft: | 2197.52 | % Sft: | 55,268 |
| 17/- | Cement Pointing Strking joints on walls 1.3 ratio. (S.I.No. 19 P-58). | 1028 Sft: | 1213.58 | % Sft: | 12,476 |
| 18/- | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/ P-48). | 111 Sft | 27678.86 | P-Sft | 30,724 |
| 19/- | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:28 P-93.) | | | | |
| | Doors | 135 Sft: | 240.50 | P. Sft: | 32,468 |
| | Windows | 83 Sft: | 228.90 | P-Sft: | 18,999 |

| S.No | Item of work. | Quantity | Rate. | Unit | Amount. |
|----------------|--|-----------|---------|--------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 20/- | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-67) (Only Shutters). | 211 Sft: | 902.93 | P.Sft: | 190,518 |
| 21/- | Supply & Fixing in position iron steel grill of 3/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-92). | 42 Sft: | 180.50 | P.Sft: | 7,581 |
| 22/- | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-91). | 32 Sft: | 594.57 | P.Sft: | 19,026 |
| 23/- | Primary Coat of Chalk under Distempering (S.I.No.24 P-53). | 2515 Sft: | 442.75 | % Sft: | 11,135 |
| 24/- | Distempering in three Coats.(SINO.24P-53). | 2515 Sft: | 1079.65 | % Sft: | 27,153 |
| 25/- | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-68). | 48 Sft: | 190.72 | P.Sft: | 9,155 |
| 26/- | Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P-69). | 507 Sft: | 2116.41 | % Sft: | 10,730 |
| 27/- | Painting surface guard bars bars grating roiling including standard brasna etc (S.I.No. 4 P-68). | 60 Sft: | 1270.83 | % Sft: | 762 |
| 28/- | Colour washing two coats (S.I.No 25 P-53). | 1028 Sft: | 1303.17 | % Sft: | 13,397 |
| TOTAL:- | | | | | 1,395,359 |

Total Rs. 1,395,359/-

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|---|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| <u>PART "B" W/S & S/FITTING.</u> | | | | | |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 1 No. | 5836.60 | Each | 5,837 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 1 Nos. | 4253.90 | Each | 4,254 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 1 Nos. | 938.47 | Each | 938 |
| 4/- | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 1 Nos. | 447.15 | Each | 447 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-9) | 5 Rft: | 333.29 | P-Rft: | 1,666 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-10) | 2 Rft: | 599.60 | P-Rft: | 1,199 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-10) | 3 Rft: | 289.25 | P-Rft: | 868 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-12) | | | | |
| a) | 1/2" dia. | 10 Rft: | 73.21 | P-Rft: | 732 |
| b) | 3/4" dia. | 40 Rft: | 95.79 | P-Rft: | 3,832 |
| c) | 1" dia. | 10 Rft: | 128.59 | P-Rft: | 1,286 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9/- | Add: extra for labour canceled G.I pipe and fitting i/c cutting making recess in wall for pipe and making good in cement mortor etc complete (S.I.No. 2 P-12). | | | | |
| | (a) ½" dia | 10 Rft: | 7.82 | P-Rft: | 78 |
| 10/- | Supply & fixing cancelled stop cock of supire built hand ½" dia (S.I.No. 11P-18) | 4 Nos. | 478.28 | Each | 1,913 |
| 11/- | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 12 (a) P-18). | 3 Nos. | 843.92 | Each | 2,532 |
| 12/- | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 13(a), P-19) | 4 Nos. | 1384.24 | Each | 5,537 |
| 13/- | Supply/Fixing wash basin mixture of superior quality hand ½" dia (SINo.14 (b), P-19). | 1 Nos. | 3179 | Each | 3,179 |
| 14/- | Supplying & fixing swan type pillar cock of superior quality with Crystal Head(S.I.No. 16 (a) P-19) | 2 Nos. | 795.00 | Each | 1,590 |
| 15/- | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.15, P-19). | 1 Nos. | 1142.24 | Each | 1,142 |
| 16/- | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-28). | 1 Nos. | 21989.60 | Each | 21,990 |
| 17/- | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | |
| | (a) 6" dia. | 20 Rft: | 199.25 | P-Rft: | 3,985 |
| | (b) 9" dia. | 10 Rft: | 250.60 | P-Rft: | 2,506 |
| 18/- | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 - 6" (S.I.No. 1 P- 48). (P.H.E) | 2 No. | 14748 | Each | 29,496 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|------------|--|----------|---------|--------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19/- | Supplying & fixing Muslim Shower with Crystal Head complete (S.No.19(a) P- 19). | 1 Nos. | 3432 | Each | 3,432 |
| 20/- | Providing & Fixing PVC pipe of class D. (SINO.3,P23) (P.H.E) (a) 1 1/2" dia. | 90 Rft: | 44 | P-Rft: | 3,960 |
| 22/- | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-20). | 1 Nos. | 5913.22 | Each | 5,913 |
| 23/- | Providing & fixing steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 1 Nos. | 5712.30 | Each | 5,712 |
| TOTAL Rs:- | | | | | <u>114,031</u> |

For A. Mysore 20.10.11

PART C NON SCHEDULE ITEMS.

| S.No. | Name of Item | Qty: | Rate | Unit | Amount |
|------------|---|--------|------|------|--------|
| 1 | Electric Motor. | 01 No. | | Each | |
| 2 | Hand Pump Machine i/c (5.0x5.0) C.C Hodi etc complete. | 01 No. | | Each | |
| 3 | Providing & Wrapping Khabar. | 01 No. | | Each | |
| 4 | Steiner for pipe. | 01 No. | | Each | |
| TOTAL RS:- | | | | | |

7/10/16

x200

Schedule B for Construction /Rehabilitation /Renovation of Revenue Quarters Larkano (Electric Work).

Part A New Construction

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|-------|--------|---------|---------|
| 1 | Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.129, P/15). | 45 | Point | 910 | P.Point | 40,950 |
| 2 | Wiring for Plug point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.130, P/15). | 15 | Point | 742 | P.Point | 11,130 |
| 3 | Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.131, P/15). | 2 | Point | 1590 | P.Point | 3,180 |
| 4 | P/L (Main or Sub main) PVC insulated with size 3-7/0.29 Copper conductor in 3/4" dia PVC conduit on surface. (Second Edition 2012). (SINO.24,P/4). | 100 | Meter | 294 | P.Meter | 29,400 |
| 5 | P/L (Main or Sub main) PVC insulated with size 3-7/0.44 (6mm ²) Copper conductor in 1" dia PVC conduit on surface. (Second Edition 2012). (SINO.26,P/4). | 30 | Meter | 468 | P.Meter | 14,040 |
| 6 | P/L (Main or Sub main) PVC insulated with size 3-7/0.52 (10mm ²) Copper conductor in 1" dia PVC conduit on surface. (Second Edition 2012). (SINO.27,P/4). | 40 | Meter | 652 | P.Meter | 26,080 |
| 7 | P/F one way S.P 5amps switch flush type (Second Edition) (SINO.219,P/33). | 30 | Nos. | 54 | Each | 1,620 |
| 8 | P/F Two way pin 5 amps plug & socket flush type (Second Edition) (SINO.225,P/33). | 15, | Nos. | 83 | Each | 1,245 |
| 9 | P/F Bakelite Bucket Holder with two terminal. (SINO.232, P/33). | 40 | Nos. | 70 | Each | 2,800 |
| 10 | P/F Brass ceiling fan 56" (good quality).(Second Edition) (SINO.235,P/34). | 10 | Nos. | 3185 | Each | 31,850 |
| 11 | P/F 3 pin 15 amps flush type S.P plug socket switch & shoe unit on given board recessed in the walls or coloumns & covered with plastic sheet.(SINO.18, P/11). | 6 | Nos. | 156.97 | Each | 942 |
| 12 | P/F A.C or D.C electric bell 200/250 volts 70 MM. (SINO.21, P/11). | 2 | Nos. | 150.70 | Each | 301 |
| 13 | P/F Flush type electric bell push button. (SINO.23, P/13). | 2 | Nos. | 25.19 | Each | 50 |
| 14 | Fixing A.C ceiling fan regulator on S.W board. (SINO.1(b), P/14). | 10 | Nos. | 91.30 | Each | 913 |
| 15 | P/F Brass bakelite ceiling rose with two terminals. (SINO.228,P/33). | 10 | Nos. | 72 | Each | 720 |
| 16 | P/F mild steel bar fan clam 15.8 mm (5/8") dia suitable for RCC roof. (SINO.1 (c), P/14). | 10 | Nos. | 141.01 | Each | 1,410 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|-------|---------|----------|---------|
| 17 | P/F Main panel board double shutter to accommodate heavy duty circuit breakers bus bar inc, painting. (SINO.8,P/13). | 1 | Sq.Ft | 1426.34 | P.Sq.Ft. | 1,426 |
| 18 | P/F Earthing set with 2'x2'x1/2" copper plate buried in ground at a depth of 12" or less if water comes out from the ground level with salt and charcoal, etc i/c making the and charcoal, etc i/c making the pit 12" deep by excavation of all type of soil. Earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2" dia G.I pipe straight from the earth up to metallic electrical necessary i/c providing necessary tee.(SINO.22, P/26). | 1 | No. | 2570.37 | Each | 2,570 |
| 19 | P/F circuit breakers 6 Amps to 63 Amps D.P i/c fixing on a prepared board and necessary connection. (SINO.2, P/20). | 10 | Nos. | 948.02 | Each | 9,480 |
| 20 | P/F 2-40 watts tube light complete with 40 watts 4"-0 long rod, choxk, stater and putty with philip components including necessary electric conection and fixing on wall or ceiling etc complete. (SINO.2, P/33). | 1 | Nos. | 1677 | Each | 1,677 |
| 21 | P/F Energy saver superior quality i/c fixing on extg: holder etc complete. (SINO.6, P33). | 35 | Nos. | 497.00 | Each | 17,395 |

TOTAL Rs:-

199,181

**Schedule "B" for the work Construction /Rehabilitation /Renovation of
Revenue Quarters Larkano.**

Part B Renovation work

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|--|----------|------|----------|--------|---------|
| 1 | Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same. (SINO.20, P10). | 781 | Cft: | 5445.00 | % Cft | 42,525 |
| 2 | Dismantling brick work in lime or cement mortar. (SINO.13, P/10). | 1470 | Cft: | 1285.63 | % Cft | 18,899 |
| 3 | Dismantling cement concrete plain 1:2:4 (SINO.19 (C), P/10). | 468 | Cft: | 3327.50 | % Cft | 15,573 |
| 4 | Removing cement or lime plaster. (SINO.53, P/13). | 3099 | Sft: | 121 | % Sft: | 3,750 |
| 5 | Applying floating coat of cement ½" thick. (SINO.14, P/53). | 3099 | Sft: | 660 | % Sft: | 20,453 |
| 6 | Cement Plaster 1:6 up to 20'ft height ½" thick (SINO.13 (b) / P-51). | 5144 | Sft: | 2206.60 | % Sft: | 113,508 |
| 7 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 / P-51). | 5144 | Sft: | 2197.52 | % Sft: | 113,040 |
| 8 | Excavation for foundation of building bridges and other structure i/c dag bellling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04) . | 1600 | Cft: | 3176.25 | %0Cft | 5,082 |
| 9 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 400 | Cft: | 8694.95 | % Cft | 34,780 |
| 10 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (CSI NO. 4, P- 20). | 1504 | Cft: | 11948.36 | % Cft | 179,703 |
| 11 | Fabrication of Tor steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 14.35 | Cwt: | 5001.70 | P.cwt: | 71,774 |
| 12 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to ¼" gauge(SINO:6(I)-P-16). | 227 | Cft: | 337 | P.Cft: | 76,499 |
| 13 | Pacca brick work other than building i/c sticking joints up to 20' feet height in (SI NO. 7 (e)/ P-21). | 2700 | Cft: | 12346.65 | % Cft | 333,360 |
| 14 | Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO: 05 P-20). | 2328 | Cft: | 12674.36 | % Cft | 295,059 |
| 15 | Supplying & fixing Girders (CSI No. 1/P. 4). | 58.25 | Cwt: | 3850 | P.cwt: | 224,263 |
| 16 | Supplying & fixing Tee Irons (CSI No. 1/P. 1). | 27.50 | Cwt: | 3575 | P.cwt: | 98,313 |
| 17 | Erecting rolled steel beams or old rails in roofs etc, erection and fixing in position. (SINO. 6, P/94). | 85.75 | Cwt: | 186.34 | P.cwt: | 15,979 |
| 18 | Second class tile roofing consisting of 4" earth & 1" mud plaster with gobri leeping over ½" thick cement plaster (1:6) with 34 lbs hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tile laid in 1:6 cement mortar i/c 1:2 cement pointing under heath of tiles complete i/c curing etc. (CSI No. 2 / P-32) . | 1745 | Sft: | 7607.25 | % Sft: | 132,747 |
| 19 | Flate brick flooring laid in 1:6 cement mortar over a bed of ¾" thick cement mortar 1:6. (SINO.7, P/40). | 1745 | Sft: | 3777.13 | % Sft: | 65,911 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|--|----------|------|----------|--------|---------|
| 20 | Cement Pointing 1:2 flash on floor. (SINO. 18, P/53). | 1745 | Sft: | 939.57 | % Sft: | 16,395 |
| 21 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 21 | Cft: | 14429.25 | % Cft | 3,030 |
| 22 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 155 | Sft: | 30509.77 | % Sft: | 47,290 |
| 23 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 582 | Sft: | 27678.86 | % Sft: | 161,091 |
| 24 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:6:12 (SINO: 4 P-14). | 2673 | Cft: | 8122.95 | % Cft | 217,126 |
| 25 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41) 2" thick. | 500 | Sft: | 3275.50 | % Sft: | 16,378 |
| | 1 1/2" thick | 750 | Sft: | 4411.82 | % Sft: | 33,089 |
| | 3" thick | 1500 | Sft: | 2548.29 | % Sft: | 38,224 |
| 26 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts chocks, cleats, handles and cords with hooks etc. Deodar paneled or and fully glazed (SINO: 7 (b), P-58). | 219 | Sft: | 1273.76 | P.sft: | 278,953 |
| 27 | Supplying & fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 79 | Sft: | 180.50 | P.sft: | 14,260 |
| 28 | P/F iron steel grill door with angle iron frame of 1 1/2" x 1 1/2" x 1 1/4" and flat iron of 3/4" x 1/4" with approved design and locking arrangement embedded in masonry as per instructions of Engineer in charge. (SINO.31, P/94). | 35 | Sft: | 231.60 | P.sft: | 8,106 |
| 29 | Making and fixing steel grated doors complete with 1/16" thick sheeting i/c angle iron frame 2"x2" 3/8" and 3/4" square bars 4" centre to centre with locking arrangement.(SINO: 24/ P-91). | 28 | Sft: | 726.72 | P.sft: | 20,348 |
| 30 | Galvanized wire gauze fixed to chowkats with 3/4" deodar strips & screws. (CSI No.14 (d) /P-67). | 160 | Sft: | 190.72 | P.sft: | 30,515 |
| 31 | Scraping ordinary distemper, oil bound distemper or paint on walls (SINO.54 (b)/ P-13). | 7170 | Sft: | 226.88 | %Sft | 16,267 |
| 32 | Distempering in two coats. (SINO: 24 (b)/P-54). | 20398 | Sft: | 1043.90 | %Sft | 212,935 |
| 33 | Painting Old surface painting doors and windows any type. (SINO.4 (c) P/68). | 1130 | Sft: | 1160.06 | %Sft | 13,109 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----------|---|----------|------|----------|--------|-----------|
| 34 | Painting new surface preparing surface and painting guard bars, gates of iron bars, gratings railing (including standards braces, etc). And similar open work. (SINO. 5, (b), P/69). In three coats. | 112 | Sft: | 1270.83 | %Sft | 1,423 |
| 35 | Providing & laying single layers of polythene sheet 0.13 mm thick for water proofing as per specification & instructions of Engineer In charge (SINO. 38/P-37). | 1000 | Sft: | 10.70 | P.sft: | 10,700 |
| 36 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). | 1800 | Cft: | 1141.25 | % Cft | 20,543 |
| 37 | Mud Plaster on floor or roof 1" thick (SINO. 2, P/51). | 3000 | Sft: | 555 | %Sft | 16,650 |
| 38 | Boring 1-1/2" dia pressure pipe (SINO: 26/ P-108). | 540 | Rft: | 53.44 | P.Rft | 28,858 |
| 39 | S/F false ceiling of plaster of Paris, in pannels i/c making frame, work of deodar wood including painting with Soligia paint. (SINO.52/ P-72). | 528 | Sft: | 25293.42 | % Sft: | 133,549 |
| 40 | Providing and fixing plaster of Paris ceiling border of 8"-10" with of specified design and thickness i/c fixing besides ceiling with nails / screws with getties. (SINO.44 / P-45). | 184 | Sft: | 104.22 | P.sft: | 19,176 |
| 41 | Two coats of bitumen laid hot using 34 Lbs for %sft. Ober roof and blinded with sand at one Cft. Per %Sft. (SINO.13, P/34). | 3000 | Sft: | 1887.40 | % Sft: | 56,622 |
| 42 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43). (a) 3/4" thick flooring. | 100 | Sft: | 567.48 | P.sft: | 56,748 |
| 43 | Preparing the surface and painting with weather coat of approved make to old weather coat surface. (SINO: 39, / P-56). In three coats. | 6912 | Sft: | 2118.33 | % Sft: | 146,419 |
| Total Rs. | | | | | | 3,479,021 |

PART "B" WATER SUPPLY & SAINTARY FITTING.

| S.No. | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-------|---|----------|------|----------|--------|---------|
| 1 | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 18 | No. | 5836.60 | Each | 105,059 |
| 2 | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 5 | Nos. | 4253.90 | Each | 21,270 |
| 3 | Add extra for labour for providing & fixing of earthen ware padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 8 | Nos. | 938.47 | Each | 7,508 |
| 4 | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 25 | Nos. | 447.15 | Each | 11,179 |
| 5 | P/F 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 300 | Rft: | 333.29 | P-Rft: | 99,987 |
| 6 | Providing & Fixing 4" dia bend of the require degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 10 | Rft: | 599.60 | P-Rft: | 5,996 |
| 7 | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 60 | Rft: | 289.25 | P-Rft: | 17,355 |
| 8 | Providing G.I pipes specials & clamps etc i/c fixing cutting and fitting complete with & i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet & handling (SINo: 7,P-14). | | | | | |
| | (a) 1/2" dia. | 400 | Rft: | 73.21 | P-Rft: | 29,284 |
| | (b) 3/4" dia. | 500 | Rft: | 95.79 | P-Rft: | 47,895 |
| | (c) 1" dia. | 150 | Rft: | 128.55 | P-Rft: | 19,283 |
| 9 | Supply & fixing cancelled stop cock of supire built hand ½" dia (S.I.No. 11P-18) | 40 | Nos. | 478.28 | Each | 19,131 |
| 10 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 10 | Nos. | 843.92 | Each | 8,439 |
| 11 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 20 | Nos. | 1384.24 | Each | 27,685 |
| 12 | S/fixing swan type piller cock of superior quality with Crystal Head(S.I.No. 18 (b) P-16) | 10 | Nos. | 795.00 | Each | 7,950 |
| 13 | Supply/Fixing wash basin mixture of superior quality hand ½" dia (SINo.14 (b), P-19). | 6 | Nos. | 3179 | Each | 19,074 |
| 14 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25. P-16) | 8 | Nos. | 10322.40 | Each | 82,579 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|---------|---------|
| 15 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bolts & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18). | 5 | Nos. | 21989.60 | Each | 109,948 |
| 16 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINO.2 P-23). | | | | | |
| | (a) 6" dia. | 300 | Rft: | 199.25 | P-Rft: | 59,775 |
| | (b) 9" dia. | 80 | Rft: | 250.60 | P-Rft: | 20,048 |
| 17 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P-32). | 30 | Nos. | 14748 | Each | 442,440 |
| 18 | Providing & fixing steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 2 | Nos. | 5712.30 | Each | 11,425 |
| 19 | Providing laying PVC pressure pipe of class 'D' (equivalent make) fixing in trench i/c cutting . Fitting and jointing with 'Z' joint one rubber ring i/c testing water to head 122 meter or 400 ft. (SINO.3, (c), P/23). 1 1/2" dia | 540 | Rft: | 44 | P. Rft: | 23,760 |
| 20 | S/fixing sink mixture cock superior quality with c.p head etc complete. (SINO.17,P/19). | 7 | Nos. | 2745.60 | Each | 19,219 |
| 21 | P/F 4"x4" dia C.I branch of the required degree with access doors, rubber washer 3/8" thick and bolts and nuts and extra painting to match the colour of the building. (SINO.3, P/9). | 3 | Nos. | 702.00 | Each | 2,106 |
| 22 | P/F 6"x2" or 6"x3" C.I floor trap of the approved selt cleaning design with a C.I screwed down grating with or with out a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for pipe connections & making good cement concrete 1:2:4. (SINO.20,P/6). | 25 | Nos. | 2042.43 | Each | 51,061 |

Total Rs:-

1,269,454

PART C NON SCHEDULE ITEMS.

| S.No. | Name of Item | Qty: | Rate | Unit | Amount |
|-------|--|--------|------|------|--------|
| 1 | Providing & Fixing Reciprocating Motor pumps set 1 H.P single phase 220 volts. | 6 Nos. | | Each | |
| 2 | P/F Hand Pump Machine i/c making (5.0x5.0) C.C Hodi etc complete. | 6 Nos. | | Each | |
| 3 | Providing & Wrapping Khabar arround strainer pipt. | 6 Nos. | | Each | |
| 4 | P/F UPVC Strainer pipe for Boaring i/c making holes etc complete. | 6 Nos. | | Each | |

Total Rs.

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**Schedule B for Construction /Rehabilitation /Renovation of Revenue
Quarters Larkano (Electric Work).**

Part B Renovation work.

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|-------|--------|---------|---------|
| 1 | Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.129, P/15). | 45 | Point | 910 | P.Point | 40,950 |
| 2 | Wiring for Plug point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.130, P/15). | 15 | Point | 742 | P.Point | 11,130 |
| 3 | Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.131, P/15). | 2 | Point | 1590 | P.Point | 3,180 |
| 4 | P/L (Main or Sub main) PVC insulated with size 3-7/0.29 Copper conductor in 3/4" dia PVC conduit on surface. (Second Edition 2012). (SINO.24,P/4). | 100 | Meter | 294 | P.Meter | 29,400 |
| 5 | P/L (Main or Sub main) PVC insulated with size 3-7/0.44 (6mm ²) Copper conductor in 1" dia PVC conduit on surface. (Second Edition 2012). (SINO.26,P/4). | 30 | Meter | 468 | P.Meter | 14,040 |
| 6 | P/L (Main or Sub main) PVC insulated with size 3-7/0.52 (10mm ²) Copper conductor in 1" dia PVC conduit on surface. (Second Edition 2012). (SINO.27,P/4). | 40 | Meter | 652 | P.Meter | 26,080 |
| 7 | P/F one way S.P 5amps switch flush type (Second Edition) (SINO.219,P/33). | 30 | Nos. | 54 | Each | 1,620 |
| 8 | P/F Two way pin 5 amps plug & socket flush type (Second Edition) (SINO.225,P/33). | 15 | Nos. | 83 | Each | 1,245 |
| 9 | P/F Bakelite Bucket Holder with two terminal. (SINO.232, P/33). | 40 | Nos. | 70 | Each | 2,800 |
| 10 | P/F Brass ceiling fan 56" (good quality).(Second Edition) (SINO.235,P/34). | 10 | Nos. | 3185 | Each | 31,850 |
| 11 | P/F 3 pin 15 amps flush type S.P plug socket switch & shoe unit on given board recessed in the walls or coloumns & covered with plastic sheet.(SINO.18, P/11). | 6 | Nos. | 156.97 | Each | 942 |
| 12 | P/F A.C or D.C electric bell 200/250 volts 70 MM. (SINO.21, P/11). | 2 | Nos. | 150.70 | Each | 301 |
| 13 | P/F Flush type electric bell push button. (SINO.23, P/13). | 2 | Nos. | 25.19 | Each | 50 |
| 14 | Fixing A.C ceiling fan regulator on S.W board. (SINO.1(b), P/14). | 10 | Nos. | 91.30 | Each | 913 |
| 15 | P/F Brass bakelite ceiling rose with two terminals. (SINO.228,P/33). | 10 | Nos. | 72 | Each | 720 |
| 16 | P/F mild steel bar fan clam 15.8 mm (5/8") dia suitable for RCC roof. (SINO.1 (c), P/14). | 10 | Nos. | 141.01 | Each | 1,410 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|-------|---------|----------|---------|
| 17 | P/F Main panel board double shutter to accommodate heavy duty circuit breakers bus bar inc, painting. (SINO.8,P/13). | 1 | Sq.Ft | 1426.34 | P.Sq.Ft. | 1,426 |
| 18 | P/F Earthing set with 2'x2'x1/2" copper plate buried in ground at a depth of 12" or less if water comes out from the ground level with salt and charcoal, etc i/c making the and charcoal, etc i/c making the pit 12" deep by excavation of all type of soil. Earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2" dia G.I pipe straight from the earth up to metallic electrical necessary i/c providing necessary tee.(SINO.22, P/26). | 1 | No. | 2570.37 | Each | 2,570 |
| 19 | P/F circuit breakers 6 Amps to 63 Amps D.P i/c fixing on a prepared board and necessary connection. (SINO.2, P/20). | 10 | Nos. | 948.02 | Each | 9,480 |
| 20 | P/F 2-40 watts tube light complete with 40 watts 4"-0 long rod, choxk, stater and putty with philip components including necessary electric conection and fixing on wall or ceiling etc complete. (SINO.2, P/33). | 1 | Nos. | 1677 | Each | 1,677 |
| 21 | P/F Energy saver superior quality i/c fixing on extg: holder etc complete. (SINO.6, P33). | 40 | Nos. | 497.00 | Each | 19,880 |

TOTAL Rs:-

201,666

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of Additional Multipurpose Hall at
Ladies Culb Larkano.

NIT Sr: No.06

Standard Bidding Document,
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Additional Multipurpose Hall at Ladies Club Larkana
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 9,000 (M)
- (e) Amount of Bid Security:- 04%
(fill in lump sum amount or in %age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 450,000/-
(including bid security :-
(in %age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (V/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~54-09~~ 2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date, _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**➤ Schedule "B" for Construction of Additional Multipurpose Hall at Ladies Club
Larkano.**

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|----------|---------|-----------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 7495. | Cft: | 3176.25 | %0 Cft: | 23,806 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b),P- 14). | 1124 | Cft: | 8694.95 | % Cft | 97,731 |
| 3 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16 | 4823 | Cft: | 337 | P Cft: | 1,625,351 |
| 4 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 279.91 | Cwt. | 5001.70 | P. Cwt | 1,400,026 |
| 5 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 2368 | Cft: | 11948.36 | % Cft | 282,937 |
| 6 | Two coats of bitumen laid hot using 34 Lbs for %sft. Ober roof and blinded with sand at one Cft. Per %Sft. (SINO.13, P/34. | 281 | Sft: | 1887.40 | % Sft: | 5,304 |
| 7 | Providing & laying single layers of polythene sheet 0.13 mm thick for water proofing as per specification & instructions of Engineer In charge (SINO. 38/P-37). | 281 | Sft: | 10.70 | P.Sft | 3,007 |
| 8 | Filling watering & ramming earth under floors with surplus earth from foundation lead unto in one chain & lift up to 5 ft. | 4997 | Cft: | 1512.25 | %0 Cft: | 7,557 |
| 9 | Filling watering & ramming earth under floors with new earth (Excavated from outside) lead up to in one chain & lift up to 5 ft. (CSINO.22,P/4). Extra lead 4 miles. | 6144 | Cft: | 4479.86 | %0 Cft: | 27,524 |
| 10 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). Extra lead 4 miles. | 683 | Cft: | 1991.11 | % Cft | 13,599 |
| 11 | Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO: 05 P-20). | 4991 | Cft: | 12674.36 | % Cft | 632,577 |
| 12 | P/L G.I. frame/chowkats of size 7"x2" or 4-1/2"x 3" for Door using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing (SINO: 29/ P-92). | 318 | Sft: | 228.90 | P. Sft | 72,790 |
| 13 | P/L G.I. frame/chowkats of size 7"x2" or 4-1/2"x 3" for windows using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing (SINO: 28/ P-92). | 414 | Sft: | 240.50 | P. Sft | 99,567 |
| 14 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts cleats handles and cords with hooks etc deodar paneled or and fully glazed (SI NO: 7 P-57). (only Shutter) | 607 | Sft: | 902.93 | P. Sft | 548,079 |
| 15 | S/F in position iron / steel grill of 3/4"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 176 | Sft: | 180.90 | P. Sft | 31,838 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|-------|---------|---------|
| 36 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) 1/2" thick inside wall and 1" thick over bearing 1 1/2" x 1 1/2" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern some 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 48). (P.H.E) | 1 | No. | 14748 | Each | 14,748 |
| 37 | Providing laying UPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 122 meter or 400 ft. (SINO.6,P/24). P.H.E | | | | | |
| | (a) 1/2" dia | 24 | Rft: | 12 | P. Rft: | 288 |
| | (b) 3/4" dia. | 16 | Rft: | 19 | P. Rft: | 304 |
| | (c) 1" dia. | 36 | Rft: | 27 | P. Rft: | 972 |
| | (d) 1-1/4" dia | 90 | Rft: | 33 | P. Rft: | 2,970 |

TOTAL Rs:- 196,143

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|----------|--------|---------|
| 16 | Making and fixing steel grated doors complete with locking arrangement angle iron frame 2"x2" 3/8" and 3/4" square bars 4" centre to centre (SINO: 23 P-91). | 80 | Sft: | 594.57 | P. Sft | 47,566 |
| 17 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 6908 | Sft: | 2206.60 | % Sft: | 152,432 |
| 18 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 / P-51). | 6908 | Sft: | 2197.52 | % Sft: | 151,805 |
| 19 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 523 | Cft: | 14429.25 | % Cft | 75,465 |
| 20 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 1833 | Sft: | 30509.77 | % Sft: | 559,244 |
| 21 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43). | 1523 | Sft: | 567.48 | P. Sft | 864,272 |
| 22 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 551 | Sft: | 27678.86 | %Sft | 152,511 |
| 23 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-44). | 532 | Sft: | 28253.61 | %Sft | 150,309 |
| 24 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). 2" thick | 2237 | Sft: | 3275.50 | %Sft | 73,273 |
| 25 | White washing in three coats. (S.NO. 26 P 53). | 4311 | Sft: | 829.95 | %Sft | 35,779 |
| 26 | Primary coat of chalk under distemper (SINO: 23/ P-53) | 6908 | Sft: | 442.75 | %Sft | 30,585 |
| 27 | Distemping in three coats. (SINO: 24 /P-53). | 6908 | Sft: | 1079.65 | %Sft | 74,582 |
| 28 | Galvanized wire gauze fixed to chowkats with 3/4" teak wood strips & screws. (CSINO.4 (d) /P-57). | 222 | Sft: | 343.53 | P. Sft | 76,708 |
| 29 | Preparing surface and painting of doors & windows any type, (including edge). (SINO. 5 (c), P/69). | 838 | Sft: | 2116.41 | %Sft | 17,736 |
| 30 | Painting new surface preparing surface and painting guard bars, gates of iron bars, gratings railing (including standards braces, etc). And similar open work. (SINO. 5, (b), P/69). | 160 | Sft: | 1270.83 | %Sft | 2,033 |

Total Rs. 7,335,992

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|---------|---------|
| 1 | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 with 4" dia earthen ware trap and plastic thumble/. (SINO.3(ii) /P-2). | 1 | No. | 6166.60 | Each | 6,167 |
| 2 | P/F European white glazed earthen ware wash down w.c pan complete with & i/c the cost of white/black plastic coat (best quality) & lid with c.p brass hinges & buffers 3 gallons white glazed earthen ware low level foushing cistern with siphon fitting 1 1/2" dia white porcelain enameled flush bend 3/4" dia making requisite number of holes in walls plinth and floor for pipe connections and making good in cement concrete 1:2:4 (foreign Quality). (SINO.5 P- 2) | 1 | No. | 11477.40 | Each | 11,477 |
| 3 | P/F 18"x12" (47.72x30.49.cm) lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I canti lever bracket 6 inches built into wall painted white in two coat after a primary coat of red lead paint a pair of 1/2" dia chrome plated pillar taps 1- 1/4" rubber plug & chrome plated brass chain 1- 1/4" brass waste of approved pattern 1-1/4" dia malleable iron or x.p brasstraps, malleable iron brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement concrete (1:2:4) (Foreign or Superior Quality). (SINO. 15 /P- 5). | 1 | No. | 5467.00 | Each | 5,467 |
| 4 | Add extra for labour for providing & fixing of earthen ware Pedestal white or coloured glazed standard pattern (SINO. 11 /P- 3). | 1 | Nos. | 2533.47 | Each | 2,533 |
| 5 | P/F Steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 1 | No. | 5712.30 | Each | 5,712 |
| 6 | P/F 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for pipe connections & making good cement concrete 1:2:4. (SINO.20,P/6). | 2 | Nos. | 2042.43 | Each | 4,085 |
| 7 | P/F 1/2" dia lead connection complete with a 1/2" dia brass stop cock, two bras nuts & lining joints tolead pipe with plumber wiped solder joints 1/2" inche lead pipe to be of not less than 4 lbs per lineal yard. (SINO.22,P/6). | 2 | Nos. | 689.70 | Each | 1,379 |
| 8 | P/F in position nylon connection complete with 1/2" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 | Nos. | 447.15 | Each | 894 |
| 9 | P/F c.p brass toilet paper holder of atandar with chrome plated brass brackets complete (Similar to twyford's design No. 1108) SINO. 2 (b) P/7). | 1 | No. | 1071.40 | Each | 1,071 |
| 10 | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-9) | 18 | Rft. | 333.29 | P. Rft. | 5,999 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|--------|---------|---------|
| 11 | P/F M.S clamps of the approved design to 4" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 4" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 12 | Nos. | 72.16 | Each | 866 |
| 12 | P/F 4"x4" dia C.I branch of the required degree with access doors, rubber washer 3/8" thick and bolts and nuts and extra painting to match the colour of the building. (SINO.3, P/9). | 1 | No. | 702.00 | Each | 702 |
| 13 | P/F 4" dia C.I off-set of various length i/c extra painting to match the colour of the building. (SINO. 8,P/10). | 1 | No. | 702.00 | Each | 702 |
| 14 | Providing & Fixing 4" dia bend of the required degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (SINO: 9, P-10). | 1 | No. | 599.60 | Each | 600 |
| 15 | P/F 4" dia C.I terminal guard i/c extra painting to match the colour of the building. (SINO.11,P/10). | 2 | Nos. | 389.70 | Each | 779 |
| 16 | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINO.13P-9) | 12 | Rft: | 289.25 | P-Rft: | 3,471 |
| 17 | P/F M.S clamps of the approved design to 3" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 3" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 6 | Nos. | 264 | Each | 1,584 |
| 18 | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zinc painting with pigment to match testing with water to a pressure head of 200 feet and handling(S No: 7,P-12) | | | | | |
| | (a) 1/2" dia. | 30 | Rft: | 73.21 | P. Rft: | 2,196 |
| | (b) 3/4" dia. | 25 | Rft: | 95.79 | P. Rft: | 2,395 |
| | (c) 1" dia. | 20 | Rft: | 128.59 | P. Rft: | 2,572 |
| 19 | Add: extra for labour canceled G.I pipe and fitting i/c cutting making recess in wall for pipe and making good in cement mortar etc complete (S.I.No. 2 P-12). | | | | | |
| | (a) 1/2" dia | 30 | Rft: | 7.82 | P. Rft: | 235 |
| | (b) 3/4" dia. | 25 | Rft: | 8.45 | P. Rft: | 211 |
| | (c) 1" dia. | 20 | Rft: | 9.96 | P. Rft: | 199 |
| 20 | Painting of G.I pipe with 2 coats of Zinc paint for internal fittings. (SINO.3,P/13). | | | | | |
| | (a) 1/2" dia | 30 | Rft: | 3 | P. Rft: | 90 |
| | (b) 3/4" dia. | 25 | Rft: | 4 | P. Rft: | 100 |
| | (c) 1" dia. | 20 | Rft: | 6 | P. Rft: | 120 |
| 21 | Providing G.I pipes specials etc including fixing cutting and fitting complete with and i/c the cost of cutting trench upto 2-1/2" feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes & specials after cleaning & hessian cloth soaked in maxphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling.(SINO: 1,P-14) | | | | | |
| | (a) 1-1/4" dia | 90 | Rft: | 155.27 | P. Rft: | 13,974 |
| | (b) 1-1/2" dia | 10 | Rft: | 183.58 | P. Rft: | 1,836 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|--------|---------|
| 22 | P/F Ball valve (with unsoldered copper ball) made to B.B.S 1212. (SINO.6, P/18). | | | | | |
| | (a) 1/2" dia | 1 | No. | 235.84 | Each | 236 |
| | (b) 3/4" dia. | 1 | No. | 290.84 | Each | 291 |
| | (c) 1" dia. | 1 | No. | 318.34 | Each | 318 |
| | (d) 1-1/4" dia | 1 | No. | 510.84 | Each | 511 |
| | (e) 1-1/2" dia | 1 | No. | 573.70 | Each | 574 |
| 23 | Canceled C.P fittings of Superior quality for tiles bath rooms (b) S/fixing canceled stop cock of superior quality with c.p head 1/2" dia (SINO. 11, P/18). | 2 | Nos. | 509.74 | Each | 1,019 |
| 24 | Making the connection with the existing G.I pipe upto 2" dia i/c cutting the pipe & providing and fixing necessary fitting. (SINO. 8,P/18). | 1 | No. | 402.16 | Each | 402 |
| 25 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand 1/2" dia (S.I.No. 12 (b) P-18) | 1 | No. | 889.46 | Each | 889 |
| 26 | S/F Long Bib Cock of crystal head with 1/2" dia (SINO:13 (b), P-19). | 3 | Nos. | 1384.24 | Each | 4,153 |
| 27 | Supply/Fixing wash basin mixture of superior quality hand 1/2" dia (SINO.14 (b), P-19) | 1 | No. | 3179 | Each | 3,179 |
| 28 | S/Fixing jet shower with rod of superior quality with c.p head 1/2" dia (SINO.15,P-19). | 1 | No. | 1142.24 | Each | 1,142 |
| 29 | Supplying & fixing swan type pillar cock of superior quality with crystal head 1/2" dia (SINO.16 (b) P-19) | 1 | No. | 877.80 | Each | 878 |
| 30 | S/fixing sink mixture cock superior quality with c.p head etc complete. (SINO.17,P/19). | 1 | No. | 2745.60 | Each | 2,746 |
| 31 | Supplying & fixing c.p Muslim Shower with double bib cock & ring pipe etc complete (SINO.19 (a) P- 19). | 1 | No. | 3432 | Each | 3,432 |
| 32 | S/F bath room accessories set 7 pieces i/c towel rod, brush holder, soap tray shelf of approved design i/c the cost of screws, nuts etc complete master brand (Master brand) (SINO.23 /P- 19). | 1 | No. | 10322.40 | Each | 10,322 |
| 33 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curbing excavation back filling & disposal of earth etc complete (S.I.No. 2 P-20). | 1 | No. | 5913.22 | Each | 5,913 |
| 34 | P/F Fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bolts & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (SINO.3 P- 21). (a) 500 gallons | 1 | No. | 37505.42 | Each | 37,505 |
| 35 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINO.2 P-23). | | | | | |
| | (a) 4" dia. | 24 | Rft. | 146.57 | P-Rft. | 3,518 |
| | (a) 6" dia. | 32 | Rft. | 199.25 | P-Rft. | 6,376 |
| | (b) 9" dia. | 64 | Rft. | 250.60 | P-Rft. | 16,038 |

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRTACTOR _____

NAME OF WORK:- Rehabilitation Renovation of District Council
Larkano.

NIT Sr: No.07

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Rehabilitation Renovation of District Council Larkana
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 5.000 (M)
- (e) Amount of Bid Security:- 04%
(Full in lump sum amount or in % age of bid amount estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).
- (g) Security Deposit:- 250,000/-
(including bid security):-
(in % age of bid amount estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 26/04/2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

Schedule "B" for the work Renovation of District Council Office Larkana.

Abstract Sheet

| S.N o. | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----------|--|----------|------|----------|--------|---------|
| 1 | Removing cement or lime plaster. (SINO.53, P/13). | 9371 | Sft: | 121 | % Sft: | 11,339 |
| 2 | Applying floating coat of cement ½" thick. (SINO.14, P/53). | 9371 | Sft: | 660 | % Sft: | 61,849 |
| 3 | Cement Plaster 1:6 up to 20'ft height ½" thick (SINO.13 (b) / P-51). | 9371 | Sft: | 2206.60 | % Sft: | 206,780 |
| 4 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 / P-51). | 9371 | Sft: | 2197.52 | % Sft: | 205,930 |
| 5 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 528 | Cft: | 14429.25 | % Cft | 76,186 |
| 6 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 2194 | Sft: | 30509.77 | % Sft: | 669,384 |
| 7 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43). (a) ¾" thick flooring. | 1582 | Sft: | 567.48 | P.sft: | 897,753 |
| 8 | Boring 1-1/2"dia pressure pipe (SINO: 26/ P-108). | 90 | Rft: | 53.44 | P.Rft | 4,810 |
| 9 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41) 1 1/2" thick. | 11053 | Sft: | 2548.29 | % Sft: | 281,662 |
| 10 | Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO:5 P-20) | 388 | Cft: | 12674.36 | % Cft | 49,177 |
| 11 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 88 | Sft: | 27678.86 | % Sft: | 24,357 |
| 12 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts chocks, cleats, handles and cords with hooks etc. Deodar paneled or and fully glazed (SINO: 7 (b), P-58). | 128 | Sft: | 1273.76 | P.sft: | 163,041 |
| 13 | Supplying & fixing in position iron/steel grill of ¾"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 441 | Sft: | 180.50 | P.sft: | 79,601 |
| 14 | Galvanized wire gauze fixed to chowkats with ¾" deodar strips & screws. (CSI No.14 (d) /P-67). | 480 | Sft: | 190.72 | P.sft: | 91,546 |
| 15 | S/F false ceiling of plaster of Paris, in pannels i/c making frame, work of deodar wood including painting with Soligia paint. (SINO.52/ P-72). | 848 | Sft: | 25293.42 | % Sft: | 214,488 |
| 16 | Flate brick flooring laid in 1:6 cement mortar over a bed of ¾" thick cement mortar 1:6. (SINO.7, P/40). | 3180 | Sft: | 3777.13 | % Sft: | 120,113 |

| S.N o. | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----------|---|----------|------|---------|--------|-----------|
| 17 | Cement Pointing 1:2 flash on floor. (SINO. 18, P/53). | 3180 | Sft: | 939.57 | % Sft: | 29,878 |
| 18 | S/F in position Aluminium channels framing for hinged doors or Alcop made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. (SINO.83, (b) P/107). | 81 | Sft: | 1507.66 | P.sft: | 122,120 |
| 19 | S/F in position Aluminium channels framing for sliding windows & ventilators Alcop made with 5 mm thick tinted glass glazing (Belgium) and Aluminium fly screen i/c handles, stoppers & locking arrangement etc complete. (SINO.84, (b) P/107). | 144 | Sft: | 1647.69 | P.sft: | 237,267 |
| 20 | Scraping ordinary distemper, oil bound distemper or paint on walls (SINO.54 (b)/ P-13). | 20398 | Sft: | 226.88 | %Sft | 46,279 |
| 21 | Distempering in three coats. (SINO: 24 /P-53). | 20398 | Sft: | 1079.65 | %Sft | 220,227 |
| 22 | Preparing the surface and painting with weather coat of approved make to old weather coat surface. (SINO: 39, / P-56). In two coats. | 10592 | Sft: | 1498.48 | %Sft | 158,719 |
| 23 | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink/ chalk/ plaster of paris mixture, applying first coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc: complete 2nd & subsequent coat. (new surface) (SINO. 36, P/55). | 1188 | Sft: | 2717 | %Sft | 32,278 |
| 24 | Painting Old surface painting doors and windows any type. (SINO.4 (c) P/68). | 1190 | Sft: | 1160.06 | %Sft | 13,805 |
| Total Rs. | | | | | | 4,018,590 |

PART "B" W/S & S/FITTING.

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|-------|---------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 2 | No. | 5836.60 | Each 11,673 |
| 2/- | P/F 24"x18" lavatory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I cantilever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 2 | Nos. | 4253.90 | Each 8,508 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Pedestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 2 | Nos. | 938.47 | Each 1,877 |
| 4/- | P/F in position nylon connection complete with ½" dia brass stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 | Nos. | 447.15 | Each 894 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-9) | 10 | Rft: | 333.29 | P-Rft: 3,333 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-10) | 4 | Rft: | 599.60 | P-Rft: 2,398 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-10) | 6 | Rft: | 289.25 | P-Rft: 1,736 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zinc painting with pigment to match testing with water to a pressure head of 200 feet and handling(S No: 7,P-12) | | | | |
| a) | 1/2" dia. | 50 | Rft: | 73.21 | P-Rft: 3,661 |
| b) | 3/4" dia. | 80 | Rft: | 95.79 | P-Rft: 7,663 |
| c) | 1" dia. | 20 | Rft: | 128.59 | P-Rft: 2,572 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|----------|---------------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9/- | Add: extra for labour canceled G.I pipe and fitting i/c cutting making recess in wall for pipe and making good in cement mortor etc complete (S.I.No. 2 P-12). | | | | |
| | (a) ½" dia | 50 | Rft: 7.82 | P-Rft: | 391 |
| 10/- | Supply & fixing cancelled stop cock of supire built hand ½" dia (S.I.No. 11P-18) | 8 | Nos. 478.28 | Each | 3,826 |
| 11/- | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 12 (a) P-18). | 6 | Nos. 843.92 | Each | 5,064 |
| 12/- | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 13(a), P-19) | 8 | Nos. 1384.24 | Each | 11,074 |
| 13/- | Supply/Fixing wash basin mixture of superior quality hand ½" dia (SINo.14 (b), P-19). | 2 | Nos. 3179 | Each | 6,358 |
| 14/- | Supplying & fixing swan type piller cock of superior quality with Crystal Head(S.I.No. 16 (a) P-19) | 4 | Nos. 795.00 | Each | 3,180 |
| 15/- | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.15, P-19). | 2 | Nos. 1142.24 | Each | 2,284 |
| 16/- | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-28). | 2 | Nos. 21989.60 | Each | 43,979 |
| 17/- | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | |
| | (a) 6" dia. | 40 | Rft: 199.25 | P-Rft: | 7,970 |
| | (b) 9" dia. | 40 | Rft: 250.60 | P-Rft: | 10,024 |
| 18/- | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 - 6" (S.I.No. 1 P- 48). (P.H.E) | 4 | No. 14748 | Each | 58,992 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19/- | Supplying & fixing Muslim Shower with Crystal Head complete (S.No.19(a) P- 19). | 2 Nos. | 3432 | Each | 6,864 |
| 20/- | Providing & Fixing PVC pipe of class D. (SINO.3,P23) (P.H.E) (a) 1 1/2" dia. | 180 Rft: | 44 | P-Rft: | 7,920 |
| 22/- | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curbing excavation back filling & disposal of earth etc complete (S.I.No. 2 P-20). | 2 Nos. | 5913.22 | Each | 11,826 |
| 23/- | Providing & fixing steel stainless local make complete with cast iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 2 Nos. | 5712.30 | Each | 11,425 |

TOTAL Rs:- 235,498

PART C NON SCHEDULE ITEMS.

| S.No. | Name of Item | Qty: | Rate | Unit | Amount |
|------------|---|--------|------|------|--------|
| 1 | Electric Motor. | 01 No. | | Each | |
| 2 | Hand Pump Machine i/c (5.0x5.0) C.C Hodi etc complete. | 01 No. | | Each | |
| 3 | Providing & Wrapping Khabar. | 01 No. | | Each | |
| 4 | Steiner for pipe. | 01 No. | | Each | |
| TOTAL RS:- | | | | | |

Part D Electric work

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|-------|---------|----------|---------|
| 1 | Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.129, P/15). | 45 | Point | 910 | P.Point | 40,950 |
| 2 | Wiring for Plug point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.130, P/15). | 15 | Point | 742 | P.Point | 11,130 |
| 3 | Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required (second Edition 2012) (SINO.131, P/15). | 2 | Point | 1590 | P.Point | 3,180 |
| 4 | P/L (Main or Sub main) PVC insulated with size 3-7/0.29 Copper conductor in 3/4" dia PVC conduit on surface. (Second Edition 2012). (SINO.24,P/4). | 190 | Meter | 294 | P.Meter | 55,860 |
| 5 | P/L (Main or Sub main) PVC insulated with size 3-7/0.44 (6mm ²) Copper conductor in 1" dia PVC conduit on surface. (Second Edition 2012). (SINO.26,P/4). | 45 | Meter | 468 | P.Meter | 21,060 |
| 6 | P/L (Main or Sub main) PVC insulated with size 3-7/0.52 (10mm ²) Copper conductor in 1" dia PVC conduit on surface. (Second Edition 2012). (SINO.27,P/4). | 80 | Meter | 652 | P.Meter | 52,160 |
| 7 | P/F one way S.P 5amps switch flush type (Second Edition) (SINO.219,P/33). | 60 | Nos. | 54 | Each | 3,240 |
| 8 | P/F Two way pin 5 amps plug & socket flush type (Second Edition) (SINO.225,P/33). | 15 | Nos. | 83 | Each | 1,245 |
| 9 | P/F Bakelite Bucket Holder with two terminal. (SINO.232, P/33). | 50 | Nos. | 70 | Each | 3,500 |
| 10 | P/F Brass ceiling fan 56" (good quality).(Second Edition) (SINO.235,P/34). | 10 | Nos. | 3185 | Each | 31,850 |
| 11 | P/F 3 pin 15 amps flush type S.P plug socket switch & shoe unit on given board recessed in the walls or columns & covered with plastic sheet.(SINO.18, P/11). | 6 | Nos. | 156.97 | Each | 942 |
| 12 | P/F A.C or D.C electric bell 200/250 volts 70 MM. (SINO.21, P/11). | 2 | Nos. | 150.70 | Each | 301 |
| 13 | P/F Flush type electric bell push button. (SINO.23, P/13). | 2 | Nos. | 25.19 | Each | 50 |
| 14 | Fixing A.C ceiling fan regulator on S.W board. (SINO.1(b), P/14). | 10 | Nos. | 91.30 | Each | 913 |
| 15 | P/F Brass bakelite ceiling rose with two terminals. (SINO.228,P/33). | 10 | Nos. | 72 | Each | 720 |
| 16 | P/F mild steel bar fan clam 15.8 mm (5/8") dia suitable for RCC roof. (SINO.1 (c), P/14). | 10 | Nos. | 141.01 | Each | 1,410 |
| 17 | P/F Main panel board double shutter to accommodate heavy duty circuit breakers bus bar inc, painting. (SINO.8,P/13). | 1 | Sq.Ft | 1426.34 | P.Sq.Ft. | 1,426 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|---------|------|---------|
| 18 | P/F Earthing set with 2'x2'x1/2" copper plate buried in ground at a depth of 12" or less if water comes out from the ground level with salt and charcoal, etc i/c making the and charcoal, etc i/c making the pit 12" deep by excavation of all type of soil. Earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2" dia G.I pipe straight from the earth up to metallic electrical necessary i/c providing necessary tee.(SINO.22, P/26). | 1 | No. | 2570.37 | Each | 2,570 |
| 19 | P/F circuit breakers 6 Amps to 63 Amps D.P i/c fixing on a prepared board and necessary connection. (SINO.2, P/20). | 10 | Nos. | 948.02 | Each | 9,480 |
| 20 | P/F 2-40 watts tube light complete with 40 watts 4"-0 long rod, choxk, stater and putty with philip components including necessary electric conection and fixing on wall or eeiling etc complete. (SINO.2, P/33). | 1 | Nos. | 1677 | Each | 1,677 |
| 21 | P/F Energy saver superior quality i/c fixing on extg: holder etc complete. (SINO.6, P33). | 45 | Nos. | 497.00 | Each | 22,365 |

TOTAL Rs:-

266,031

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of Multi purpose Block at Officers
Club Larkano.

NIT Sr: No.08

Standard Bidding Document.

is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.

The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Multi Purpose Block at officers Club Larkana
- (c) Procuring Agency's address:- Circuit House Road Larkano
- (d) Estimated Cost:- 12,500 (M)
- (e) Amount of Bid Security:- 04%
(fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).
- (g) Security Deposit:- 625,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~24-07~~ 25-07-2016. Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**Schedule "B" for the work Construction of Multi Purpose Block at Officer
Club Larkano.**

Part A (i) Foundation

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----------|---|----------|------|---------|---------|-----------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 8550 | Cft: | 3176.25 | %0 Cft: | 27,157 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:4:8. (SINO.4 (a),P- 14). | 1068 | Cft: | 9416.28 | % Cft | 100,566 |
| 3 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16 | 3281 | Cft: | 337 | P Cft: | 1,105,697 |
| 4 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 196.86 | Cwt | 5001.70 | P. Cwt | 984,635 |
| 5 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 2115 | Cft: | 11948.4 | % Cft | 252,708 |
| 6 | Filling watering & ramming earth under floors with surplus earth from foundation lead unto in one chain & lift up to 5 ft. (CSINO.21,P/4) | 5667 | Cft: | 1512.25 | %0 Cft: | 8,570 |
| 7 | Filling watering & ramming earth under floors with new earth (Excavated from outside) lead up to in one chain & lift up to 5 ft. (CSINO.22,P/4) | 11679 | Cft: | 3630.00 | %0 Cft: | 42,395 |
| 8 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). Extra lead 3 miles. | 2447 | Cft: | 1720.66 | % Cft: | 42,105 |
| 9 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 1215 | Cft: | 8694.95 | % Cft | 105,644 |
| 10 | Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitumen at (20 Lbs, Per %sft. (SINO. 70, P/107). | 1215 | Sft: | 2760.99 | % Sft: | 33,546 |
| 11 | Two coats of bitumen laid hot using 34 Lbs for %sft. Ober roof and blinded with sand at one Cft. Per %Sft. (SINO.13, P/34. | 1215 | Sft: | 1887.40 | % Sft: | 22,932 |
| 12 | Providing & laying single layers of polythene sheet 0.13 mm thick for water proofing as per specification & instructions of Engineer In charge (SINO. 38/P-37). | 1215 | Sft: | 10.70 | P.Sft | 13,001 |
| Total Rs. | | | | | | 2,738,954 |

Part A (ii) Ground Floor

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|----------|--------|-----------|
| 1 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16 | 3351 | Cft: | 337 | P Cft: | 1,129,287 |
| 2 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 167.55 | Cwt | 5001.7 | P. Cwt | 838,035 |
| 3 | Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO: 05 P-20). | 2713 | Cft: | 12674.4 | % Cft | 343,855 |
| 4 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 19043 | Sft: | 2206.60 | % Sft: | 420,203 |
| 5 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51). | 19043 | Sft: | 2197.52 | % Sft: | 418,474 |
| 6 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts chocks, cleats, handles and cords with hooks etc. Deodar paneled or and fully glazed (SINO: 7 (b), P-58). | 334 | Sft: | 1273.76 | P. Sft | 425,436 |
| 7 | S/F in position Aluminium channels framing for hinged doors or Alcop made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. (SINO.83, (b) P/107). | 84 | Sft: | 1507.66 | P. Sft | 126,643 |
| 8 | S/F in position Aluminium channels framing for sliding windows & ventilators Alcop made with 5 mm thick tinted glass glazing (Belgium) and Aluminium fly screen i/c handles, stoppers & locking arrangement etc complete. (SINO.84, (b) P/107). | 160 | Sft: | 1647.69 | P. Sft | 263,630 |
| 9 | Supplying & fixing in position iron / steel grill of 3/4"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 299 | Sft: | 180.90 | P. Sft | 54,089 |
| 10 | Galvanized wire gauze fixed to chowkats with 3/4" teak wood strips & screws. (CSINO.4 (d) /P-57). | 299 | Sft: | 345.53 | P. Sft | 103,313 |
| 11 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 594 | Cft: | 14429.3 | % Cft | 85,710 |
| 12 | P/L tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 2912 | Sft: | 30509.77 | %Sft | 888,445 |
| 13 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43) | 120 | Sft: | 567.48 | P.Sft | 68,098 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|----------|-------|---------|
| 14 | P/F 3/8" thick marble tiles of approved quality and colour and shade size 8" x4"/6" x4" in dado skirting and facing removal /tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete (new works) (SINO.68,P/49). | 52 | Sft: | 186.04 | P.Sft | 9,674 |
| 15 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 198 | Sft: | 27678.86 | %Sft | 54,804 |
| 16 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-44). | 351 | Sft: | 28253.61 | %Sft | 99,170 |
| 17 | Distempering in three coats. (SINO: 24 /P-53). | 4570 | Sft: | 1079.65 | %Sft | 49,340 |
| 18 | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink/ chalk/ plaster of paris mixture, applying first coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc: complete 2 nd & subsequent coat. (new surface) (SINO. 36, P/55) in. three coats. | 11037 | Sft: | 3444.38 | %Sft | 380,156 |
| 19 | Preparing surface and painting of doors & windows any type, (including edge). (SINO. 5 (c), P/69). | 1198 | Sft: | 2116.41 | %Sft | 25,355 |
| 20 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). 2" thick. | 4570 | Sft: | 3275.50 | %Sft | 149,690 |
| 21 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38,/ P-56). In three coats. | 4560 | Sft: | 2567.95 | %Sft | 117,099 |
| 22 | Reinforced cement concrete spout including fixing in position with top and bottom khuras. (SINO.27,P/19). | 6 | Nos. | 524.98 | Each | 3,150 |

Total Rs. 6,053,656

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|------|---------|
| 1 | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 with 4" dia earthen ware trap and plastic thumble/. (SINO.3(ii) / P-2). | 2 | Nos. | 6166.60 | Each | 12,333 |
| 2 | P/F European white glazed earthen ware wash down w.c pan complete with & i/c the cost of white/black plastic coat (best quality) & lid with c.p brass hinges & buffers 3 gallons white glazed earthen ware low level foushing cistern with siphon fitting 1 1/2" dia white porcelain enameled flush bend 3/4" dia making requiste number of holes in walls plinth and floor for pipe connections and making good in cement concrete 1:2:4 (foreign Quality). (SINO.5 P- 2) | 1 | No. | 11477.40 | Each | 11,477 |
| 3 | Providing & Fixing flat back lipped from urinal basin (of not less than 17" in height) of white glazed earthen ware complete with & i/c the cost of 1 gallon C.I automatic flushing cistern wirth fittings, a pot cook C.I or W.I brackets standard flash pipe with fitting standard waste pipe (Enamelled iron) connection complete & making requisite number of holes in walls, plinth & floor for pipe connection & making good in cement concrete 1:2:4 (foreign or Equivalent). (SINO. 7, P,3). | 1 | No. | 4440.70 | Each | 4,441 |
| 4 | P/F 18"x12"(47.72x30.49.cm) lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I canti lever bracket 6 inches built into wall painted white in two coat after a primary coat of red lead paint a pair of 1/2" dia chrome plated pillar taps 1- 1/4" rubber plug & chrome plated brass chain 1- 1/4" brass waste of approved pattern 1-1/4" dia malloable iron or x.p brasstraps, malloable iron brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement concrete (1:2:4) (Foreign or Superior Quality). (SINO. 15 / P- 5). | 2 | Nos. | 5467.00 | Each | 10,934 |
| 5 | Add extra for labour for providing & fixing of earthen ware Pedestal white or coloured glazed standard pattern (SINO. 11 / P-3). | 2 | Nos. | 2533.47 | Each | 5,067 |
| 6 | P/F Steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 1 | No. | 5712.30 | Each | 5,712 |
| 7 | P/F 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I scrrewed down grating with or with out a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for pipe connections & making good cement concrete 1:2:4. (SINO.20,P/6). | 2 | Nos. | 2042.43 | Each | 4,085 |
| 8 | P/F 1/2" dia lead connection complete with a 1/2" dia brass stop cock, two bras nuts & lining joints tolead pipe with plumber wiped solder joints 1/2" inche lead pipe to be of not less than 4 lbs per lineal yard. (SINO.22,P/6). | 2 | Nos. | 689.70 | Each | 1,379 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|---------|---------|---------|
| 9 | P/F in position nylon connection complete with 1/2" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 | Nos. | 447.15 | Each | 894 |
| 10 | P/F c.p brass toilet paper holder of atandar with chrome plated brass brackets complete (Similar to twyfords design No. 1108) SINO. 2 (b) P/7). | 2 | Nos. | 1071.40 | Each | 2,143 |
| 11 | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-9) | 32 | Rft: | 333.29 | P. Rft: | 10,665 |
| 12 | P/F M.S clamps of the approved design to 4" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 4" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 18 | Nos. | 72.16 | Each | 1,299 |
| 13 | P/F 4"x4" dia C.I branch of the required degree with access doors, rubber washer 3/8" thick and bolts and nuts and extra painting to match the colour of the building. (SINO.3, P/9). | 2 | Nos. | 702.00 | Each | 1,404 |
| 14 | P/F 4" dia C.I off-set of variou length i/c extra painting to match the colour of the building. (SINO. 8,P/10). | 1 | No. | 702.00 | Each | 702 |
| 15 | Providing & Fixing 4" dia bend of the require degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (SINO: 9, P-10). | 1 | No. | 599.60 | Each | 600 |
| 16 | P/F 4" dia C.I terminal guard i/c extra painting to match the colour of the building. (SINO.11,P/10). | 3 | Nos. | 389.70 | Each | 1,169 |
| 17 | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINO.13P-9) | 18 | Rft: | 289.25 | P-Rft: | 5,207 |
| 18 | P/F M.S clamps of the approved design to 3" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 3" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 2 | Nos. | 264 | Each | 528 |
| 19 | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-12) | | | | | |
| | (a) 1/2" dia. | 60 | Rft: | 73.21 | P. Rft: | 4,393 |
| | (b) 3/4" dia. | 30 | Rft: | 95.79 | P. Rft: | 2,874 |
| | (c) 1" dia. | 25 | Rft: | 128.59 | P. Rft: | 3,215 |
| 20 | Add: extra for labour canceled G.I pipe and fitting i/c cutting making recess in wall for pipe and making good in cement mortar etc complete (S.I.No. 2 P-12). | | | | | |
| | (a) 1/2" dia | 60 | Rft: | 7.82 | P. Rft: | 469 |
| | (b) 3/4" dia. | 30 | Rft: | 8.45 | P. Rft: | 254 |
| | (c) 1" dia. | 25 | Rft: | 9.96 | P. Rft: | 249 |
| 21 | Painting of G.I pipe with 2 coats of Zink paint for internal fittings. (SINO.3,P/13). | | | | | |
| | (a) 1/2" dia | 60 | Rft: | 3 | P. Rft: | 180 |
| | (b) 3/4" dia. | 30 | Rft: | 4 | P. Rft: | 120 |
| | (c) 1" dia. | 25 | Rft: | 6 | P. Rft: | 150 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|--|----------|------|----------|---------|---------|
| 22 | Providing G.I pipes specials etc including fixing cutting and fitting complete with and i/c the cost of cutting trench upto 2-1/2" feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen pain to pipes & specials after cleaning & hassian cloth soaked in maxphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling.(SINO: 1,P-14) | | | | | |
| | (a) 1-1/4" dia | 90 | Rft. | 155.27 | P. Rft. | 13,974 |
| | (b) 1-1/2" dia | 20 | Rft. | 183.58 | P. Rft. | 3,672 |
| 23 | P/F Ball valve (with unsoldered copper ball) made to B.B.S 1212. (SINO.6, P/18). | | | | | |
| | (a) 1/2" dia | 2 | Nos. | 235.84 | Each | 472 |
| | (b) 3/4" dia. | 1 | Nos. | 290.84 | Each | 291 |
| | (c) 1" dia. | 1 | Nos. | 318.34 | Each | 318 |
| | (d) 1-1/4" dia | 1 | Nos. | 510.84 | Each | 511 |
| | (e) 1-1/2" dia | 1 | Nos. | 573.70 | Each | 574 |
| 24 | Cancealed C.P fittings of Superior quality for tiles bath rooms (b) S/fixing cancealed stop cock of superir quality with c.p head 1/2" dia (SINO. 11, P/18). | 3 | Nos. | 509.74 | Each | 1,529 |
| 25 | Making the connection with the existing G.I pipe upto 2" dia i/c cutting the pipe & providing and fixing necessary fitting. (SINO. 8,P/18). | 1 | No. | 402.16 | Each | 402 |
| 26 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand 1/2" dia (S.I.No. 12 (b) P-18) | 3 | Nos. | 889.46 | Each | 2,668 |
| 27 | S/F Long Bib Cock of crystal heas with 1/2" dia (SINO:13 (b), P-19). | 6 | Nos. | 1384.24 | Each | 8,305 |
| 28 | Supply/Fixing wash basin mixture of superior quality hand 1/2" dia (SINO.14 (b), P-19) | 2 | Nos. | 3179 | Each | 6,358 |
| 29 | S/Fixing jet shower with rod of superior quality with c.p head 1/2" dia (SINO.15,P-19). | 1 | No. | 1142.24 | Each | 1,142 |
| 30 | Supplying & fixing swan type piller cock of superior quality with crystal head 1/2" dia (SINO.16 (b) P-19) | 2 | Nos. | 877.80 | Each | 1,756 |
| 31 | S/fixing sink mixture cock superior quality with c.p head etc complete. (SINO.17,P/19). | 1 | No. | 2745.60 | Each | 2,746 |
| 32 | Supplying & fixing c.p Muslim Shower with double bib cock & ring pipe etc complete (SINO.19 (a) P- 19). | 1 | No. | 3432 | Each | 3,432 |
| 33 | S/F bath room accessories set 7 pieces i/c towel rod, brush holder, soap tray shelf of approved design i/c the cost of screws, nuts etc complete master brand (Master braqnd) (SINO.23 /P- 19). | 1 | No. | 10322.40 | Each | 10,322 |
| 34 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-20). | 1 | No. | 5913.22 | Each | 5,913 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|---------|---------|
| 35 | P/F Fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (SINO.3 P- 21). (a) 500 gallons | 1 | No. | 37305.42 | Each | 37,505 |
| 36 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINO.2 P-23). | | | | | |
| | (a) 4" dia. | 12 | Rft: | 146.57 | P-Rft: | 1,759 |
| | (a) 6" dia. | 18 | Rft: | 199.25 | P-Rft: | 3,587 |
| | (b) 9" dia. | 72 | Rft: | 250.60 | P-Rft: | 18,043 |
| 37 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) 1/2" thick inside wall and 1" thick over bearing 1 1/2" x 1 1/2" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 48). (P.H.E) | 3 | Nos. | 14748 | Each | 44,244 |
| 38 | Providing laying UPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 122 meter or 400 ft. (SINO.6,P/24). P.H.E | | | | | |
| | (a) 1/2" dia | 20 | Rft: | 12 | P. Rft: | 240 |
| | (b) 3/4" dia. | 30 | Rft: | 19 | P. Rft: | 570 |
| | (c) 1" dia. | 10 | Rft: | 27 | P. Rft: | 270 |
| | (d) 1-1/4" dia | 90 | Rft: | 33 | P. Rft: | 2,970 |

TOTAL Rs:- 265,516

PART C NON SCHEDULE ITEMS.

| S.No. | Name of Item | Qty: | Rate | Unit | Amount |
|--------------|--|-------------|-------------|-------------|---------------|
| 1 | Providing & Fixing Reciprocating Motor pumps set 1 H.P single phase 220 volts. | 1 No. | | Each | |
| 2 | P/F Hand Pump Machine i/c making (5.0x5.0) C.C Hodi etc complete. | 1 No. | | Each | |
| 3 | Providing & Wrapping Khabar arround strainer pipt. | 1 No. | | Each | |
| 4 | P/F UPVC Strainer pipe for Boaring i/c making holes etc complete. | 1 No. | | Each | |

Total Rs.

-

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Establishment of Park Opposite DC Office
Larkano.

NIT Sr: No.09

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkana.
- (b) Brief Description of Works:- Establishment of Park opposite DC office Larkana.
- (c) Procuring Agency's address:- Circuit House Road Larkana.
- (d) Estimated Cost:- 4,000 (M)
- (e) Amount of Bid Security:- 0.4%
(Fill in lump sum amount or in %age of bid amount estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 200,000/-
(including bid security) -
(in %age of bid amount estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 24-07-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkana
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date, _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkana.

Schedule "B" for Establishment of Park opposite D.C Office Larkano.

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|---------|---------|---------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 4320 | Cft: | 3176.25 | %0 Cft: | 13,721 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 1620 | Cft: | 8694.95 | % Cft | 140,858 |
| 3 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 5881 | Cft: | 11948.4 | % Cft | 702,683 |
| 4 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 4320 | Sft: | 2206.60 | % Sft: | 95,325 |
| 5 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51). | 2700 | Sft: | 2197.52 | % Sft: | 59,333 |
| 6 | Preparing the surface and applying rock wall /shield (Natural wall texture) coating to provide durable crust to wall, thickness b/w 2mm to 32mm (1/8") with acrylic co-polymer emulsion, selected marble chips, adhesive and bactericides, water resistance and fire termite resistance (Up to 20'-0 height). (SINO.43, P/55). | 2160 | Sft: | 4504.50 | % Sft: | 97,297 |
| 7 | P/F iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame iron patti of 3/4" x 3/4" i/c circle shape at 1-0 apart equivalent fitted with screws are pins i/c painting 3 coats with 1st coats of red oxide paint etc. (SINO. 30, P/94). | 240 | Sft: | 194.16 | P. Sft | 46,598 |
| 8 | Erecting rolled steel beams or rails erection for posts etc. (other than in roof) (SINO.7, P/91). | 28.93 | Cwt: | 92.57 | P.cwt: | 2,678 |
| 9 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). Extra lead 3 miles. | 39000 | Cft: | 1720.66 | % Cft: | 671,057 |
| 10 | Trufing slops of banks or lawns with grass sods i/c plonhging laying setting and watering (Turf got from with in a distance of 5 miles and maintenance for 15 days. (SINO.27, P/5). | 24000 | Sft: | 1210 | %Sft | 290,400 |
| 11 | Supplying Manure. (SINO. 44, P/104). | 60 | Cart | 298.12 | P.carts | 17,887 |
| 12 | P/F iron steel grill door with angle iron frame 1 1/2" x 1 1/2" x 1/4" and flat iron of 3/4" x 1/4" with approved design and locking arrangement embedded in Masonry as per instructions of Engineer in charge. (SINO. 31, P/94). | 108 | Sft: | 231.60 | P. Sft | 25,013 |
| 13 | Painting new surface preparing surface and painting guard bars, gates of iron bars, gratings railing (including standards braces, etc). And similar open work. (SINO. 5, (d), P/69). | 216 | Sft: | 1270.83 | %Sft | 2,745 |
| 14 | Scraping, brushing and removing old paint from metal surface. (SINO.3, P/68). | 3240 | Sft: | 605.0 | %Sft | 19,602 |
| 15 | P.O.S Painting guard bars, gates iron bars grating, railings including standard braces (etc) and similar open work in two coats. (SINO.4 (d), P/69). In three coats. | 3240 | Sft: | 977.40 | %Sft | 31,668 |
| 16 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). 3" thick. | 3240 | Sft: | 4411.82 | %Sft | 142,943 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|---------|--------|---------|
| 17 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 1908 | Cft: | 14429.3 | % Cft | 275,310 |
| 18 | Erection & removal of centering for R.C.C or plain cement concrete works of deodar wood (2nd class) (SINO.19.P/18) (a) Horizontal | 3240 | Sft: | 7693.13 | %Sft | 249,257 |
| 19 | Laying Murum flooring consisting of 1" layer of fine powdery or flakey variety of Murum laid over 6" good hard layer of Murum spread over 9" thick sum-base comprising of hand packed rubble or broken bricks properly watered and rammed provided over well rammed earth. (SINO.1, P/39). | 600 | Sft: | 3918.20 | %Sft | 23,509 |
| 20 | Providing & fixing cement paving blocks flooring having size of 197x97x80(mm) of city / Quadra /cobble shape with pigmented having strength b/w 5000 psi to 8500 psi including filling the joints with hill sand & laying in specified manner / pattern & design etc complete. (SINO.74, P/49). | 600 | Sft: | 248.17 | P. Sft | 148,902 |

Total Rs. 3,056,788

Abstract Sheet

| S.N o. | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----------|---|----------|------|--------|---------|---------|
| 1 | Providing G.I pipes specials etc including fixing cutting and fitting complete with and i/c the cost of cutting trench upto 2-1/2" feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen pain to pipes & specials after cleaning & hassian cloth soaked in maxphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling. (SINO: 1,P-14) | | | | | |
| | (a) 1-1/4" dia | 180 | Rft: | 155.27 | P. Rft: | 27,949 |
| | (b) 1-1/2" dia | 360 | Rft: | 183.58 | P. Rft: | 66,089 |
| 2 | P/F Full way Gun metal Balves with wheels, threaded or flabged ends with rubber washing. (SINO.4 (a) P/17). | | | | | |
| | (a) 1-1/4" dia | 2 | Nos. | 337.92 | Each | 676 |
| | (b) 1-1/2" dia | 2 | Nos. | 695.42 | Each | 1,391 |
| 3 | Making the connection with the existing G.I pipe upto 2" dia i/c cutting the pipe & providing and fixing necessary fitting. (SINO. 8,P/18). | 2 | Nos. | 402.16 | Each | 804 |
| 4 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINO.2 P-23). | | | | | |
| | (a) 6" dia. | 72 | Rft: | 199.25 | P-Rft: | 14,346 |
| 5 | Boring for tube well in all water bearing soils from ground level upto 100ft. Or 30.5 meter depth i/c sinking and with drawing of casing pipe. (SINO.1, P/41). (b) 4" dia P.H.E | 100 | Rft: | 242 | P.rft: | 24,200 |
| 6 | Supplying and installing PVC strainers 'B' class of approved design quality and make i/c necessary sockets etc complete. (SINO, 9, (b) P/43). 4" dia. P.H.E | 60 | Rft: | 209.95 | P.rft: | 12,597 |
| 7 | Supplying and installing PVC blind pipe 'B' class of approved design quality and make i/c necessary sockets etc complete. (SINO, 12, (b) P/44). 4" dia. P.H.E | 40 | Rft: | 179.10 | P.rft: | 7,164 |
| 8 | Shrouding with graded bajri (3/8" to 1/8") or (9 to 3mm) in between bore and blind pipe for the following diameters of strainers.(SINO.13, P/45). (b) 4" dia | 100 | Rft: | 49 | P.rft: | 4,900 |
| 9 | Plugging of joint of casing and blind pipe with cement concrete 1:1=1/2:3. (SINIO. 14, P/45). | 100 | Rft: | 347 | P.rft: | 34,700 |

Total Rs. 194,815

Part "C" Electric work

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|-----|-------|--------|---------|
| 1 | P/F of MS tabular pole as following specification to be fixed on pre-cast foundation with the help of hydraulic crane & manual labour. 20ft-(6"dia) x5.5ft (5"dia) x 5.5ft(4"dia) = 31ft wall thickness 8 SWG base plate 18"x18" ¾" hole 4 no's stiffeners 4 nos. 9 ½" x 4 ½" x ½" making window in the pole required size with LN key provision two coats red oxide (2 coat) preventive & of required oil paint (2 coat) as per site requirement & Instruction of EI. (SINO. 132, P/16). | 1 | No. | 36697 | P. No. | 36,697 |
| 2 | Construction of RCC foundation as per following specification & instruction of EI for 31ft/40ft long tubular pole excavation of soft/hard soil 3'x3'x5.5' stone soiling 3'x3'x6' making lean in the ration 1:4:8 length of MS bolts 6 ½" (¾" dia) 4 no's & making thread on MS rod template 16"x16" x ¼" rings ¼" dia round bar 4 no's to the welded with MS rod RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'. (SINO. 139, P/19). | 3 | No. | 15168 | P. No. | 45,504 |
| 3 | P/F of flood light 400 watts (SON) having IP65 classification with 400w lamp, choke, capacitor, igniter & internal wiring complete in all respect at the height up to 40ft with the help hydraulic crane and manual labour as per site requirement and instruction of EI. (SINO. 166, P/26). | 1 | No. | 17585 | P. No. | 17,585 |
| 4 | P/F Circuit breaker 15,20,30,40,50,60,75 & 100 amp TP (XS-100NS) on prepared board as required. (SINO. 207, P/31). | 1 | No. | 9261 | P. No. | 9,261 |
| 5 | P/L (Main or Sub main) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 50mm2. (SINO. 105, P/12). | 1 | No. | 3312 | P. No. | 3,312 |
| 6 | Garden light 10' hight 1 ½" dia pipe Globe and saver 25 w with foundation. (N.S.I). | 1 | No. | 8000 | P. No. | 8,000 |

G. Total Rs. 120,359

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of boundary wall at Graveyard near
Zulfiqar Park

NIT Sr: No.10

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents.)

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Boundary wall at Graveyard near Zuhdgar Park Larkano.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 2.500 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount - estimated cost but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days)
- (g) Security Deposit:- 125,000/-
(including bid security):-
(in % age of bid amount - estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 25-07-2016. Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**Schedule "B" for Construction of Compound wall around Grave Yard
Zulifqar Bagh Larkano.**

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----------|--|----------|------|----------|---------|-----------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 5628 | Cft: | 3176.25 | %0 Cft: | 17,876 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:4:8. (SINO.4 (b), P- 14). | 938 | Cft: | 9416.28 | % Cft | 88,325 |
| 3 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge(SINO:6(l)-P-16 | 1858 | Cft: | 337 | P.Cft | 626,146 |
| 4 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 91.24 | Cwt: | 5001.70 | P.cwt: | 456,360 |
| 5 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (CSI NO. 4, P- 20). | 1988 | Cft: | 11948.36 | % Cft | 237,567 |
| 6 | Pacca brick work other than building i/c sticking joints up to 20' feet height in (SI NO. 7 (e)/ P-21).. | 1701 | Cft: | 12346.65 | % Cft: | 210,017 |
| 7 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 3648 | Sft: | 2206.60 | % Sft: | 80,497 |
| 8 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 / P-51). | 3648 | Sft: | 2197.52 | % Sft: | 80,166 |
| 9 | Filling watering & ramming earth under floors with surplus earth from foundation lead unto in one chain & lift up to 5 ft. (CSINO.21,P/4) | 3752 | Cft: | 1512.50 | %0 Cft: | 5,675 |
| 10 | Cement pointing (1:3) struck joints on walls (SINO: 19 (b)/ P-52). | 2268 | Sft: | 1213.58 | % Sft: | 27,524 |
| 11 | Making and fixing steel grated doors complete with locking arrangement angle iron frame 2"x2" 3/8" and 3/4" square bars 4" centre to centre (SINO: 23 P-91). | 132 | Sft: | 594.57 | P.sft | 78,483 |
| 12 | Painting new surface preparing surface and painting guard bars, gates of iron bars, gratings railing (including standards braces, etc). And similar open work. (SINO. 5, | 264 | Sft: | 1270.83 | % Sft: | 3,355 |
| 13 | Colour washing in two coats. (SINO.25, (b) P/54). | 2520 | Sft: | 859.90 | % Sft: | 21,669 |
| 14 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38 (a+ b),/ P-56). | 2520 | Sft: | 1948.1 | % Sft: | 49,092 |
| Total Rs. | | | | | | 1,982,752 |

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Renovation of Eid Gah at Muhallah Murad Wahan
Larkano.

NIT Sr: No.11

Standard Bidding Document.

is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Renovation of Eid Gah at Muhallah Murad Wahan Larkano.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 2,500 (M)
- (e) Amount of Bid Security:- 04%
(5% in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 125,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 54-07-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

Schedule "B" for the work Renovation of Eid Gah at Muhalla Murad Wahan Larkano.

Part A C.C Block.

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-------------|--|----------|------|---------|---------|---------|
| 1 | Filling watering & ramming earth under floors with new earth (Excavated from outside) lead up to in one chain & lift up to 5 ft. (CSINO.22,P/4) | 32076 | Cft: | 3630.00 | %0 Cft: | 116,436 |
| 2 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). | 5346 | Cft: | 1141.25 | % Cft | 61,011 |
| 3 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 3528 | Cft: | 8694.95 | % Cft | 306,758 |
| 4 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41) 3" thick. | 10692 | Sft: | 4411.82 | % Sft: | 471,712 |
| Total Rs. . | | | | | | 955,917 |

Schedule "B" for the work Renovation of Eid Gah at Muhalla Murad Wahan Larkano.

Part B Compound wall.

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-------------|---|----------|------|----------|---------|---------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 1764 | Cft: | 3176.25 | %0 Cft: | 5,603 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:4:8. (SINO.4 (a),P- 14). | 336 | Cft: | 9416.28 | % Cft | 31,639 |
| 3 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars | 25.68 | Cwt. | 5001.70 | P. Cwt | 128,444 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" | 1060 | Cft: | 337 | P Cft: | 357,220 |
| 5 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 500 | Cft: | 11948.36 | % Cft | 59,742 |
| 6 | Pacca brick work other than building i/c sticking joints up to 20' feet height in (SI NO. 7 (e)/ P-21). | 757 | Cft: | 12346.65 | % Cft | 93,464 |
| 7 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 3192 | Sft: | 2206.60 | % Sft: | 70,435 |
| 8 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51). | 3192 | Sft: | 2197.52 | % Sft: | 70,145 |
| 9 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38,/ P-56). In three coats. | 3192 | Sft: | 2567.95 | %Sft | 81,969 |
| Total Rs. . | | | | | | 898,660 |

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of Medical at Village Dodai

NIT Sr: No.12

Standard Bidding Document.

is intended as a model for admeasurements

(Percentage Rate, Unit price for unit rates in a Bill of Quantities) types of contract.

The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Medical at Village Dodai
- (c) Procuring Agency's address:- Circuit House Road Larkano
- (d) Estimated Cost:- 6.000 (M)
- (e) Amount of Bid Security:- 04%
(Full or lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 300,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~24-06-2016~~ 24-06-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF MEDICAL DISPENSARY AT VILLAGE
DODAI, TALUKA LARKANO, DISTRICT LARKANO.**

**PART "A" CIVIL WORK
SCHEDULE-B**

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 4598 Cft: | 3176.25 | %0 Cft: | 14,604 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (C) P 16). | 2385 Cft: | 8694.95 | % Cft | 207,417. |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P-31). | 3362 Cft: | 11948.36 | % Cft | 401,652 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 2006 Cft: | 337 | P Cft: | 676,132 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20), | 89.568 Cwt. | 5001.70 | P. Cwt | 447,993 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 3231 Cft: | 3630 | %0 Cft: | 11,729 |
| 7 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30), | 2690 Sft: | 1141.25 | % Sft: | 30,700 |
| 8 | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 487 Sft: | 10.70 | P-Sft: | 5,211 |
| 9 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortor(S.No:5 p/24). | 2151 Cft | 12674.36 | %Cft | 272,602 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Pacca brick work other than building i/c striking joints upto 20' feet height in (SI NO. 7 P-26). | 405 Cft. | 12346.65 | % Cft. | 50,004 |
| 11 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| | 1 1/2" thick. | 1934 Sft: | 2548.29 | % Sft: | 49,284 |
| | 3" thick. | 3704 Sft: | 4411.82 | % Sft: | 163,414 |
| 12 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-17). | 52 Cft: | 14429.25 | % Cft: | 7,434 |
| 13 | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). | 8286 Sft: | 2206.60 | % Sft | 182,833 |
| 14 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 8286 Sft: | 2197.52 | % Sft: | 182,081 |
| 15 | Extra labour rate for making Patta etc complete as per instruction of Engineer Incharge (SINO: 35 P-54) | 1004 Sft: | 19.36 | % Sft: | 19,428 |
| 16 | Cement Pointing Strking joints on walls 1.3 ratio. (S.I.No. 10 P-58). | 3992 Sft: | 1213.58 | % Sft: | 48,440 |
| 17 | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 267 Rft | 228.90 | P. Rft: | 61,116 |
| | Windows | 364 Rft | 240.50 | P-Rft: | 87,542 |
| 18 | Supply & Fixing in position iron steel grill of 3/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-93). | 188 Sft: | 180.50 | P.Sft: | 33,934 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19 | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-97). | 48 Sft: | 594.57 | P.Sft: | 28,539 |
| 20 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-65) (Only Shutters). | 440 Sft: | 902.93 | P.Sft: | 397,289 |
| 21 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slaury of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-47). | 297 Sft: | 30509.77 | % Sft: | 90,614 |
| 22 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-45). | 25 Sft | 28253.61 | P-Sft | 7,063 |
| 23 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/ P-48). | 80 Sft | 28299.30 | P-Sft | 22,639 |
| 24 | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-67). | 144 Sft: | 190.72 | P.Sft: | 27,464 |
| 25 | Primary Coat of Chalk under | 4556 Sft: | 393.25 | % Sft: | 17,916 |
| 26 | Distempering in three Coats.(SINo.24P-59). | 4556 Sft: | 1079.65 | % Sft: | 49,189 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

27 Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). 2184 Sft: 1948.10 % Sft: 42,547

28 Colour washing two Coats.(SINo.267,P-53). 6000 Sft: 859.9 % Sft: 51,594

29 Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P-75). 932 Sft: 2116.41 % Sft: 19,725

30 Boring & fixing 1-1/2" dia pressure pipe 90 Lft 53.44 P-Lft 4809.6
TOTAL:- 3,712,952

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**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF MEDICAL DISPENSARY AT VILLAGE
DODAI, TALUKA LARKANO, DISTRICT LARKANO.**

PART "B" WATER SUPPLY & SAINTARY FITTING.
SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 3 No. | 5836.60 | Each | 17,510 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 1 Nos. | 4253.90 | Each | 4,254 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 4 Nos. | 938.47 | Each | 3,754 |
| 4/- | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 1 Nos. | 447.15 | Each | 447 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 20 Rft: | 333.29 | P-Rft: | 6,666 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 2 Rft: | 599.60 | P-Rft: | 1,199 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 10 Rft: | 289.25 | P-Rft: | 2,893 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | 3/4" dia. | 30 Rft: | 95.79 | P-Rft: | 2,874 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 3 Nos. | 843.92 | Each | 2,532 |
| 10 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 3 Nos. | 1384.24 | Each | 4,153 |
| 11 | Supplying & fixing swan type pillar cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 1 Nos. | 795.00 | Each | 795 |
| 12 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.17P-15). | 1 Nos. | 1142.24 | Each | 1,142 |
| 13 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 1 Nos. | 10322.40 | Each | 10,322 |
| 14 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18 | 1 Nos. | 21989.60 | Each | 21,990 |
| 15 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | |
| | (a) 6" dia. | 30 Rft: | 199.25 | P-Rft: | 5,978 |
| 16 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 1 No, | 14748 | Each | 14,748 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|----|--|---------|---------|--------|--------|
| 17 | Providing & Fixing PVC pipe of class D. | | | | |
| | (a) 1 1/2" dia. | 90 Rft: | 121 | P-Rft: | 10,890 |
| | (b) 3/4" dia | 80 Rft: | 80.0 | P-Rft: | 6,400 |
| 18 | Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32). | 1 Nos. | 15600 | Each | 15,600 |
| 19 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17). | 2 Nos. | 5913.22 | Each | 11,826 |

TOTAL Rs:- 145,972

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Renovation/Rehabilitation of Dargah Sono Khan
Jatoi & Dargah Mashori Shareef.

NIT Sr: No.13

Standard Bidding Document.

is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano
- (b) Brief Description of Works:- Renovation/Rehabilitation of Dargah Sono Khan Jaton & Dargah Mashori Shareef
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 4,000 (M)
- (e) Amount of Bid Security:- 04%
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).
- (g) Security Deposit:- 200,000/-
(including bid security):-
(in % age of bid amount estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (V/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 5-06-2016. Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt
- (n) DR. No. _____ Date: _____
Amount:- _____
- (o) Rate quoted by Contractor:- No. _____ Date: _____
Rs. _____
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

DETAILED WORKING ESTIMATE FOR RENOVATION/ REHABILITATION OF DARGAH SONO
KHAN JATOL, TALUKA BAKRANI, DISTRICT LARKANA.

45

PART "A" CIVIL WORK

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Dismanteling Serki Sarkanda or thateled roofing supported on battens or ballies (SINO: P-). | 1044 Cft: | 817.10 | % Cft | 8,531 |
| 2 | Dismanteling Sundary Brick Masonary (SINO: P-). | 2778 Cft: | 378.13 | % Cft | 10,503 |
| 3 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 2729 Cft: | 3176.25 | %0 Cft: | 8,666 |
| 4 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10(SINO:4(b)P 16). | 1235 Cft: | 8694.65 | % Cft | 107,348 |
| 5 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 1483 Cft: | 11948.36 | % Cft | 177,140 |
| 6 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 328 Cft: | 337 | P Cft: | 110,700 |
| 7 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 11.73 Cwt. | 5001 | P. Cwt | 58,670 |
| 8 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortor(S.No:5 p/24). | 1935 Cft | 12674.36 | %Cft | 245,273 |
| 9 | Supplying Iron Steel Girders (Material SINO: P-). | 14.88 Cwt | 3850 | Cwt | 57,269 |
| 10 | Supplying Iron Steel T-Irons (Material SINO: P-). | 20.41 Cwt | 3450 | Cwt | 70,417 |
| 11 | Errection of rooled steel beams or old rails in roofs etc, erection & fixing in position (| 35.29 Cwt | 186.34 | Cwt | 6,575 |

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|----------------|--|-----------|----------|--------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 12 | First class tile roofing consist of 4" earth & 1" mud plaster with Gobri leeping over 1/2" thick cement plaster 1:6 with 34 Lbs of hot bitumen coating sand blinded provided over 2 layers of tiles 12"x6"x1 1/4" laid in 1:6 cement mortar with layer of 1:6 cement mortar i/c 1:2 cement pointing underside of tile complete i/c curring etc (SINO. 1, P-32) | 1148 Sft | 11443.1 | % Sft | 131,367 |
| 13 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (S.I.No.7(d) P-58). | 106 Sft: | 1273.76 | P.Sft: | 134,382 |
| 14 | Supplying and filling sand under floor and plaguing in to walls with extra lead 6.0 miles (SINO: 29 P-30.) | 2088 Sft: | 1141.25 | % Sft: | 23,829 |
| 15 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| | 3" Thick C.C topping. | 182 Sft: | 4411.82 | % Sft: | 8,030 |
| 16 | Pacca brick work other than building i/c stricking joints upto 20' feet height in (SI NO. 7 P-26). | 195 Cft. | 12346.65 | % Cft. | 24,076 |
| 17 | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). | 4880 Sft: | 2206.60 | % Sft | 107,682 |
| 18 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 4880 Sft: | 2197.52 | % Sft: | 107,239 |
| 19 | Cement Pointing Strking joints on walls 1.3 ratio. (S.I.No. 10 P-52). | 1045 Sft: | 1213.58 | % Sft: | 12,682 |
| 20 | Primary Coat of Chalk under Distemper.(SINo.23,P-53). | 0 Sft: | 393.25 | % Sft: | - |
| 21 | Distempering in three Coats.(SINo.24P-59). | 4880 Sft: | 1079.65 | % Sft: | 52,687 |
| TOTAL:- | | | | | 1,463,070 |

DETAILED WORKING ESTIMATE FOR RENOVATION/ REHABILITATION OF DARGAH SONO KHAN
JATOL, TALUKA BAKRANI, DISTRICT LARKANA.

SCHEDULE-B

PART "B" W/S & S/FITTING.

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 2 No. | 5836.60 | Each | 11,673 |
| 2 | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 1 Nos. | 4253.90 | Each | 4,254 |
| 3 | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 1 Nos. | 938.47 | Each | 938 |
| 4 | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 1 Nos. | 447.15 | Each | 447 |
| 5 | P/F 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down gratting with or without a vent arm complete with and i/c making requisite number of holder cement concrete (1:2:4) (S.I No: 23, P-6). | 2 Nos. | 244.35 | Each | 489 |
| 6 | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 10 Rft: | 333.29 | P-Rft: | 3,333 |
| 7 | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 10 Rft: | 289.25 | P-Rft: | 2,893 |

| No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-----|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|----|---|----------|---------|--------|--------|
| 8 | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| | b) 3" dia pipe | 20 Rft: | 360.40 | P-Rft: | 7,208 |
| 9 | Providing & Fixing Full Way gun metal valve standard pattern (S.I.No. P-15). | | | | |
| | (a) ¾" dia | 2 Nos. | 197.12 | Each | 394 |
| 10 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 12 Nos. | 1384.24 | Each | 16,611 |
| 11 | Supplying & fixing swan type pillar cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 1 Nos. | 778.00 | Each | 778 |
| 12 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | |
| | (a) 4" dia. | 30 Rft: | 146.57 | P-Rft: | 4,397 |
| 13 | Providing & Fixing PVC pipe of class D. | | | | |
| | (a) 1 1/2" dia. | 100 Rft: | 121 | P-Rft: | 12,100 |
| | (b) 3/4" dia. | 80 Rft: | 80 | P-Rft: | 6,400 |
| 14 | Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32). | 1 Nos. | 15600 | Each | 15,600 |

TOTAL Rs:- 87,515

SCHEDULE B
RENOVATION /REHABILITATION OF DARGAH SONO
JATOI TALUKA BAKRANI DISTRICT LARKANO. (ELECTRIC WORK)

| S.No. | Name of items. | Qty. | Rate. | Unit. | Amount. |
|-------|--|---------|-------------|----------|---------|
| 1/- | Wiring for light or fan point with 3/.029PVC insulated wire in 20mm (3/4") channel patti on surface as required. (Second Edition 2012) (S.No.129 P.No.15). | 25Point | @Rs: 910/= | P.Point. | 22750/= |
| 2/- | Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required. (Second Edition 2012) (S.No.130 P.No.15). | 04Point | @Rs: 742/= | P.Point. | 2968/= |
| 3/- | P/F 3 pin 15 amps flush type S.P plug socket switch & shoe unit on given board recessed in the walls or coloumns & covered with plastic sheet.(S.No.18 p.No.11) | 01No | @Rs: 156/97 | Each | 157/= |
| 4/- | Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.029 Copper conductor in 3/4" dia PVC conduit on surface. (Second Edition 2012). (S.No.3 P.No.1). | 46Meter | @Rs: 171/= | P. Meter | 7866/= |
| 5/- | P/F Energy saver superior quality i/c fixing on extg: holder etc complete.(S.No.6 P.No. 33). | 30No | @Rs: 497/= | Each | 14910/= |
| 6/- | Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.052 (10 mm2) Copper conductor in 1" dia PVC conduit on surface. (Second Edition 2012). (S.No.6 P.No.1). | 80Meter | @Rs: 428/= | P.Meter | 34240/= |
| 7/- | Providing and fixing one way S.P 5 amps switch flush type. (Second Edition) (S.No.219 P.No.33). | 25No | @Rs: 54/= | Each. | 1350/= |
| 8/- | Providing and fixing two pin 5 amps plug & socket flush type. (Second Edition 2012) (S.No. 225 P.No. 33). | 04No | @Rs: 83/= | Each. | 332/= |
| 9/- | Providing and fixing brass Bakelite ceiling rose with two terminal. (S.No. 228P.No.33). | 15No | @Rs: 72/= | Each. | 1080/= |
| 10/- | Providing & Fixing Brass Battern holder. (Second Edition 2012) (S.No.232 P.No.33). | 30No | @Rs: 70/= | Each. | 2100/= |
| 11/- | Providing & Fixing Brass ceiling fan 56" (good quality). (Second Edition 2012) (S.No.235 P.No.34). | 15No | @Rs: 3185/= | Each. | 47775/= |

| | | | | | |
|------------------|---|---------|--------------|---------|----------------|
| 12/- | P/F circuit breakers 6 Amps to 63 Amps D.P i/c fixing on a prepared board and necessary connection.(S.No.2 P.No.20).. | 06No | @Rs: 948/02 | Each. | 5688/= |
| 13/- | Fixing A.C ceiling fan regulator on S.W board. (S.No.01(b)P.No.14). | 15No | @Rs: 91/30 | Each. | 1370/= |
| 14/- | P/F mild steel bar fan clam 15.8mm (5/8") dia suitable for RCC roof. (S.No.01©P.No. 14). | 15No | @Rs: 141/01 | Each. | 2115/= |
| 15// | P/F main panel board double shutter to accommodate heavy duty circuit breakers bus bar inc, painting. (S.No.8P.No.13). | 02Sq.ft | @Rs: 1426/34 | P.Sq.ft | 2853/= |
| 16/- | P/F earthing set with 2'x2'x1/2" copper plate buried in ground at a depth of 12" or less if water comes out from the ground level with salt and charcoal, etc i/c making the and charcoal, etc i/c making the pit 12" deep by excavation of all type of soil. Earth plate to be connected with No.8 S.W.G bare copper wire run in 1/2"dia G.I pipe straight from the earth upto metallic electrical assarary i/c providing necessary tee.(S.No.22 P.No.26). | .01No | @Rs: 2570/07 | Each. | 2570/= |
| Total Rs: | | | | | 150124= |

CONTRACTOR

Ahsanullah Shaikh

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of sport gym at Municipal Stadium
Larkana.

NIT Sr: No.14

Standard Bidding Document,
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Document).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Sport gym at Municipal Stadium Larkano.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 5,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in %age of bid amount /estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).
- (g) Security Deposit:- 250,000/-
(including bid security):-
(in %age of bid amount /estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (1%Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 24-03-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano.
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

Schedule "B" for Construction of Sports Gym at Municipal Stadium Larkano.

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|---------|---------|---------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 3747 | Cft: | 3176.25 | %0 Cft: | 11,901 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:4:8. (SINO.4 (a),P- 14). | 575 | Cft: | 9416.28 | % Cft | 54,144 |
| | C.C 1:5:10. | 1206 | Cft: | 8694.95 | % Cft | 104,861 |
| 3 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(l)-P-16 | 2412 | Cft: | 337 | P Cft: | 812,844 |
| 4 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 144.72 | Cwt | 5001.70 | P. Cwt | 723,846 |
| 5 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 1158 | Cft: | 11948.4 | % Cft | 138,362 |
| 6 | Two coats of bitumen laid hot using 34 Lbs for %sft. Ober roof and blinded with sand at one Cft. Per %Sft. (SINO.13, P/34. | 152 | Sft: | 1887.40 | % Sft: | 2,869 |
| 7 | Providing & laying single layers of polythene sheet 0.13 mm thick for water proofing as per specification & instructions of Engineer In charge (SINO. 38/P-37). | 152 | Sft: | 10.70 | P.Sft | 1,626 |
| 8 | Filling watering & ramming earth under floors with surplus earth from foundation lead unto in one chain & lift up to 5 ft. (CSINO.21,P/4) | 2498 | Cft: | 1512.25 | %0 Cft: | 3,778 |
| 9 | Filling watering & ramming earth under floors with new earth (Excavated from outside) lead up to in one chain & lift up to 5 ft. (CSINO.22,P/4) Extra lead 4 miles. | 6144 | Cft: | 4479.86 | %0 Cft: | 27,524 |
| 10 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). Extra lead 4 miles. | 1498 | Cft: | 1991.11 | % Cft: | 29,827 |
| 11 | Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO: 05 P-20). | 2501 | Cft: | 12674.4 | % Cft | 316,986 |
| 12 | P/L G.I. frame/chowkats of size 7"x2" or 4-1/2"x 3" for Door using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing (SINO: 29/ P-92). | 160 | Sft: | 228.90 | P. Sft | 36,624 |
| 13 | P/L G.I. frame/chowkats of size 7"x2" or 4-1/2"x 3" for windows using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing (SINO: 28/ P-92). | 208 | Sft: | 240.50 | P. Sft | 50,024 |
| 14 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts cleats handles and cords with hooks etc deodar paneled or and fully glazed (SI NO: 7 P-57). (only Shutter) | 304 | Sft: | 902.93 | P. Sft | 274,491 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|----------|--------|---------|
| 15 | Supplying & fixing in position iron / steel grill of 3/4"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 176 | Sft: | 180.90 | P. Sft | 31,838 |
| 16 | S/F in position Aluminium channels framing for hinged doors or Alcop made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. (SINO.83, (b) P/107). | 56 | Sft: | 1507.66 | P. Sft | 84,429 |
| 17 | S/F in position Aluminium channels framing for sliding windows & ventilators Alcop made with 5 mm thick tinted glass glazing (Belgium) and Aluminium fly screen i/c handles, stoppers & locking arrangement etc complete. (SINO.84, (b) P/107). | 64 | Sft: | 1647.69 | P. Sft | 105,452 |
| 18 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 3404 | Sft: | 2206.60 | % Sft: | 75,113 |
| 19 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51). | 3404 | Sft: | 2197.52 | % Sft: | 74,804 |
| 20 | Galvanized wire gauze fixed to chowkats with 3/4" deodar strips & screws. (CSI No.14 (d) /P-67). | 176 | Sft: | 190.72 | P. Sft | 33,567 |
| 21 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 261 | Cft: | 14429.3 | % Cft | 37,660 |
| 22 | P/L tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 916 | Sft: | 30509.77 | %Sft | 279,469 |
| 23 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43) | 762 | Sft: | 567.48 | P.Sft | 432,420 |
| 24 | P/F 3/8" thick marble tiles of approved quality and colour and shade size 8" x4"/6" x4" in dado skirting and facing removal /tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete (new works) (SINO.68,P/49). | 52 | Sft: | 186.04 | P.Sft | 9,674 |
| 25 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 276 | Sft: | 27678.86 | %Sft | 76,394 |
| 26 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-44). | 262 | Sft: | 28253.61 | %Sft | 74,024 |
| 27 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). 2" thick. | 1118 | Sft: | 3275.50 | %Sft | 36,620 |
| 28 | Distempering in three coats. (SINO: 24 /P-53). | 2105 | Sft: | 1079.65 | %Sft | 22,727 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|---------|------|---------|
| 29 | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink/ chalk/ plaster of paris mixture, applying first coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc: complete 2 nd & subsequent coat. (new surface) (SINO. 36, P/55) in. three coats. | 3474 | Sft: | 3444.38 | %Sft | 119,658 |
| 30 | Preparing surface and painting of doors & windows any type, (including edge). (SINO. 5 (c), P/69). | 608 | Sft: | 2116.41 | %Sft | 12,868 |
| 31 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38,/ P-56). In three coats. | 2700 | Sft: | 2567.95 | %Sft | 69,335 |

Total Rs. 4,165,758

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|--|----------|------|----------|---------|---------|
| 1 | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 with 4" dia earthen ware trap and plastic thumble/. (SINO.3(ii) / P-2). | 1 | No. | 6166.60 | Each | 6,167 |
| 2 | P/F European white glazed earthen ware wash down w.c pan complete with & i/c the cost of white/black plastic coat (best quality) & lid with c.p brass hinges & buffers 3 gallons white glazed earthen ware low level foushing cistern with siphon fitting 1 1/2" dia white porcelain enameled flush bend 3/4" dia making requisite number of holes in walls plinth and floor for pipe connections and making good in cement concrete 1:2:4 (foreign Quality). (SINO.5 P- 2) | 1 | No. | 11477.40 | Each | 11,477 |
| 3 | P/F 18"x12" (47.72x30.49.cm) lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I canti lever bracket 6 inches built into wall painted white in two coat after a primary coat of red lead paint a pair of 1/2" dia chrome plated pillar taps 1- 1/4" rubber plug & chrome plated brass chain 1- 1/4" brass waste of approved pattern 1-1/4" dia malloable iron or x.p brasstraps, malloable iron brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement concrete (1:2:4) (Foreign or Superior Quality). (SINO. 15 / P- 5). | 1 | No. | 5467.00 | Each | 5,467 |
| 4 | Add extra for labour for providing & fixing of earthen ware Pedestal white or coloured glazed standard pattern (SINO. 11 / P-3). | 1 | Nos. | 2533.47 | Each | 2,533 |
| 5 | P/F Steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 1 | No. | 5712.30 | Each | 5,712 |
| 6 | P/F 6"x2" or 6"x3" C.I floor trap of the approved selt cleaning design with a C.I screwed down grating with or without a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for pipe connections & making good cement concrete 1:2:4. (SINO.20,P/6). | 2 | Nos. | 2042.43 | Each | 4,085 |
| 7 | P/F 1/2" dia lead connection complete with a 1/2" dia brass stop cock, two bras nuts & lining joints tolead pipe with plumber wiped solder joints 1/2" inche lead pipe to be of not less than 4 lbs per lineal yard. (SINO.22,P/6). | 2 | Nos. | 689.70 | Each | 1,379 |
| 8 | P/F in position nylon connection complete with 1/2" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 | Nos. | 447.15 | Each | 894 |
| 9 | P/F c.p brass toilet paper holder of atandar with chrome plated brass brackets complete (Similar to twyforde design No. 1108) SINO. 2 (b) P/7). | 1 | No. | 1071.40 | Each | 1,071 |
| 10 | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-9) | 18 | Rft. | 333.29 | P. Rft. | 5,999 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|--------|---------|---------|
| 11 | P/F M.S clamps of the approved design to 4" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 4" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 12 | Nos. | 72.16 | Each | 866 |
| 12 | P/F 4"x4" dia C.I branch of the required degree with access doors, rubber washer 3/8" thick and bolts and nuts and extra painting to match the colour of the building. (SINO.3, P/9). | 1 | No. | 702.00 | Each | 702 |
| 13 | P/F 4" dia C.I off-set of various length i/c extra painting to match the colour of the building. (SINO. 8,P/10). | 1 | No. | 702.00 | Each | 702 |
| 14 | Providing & Fixing 4" dia bend of the required degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (SINO: 9, P-10). | 1 | No. | 599.60 | Each | 600 |
| 15 | P/F 4" dia C.I terminal guard i/c extra painting to match the colour of the building. (SINO.11,P/10). | 2 | Nos. | 389.70 | Each | 779 |
| 16 | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINO.13P-9) | 12 | Rft. | 289.25 | P-Rft. | 3,471 |
| 17 | P/F M.S clamps of the approved design to 3" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 3" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 6 | Nos. | 264 | Each | 1,584 |
| 18 | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zinc painting with pigment to match testing with water to a pressure head of 200 feet and handling(S No: 7,P-12) | | | | | |
| | (a) 1/2" dia. | 30 | Rft. | 73.21 | P. Rft. | 2,196 |
| | (b) 3/4" dia. | 25 | Rft. | 95.79 | P. Rft. | 2,395 |
| | (c) 1" dia. | 20 | Rft. | 128.59 | P. Rft. | 2,572 |
| 19 | Add: extra for labour canceled G.I pipe and fitting i/c cutting making recess in wall for pipe and making good in cement mortar etc complete (S.I.No. 2 P-12). | | | | | |
| | (a) 1/2" dia | 30 | Rft. | 7.82 | P. Rft. | 235 |
| | (b) 3/4" dia. | 25 | Rft. | 8.45 | P. Rft. | 211 |
| | (c) 1" dia. | 20 | Rft. | 9.96 | P. Rft. | 199 |
| 20 | Painting of G.I pipe with 2 coats of Zinc paint for internal fittings. (SINO.3,P/13). | | | | | |
| | (a) 1/2" dia | 30 | Rft. | 3 | P. Rft. | 90 |
| | (b) 3/4" dia. | 25 | Rft. | 4 | P. Rft. | 100 |
| | (c) 1" dia. | 20 | Rft. | 6 | P. Rft. | 120 |
| 21 | Providing G.I pipes specials etc including fixing cutting and fitting complete with and i/c the cost of cutting trench upto 2-1/2" feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes & specials after cleaning & hessian cloth soaked in maxphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling.(SINO: 1,P-14) | | | | | |
| | (a) 1-1/4" dia | 90 | Rft. | 155.27 | P. Rft. | 13,974 |
| | (b) 1-1/2" dia | 10 | Rft. | 183.58 | P. Rft. | 1,836 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|--------|---------|
| 22 | P/F Ball valve (with unsoldered copper ball) made to B.B.S 1212. (SINO.6, P/18). | | | | | |
| | (a) 1/2" dia | 1 | No. | 235.84 | Each | 236 |
| | (b) 3/4" dia. | 1 | No. | 290.84 | Each | 291 |
| | (c) 1" dia. | 1 | No. | 318.34 | Each | 318 |
| | (d) 1-1/4" dia | 1 | No. | 510.84 | Each | 511 |
| | (e) 1-1/2" dia | 1 | No. | 573.70 | Each | 574 |
| 23 | Canceled C.P fittings of Superior quality for tiles bath rooms (b) S/fixing canceled stop cock of superior quality with c.p head 1/2" dia (SINO. 11, P/18). | 2 | Nos. | 509.74 | Each | 1,019 |
| 24 | Making the connection with the existing G.I pipe upto 2" dia i/c cutting the pipe & providing and fixing necessary fitting. (SINO. 8,P/18). | 1 | No. | 402.16 | Each | 402 |
| 25 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand 1/2" dia (S.I.No. 12 (b) P-18) | 1 | No. | 889.46 | Each | 889 |
| 26 | S/F Long Bib Cock of crystal head with 1/2" dia (SINO:13 (b), P-19). | 3 | Nos. | 1384.24 | Each | 4,153 |
| 27 | Supply / Fixing wash basin mixture of superior quality hand 1/2" dia (SINO.14 (b), P-19) | 1 | No. | 3179 | Each | 3,179 |
| 28 | S/Fixing jet shower with rod of superior quality with c.p head 1/2" dia (SINO.15,P-19). | 1 | No. | 1142.24 | Each | 1,142 |
| 29 | Supplying & fixing swan type pillar cock of superior quality with crystal head 1/2" dia (SINO.16 (b) P-19) | 1 | No. | 877.80 | Each | 878 |
| 30 | S/fixing sink mixture cock superior quality with c.p head etc complete. (SINO.17,P/19). | 1 | No. | 2745.60 | Each | 2,746 |
| 31 | Supplying & fixing c.p Muslim Shower with double bib cock & ring pipe etc complete (SINO.19 (a) P- 19). | 1 | No. | 3432 | Each | 3,432 |
| 32 | S/F bath room accessories set 7 pieces i/c towel rod, brush holder, soap tray shelf of approved design i/c the cost of screws, nuts etc complete master brand (Master brand) (SINO.23 /P- 19). | 1 | No. | 10322.40 | Each | 10,322 |
| 33 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curbing excavation back filling & disposal of earth etc complete (S.I.No. 2 P-20). | 1 | No. | 5913.22 | Each | 5,913 |
| 34 | P/F Fibre glass tank of approved quality and design and wall thickness as specified i/c cost of nuts bolts & fixing in plate form of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (SINO.3 P- 21). (a) 500 gallons | 1 | No. | 37505.42 | Each | 37,505 |
| 35 | Providing R.C.C pipe with class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft. above of the highest pipe and refilling with excavated stuff (SINO.2 P-23). | | | | | |
| | (a) 4" dia. | 24 | Rft. | 146.57 | P-Rft. | 3,518 |
| | (a) 6" dia. | 32 | Rft. | 199.25 | P-Rft. | 6,376 |
| | (b) 9" dia. | 64 | Rft. | 250.60 | P-Rft. | 16,038 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|-------|---------|---------|
| 36 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 48). (P.H.E) | 1 | No. | 14748 | Each | 14,748 |
| 37 | Providing laying UPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 122 meter or 400 ft. (SINO.6,P/24). P.H.E | | | | | |
| | (a) ½" dia | 24 | Rft: | 12 | P. Rft: | 288 |
| | (b) ¾" dia. | 16 | Rft: | 19 | P. Rft: | 304 |
| | (c) 1" dia. | 36 | Rft: | 27 | P. Rft: | 972 |
| | (d) 1-1/4" dia | 90 | Rft: | 33 | P. Rft: | 2,970 |

| | |
|-------------------|----------------|
| TOTAL Rs:- | 196,143 |
|-------------------|----------------|

PART C NON SCHEDULE ITEMS.

| S.No. | Name of Item | Qty: | Rate | Unit | Amount |
|--------------|--|-------------|-------------|-------------|---------------|
| 1 | Providing & Fixing Reciprocating Motor pumps set 1 H.P single phase 220 volts. | 1 No. | | Each | |
| 2 | P/F Hand Pump Machine i/c making (5.0x5.0) C.C Hodi etc complete. | 1 No. | | Each | |
| 3 | Providing & Wrapping Khabar arround strainer pipt. | 1 No. | | Each | |
| 4 | P/F UPVC Strainer pipe for Boaring i/c making holes etc complete. | 1 No. | | Each | |

Total Rs. -

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of Trauma centre and renovation of
old Maternity home for Cardiology unit at
Naudero city. (Const: of Trauma Centre).

NIT Sr: No.16

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Trauma centre and Renovation of old maternity home for cardiology unit at Naudero City (renovation of Trauma Centre)
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 6,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days)
- (g) Security Deposit:- 300,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (1/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 34-06-2016, Time (2-0 P M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt
No. _____ Date: _____
Amount:- _____
- (n) DR.
No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**DETAILED WORKING ESTIMATE FOR THE WORK CONSTRUCTION OF TRAUMA CENTRE &
RENOVATION OF OLD MATERNITY HOME FOR CARDIOLOGY AT NAUDERO CITY (CONSTR: OF
TRAUMA CENTRE)**

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

SCHEDULE "B"

| | | | | | | |
|-----|--|--------|------|----------|---------|-----------|
| 1/- | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 5832 | Cft: | 3176.25 | %0 Cft: | 18,524 |
| 2/- | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (b) P 14). | 1702 | Cft: | 8694.95 | % Cft | 147,988 |
| 3/- | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P20). | 763 | Cft: | 11948.36 | % Cft | 91,166 |
| 4/- | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-16). | 4030 | Cft: | 337 | P Cft: | 1,358,110 |
| 5/- | Fabrication of Tor steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-16). | 179.93 | Cwt. | 5001.70 | P. Cwt | 899,951 |
| 6/- | P/L single layers of polythene sheet 0.13 mm thick for water proofing as per specification & instructions of Engineer In charge (SINO. 38/P-37). | 632 | Sft: | 10.70 | P-Sft | 6,762 |
| 7/- | Pacca Brick Work in G. Floor (1:6) Cement Sand mortor(S.No:5 P/20). | 3856 | Cft | 12674.36 | %Cft | 488,723 |
| 8/- | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-4). | 2826 | Cft: | 3630.00 | %0 Cft: | 10,258 |

| Sl. No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|---------|--|----------|---------------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9/- | Supplying and filling sand under floor and plugging in to walls (SINO: 29 P-25) | 2826 | Sft: 1141.25 | % Sft: | 32,252 |
| 10/- | Cement concrete plain 1:2:4 i/c placing compacting finishing and curing complete i/c scering and washing of stones aggagate without shuttering (SINo. 5(f) P-15). | 168 | Cft: 14409.25 | % Cft: | 24,241 |
| 11/- | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO. 16(c) P-41). 1 1/2" Thick | | | | |
| | 2: Thick | 3551 | Sft: 3275.5 | % Sft: | 116,313 |
| | 3" thick | 1777 | Sft: 4411.82 | % Sft: | 78,398 |
| 12/- | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-51). | 8678 | Sft: 2206.60 | % Sft: | 191,489 |
| 13/- | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-51). | 8678 | Sft: 2197.52 | % Sft: | 190,701 |
| 14/- | Cement Pointing Strking joints on walls 1:3 ratio. (S.I.No. 19 P-52). | 2016 | Sft: 1213.58 | % Sft: | 24,466 |
| 15/- | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 238 | Sft: 228.90 | P-Sft: | 54,478 |
| | Windows | 384 | Sft: 240.50 | P. Sft: | 92,352 |
| 16/- | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-57) (Only Shutters). | 294 | Sft: 902.93 | P.Sft: | 265,461 |
| | 1 x 3/4" thick i/c Chowkats | 42 | Sft: 1273.46 | P.Sft: | 53,485 |

| No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-----|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|------|---|-----------|----------|--------|---------|
| 17/- | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slauy of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-46). | 728 Sft: | 30509.77 | % Sft: | 222,111 |
| 22/- | White Glazed tiles 1/4 "thick jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO:24 P-42). | 322 Sft: | 27678.86 | %Sft | 89126 |
| 23/- | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (S.I.NO: 38 P-25). | 426 Sft | 28253.30 | % Sft | 120,359 |
| 24/- | Supply & Fixing in position iron*steel grill of 1/2" thick 1/2" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-92). | 96 Sft: | 180.50 | P.Sft: | 17,328 |
| 25/- | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch irion fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-67) | 96 Sft: | 190.72 | P.Sft: | 18,309 |
| 26/- | Primary Coat of chalk under distempering (S.I.No: 24 P-53) | 6524 Sft | 442.75 | % Sft | 28,885 |
| 27/- | White washing in three coats. (S.I.No: 25 P-53) | 2826 Sft: | 829.85 | % Sft: | 23,452 |
| 28/- | Preparing the surface and painting % sft with matt finish i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). | 2479 Sft: | 2499.76 | % Sft: | 61,969 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

29/- Preparing the surface and painting % sft 3456 Sft: 2113.83 % Sft: 73,227
 with weather coat i/c rubbing th surface
 paper filling the weather coat appr: new
 surface (SINO: 36 P-61).

30/- Painting doors and windows any type etc 608 Sft: 2116.41 % Sft: 12,868
 complete Old surface painting door and
 windows (SINO:5(C) / P-69).

31/- Boring & fixing 1- 1/2: dia pressure Pipe 90 Rft 53.44 P-Rft 4810
 (S.I.No: P-)

32/- Extra Lead 3.0 Mile (S.I.No: P-) 5652 Sft 579.41 % Sft 32748

TOTAL:- 4,850,310

**DETAILED WORKING ESTIMATE FOR THE WORK CONSTRUCTION OF TRAUMA CENTRE &
RENOVATION OF OLD MATERNITY HOME FOR CARDIOLOGY AT NAUDERO CITY (CONSTITUTION OF
TRAUMA CENTRE)**

SCHEDULE-B

PART "B" Water Supply & Sanitary Fitting

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| | 2 | 3 | 4 | 5 | 6 |

3 No. 5835.60 Each 17,510

P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (S.No.3(i) /P-2).

Providing & Fixing European Canode etc complete.(S.No. P-).

2 No. 5339.40 Each 10,679

2/- P/F 24"x18" lavatory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I cantilever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of 1/2" good in cement concrete (1:2:4) standard pattern (S.No.8/P-3)

3 Nos. 4253.90 Each 12,762

3/- Add extra for labour for providing & fixing of earthen ware Pedestal white or coloured glazed standard pattern (S.No. 9 /P- 3)

3 Nos. 938.47 Each 2,815

4/- P/F in position nylon connection complete with 1/2" dia brass stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) .

3 Nos. 447.15 Each 1,341

5/- Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8)

20 Rft: 333.29 P-Rft: 6,666

6/- Providing & Fixing 4" dia bend of the require degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9)

10 Nos. 599.60 Each 5,996

| S.No. | Item of work. | Quantity | Rite. | Unit | Amount. |
|-------|---|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo. 13P-9) | 30 Rft: | 289.25 | P-Rft: | 8,678 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zinc painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| | b) 3/4" dia. | 50 Rft: | 95.79 | P-Rft: | 4,790 |
| | c) 1" dia. | 50 Rft: | 128.59 | P-Rft: | 6,430 |
| 9/- | Supply & fixing cancelled stop cock of supire built hand 1/2" dia (S.I.No. 11P-18) | 3 Nos. | 478.28 | Each | 1,435 |
| 10/- | S/F long Bib Cock of Superior quality with C.P bead 1/2" dia (S.I No: 15(a), P-17) | 5 Nos. | 1384.24 | Each | 6,921 |
| 11/- | Supplying & fixing swan type piller cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 3 Nos. | 795.00 | Each | 2,385 |
| | Supplying & fixing Muslim Shower with Crystal Head complete (SINo.21(a) P- 16). | 2 Nos. | 3432 | Each | 6,864 |
| 12/- | S/Fixing jet shower with rod of superior quality with c.p head 1/2" dia (SINo.17P-15). | 1 Nos. | 1142.24 | Each | 1,142 |
| 13/- | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 2 Nos. | 10322.40 | Each | 20,645 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

14/- Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bolts & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18)

(b) 250 Gallons 1 Nos. 21989.60 Each 21,990

15/- Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23).

(a) 4" dia. 60 Rft: 146.57 P-Rft: 8,794

(b) 6" dia. 30 Rft: 199.25 P-Rft: 5,978

(c) 9" dia. 30 Rft: 250.60 P-Rft: 7,518

16/- Construction of main hole or inspection chamber for the require dia of eircular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) 1/2" thick inside wall and 1" thick over bearing 1 1/2" x 1 1/2" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32).

1 No. 14748 Each 14,748

17/- Providing & Fixing PVC pipe of class D.

(a) 1 1/2" dia. 100 Rft: 121 P-Rft: 12,100

(b) 3/4" dia. 100 Rft: 80 P-Rft: 8,000

18/- Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32).

1 Nos. 15600 Each 15,600

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19/- | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation ½" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17). | 2 Nos. | 5913.22 | Each | 11,826 |
| 20/- | Providing & fixing steel stainless local make complete with cast iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 18 P-15). | 1 Nos. | 5712.30 | Each | 5,712 |

TOTAL Rs:- 229,342

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of Police Check posts at entry point
of Larkana city

NIT Sr: No.15

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Police Check posts at entry point of Larkana City.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 9.758 (M)
- (e) Amount of Bid Security:- 04%
(Full or lump sum amount or in %age of bid amount - estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 390,000/-
(including bid security):-
(in %age of bid amount/estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~24-06-2016~~ 24-06-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano.
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

► Schedule "B" for the work Construction of Police Check Posts at Entry Points of Larkano City.

Abstract Sheet

Part A Main Building.

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|----------|---------|---------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 1006 | Cft: | 3176.25 | %0 Cft: | 3,195 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 1126 | Cft: | 8694.95 | % Cft | 97,905 |
| 3 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 1075 | Cft: | 11948.40 | % Cft | 128,445 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16 | 782 | Cft: | 337 | P Cft: | 263,534 |
| 5 | Fabrication of Tor steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 38.40 | Cwt | 5001.70 | P. Cwt | 192,065 |
| 6 | Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO: 05 P-20). | 1290 | Cft: | 12674.4 | % Cft | 163,499 |
| 7 | Filling watering & ramming earth under floors with surplus earth from foundation lead unto in one chain & lift up to 5 ft. (CSINO.21,P/4) | 1301 | Cft: | 1512.25 | %0 Cft: | 1,967 |
| 8 | Filling watering & ramming earth under floors with new earth (Excavated from outside) lead up to in one chain & lift up to 5 ft. (CSINO.22,P/4) | 6577 | Cft: | 3630 | %0 Cft: | 23,875 |
| 9 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). Extra lead 3 miles. | 1250 | Cft: | 1141.25 | % Cft: | 14,266 |
| 11 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 3691 | Sft: | 2206.60 | % Sft: | 81,446 |
| 12 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51). | 3691 | Sft: | 2197.52 | % Sft: | 81,110 |
| 13 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 105 | Cft: | 14429.3 | % Cft | 15,151 |
| 14 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts chocks, cleats, handles and cords with hooks etc. Deodar paneled or and fully glazed (SINO: 7 (b), P-58). | 133 | Sft: | 1273.76 | P. Sft | 169,410 |
| 15 | P/L tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 645 | Sft: | 30509.77 | %Sft | 196,788 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|----------|--------|---------|
| 16 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 329 | Sft: | 27678.86 | %Sft | 91,063 |
| 17 | Boring 1-1/2" dia pressure pipe (SINO: 26/ P-108). | 90 | Sft: | 53.44 | P. Sft | 4,810 |
| 18 | Supplying & fixing in position iron / steel grill of 3/4"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 59 | Sft: | 180.90 | P. Sft | 10,673 |
| 19 | Making and fixing steel grated doors complete with locking arrangement angle iron frame 2"x2" 3/8" and 3/4" square bars 4" centre to centre (SINO: 23 P-91). | 70 | Sft: | 594.57 | P. Sft | 41,620 |
| 20 | White washing in three coats. (S.NO. 26 P 53). | 658 | Sft: | 829.95 | %Sft | 5,461 |
| 21 | Primary coat of chalk under distemper (SINO: 23/ P-53). | 2487 | Sft: | 442.75 | %Sft | 11,011 |
| 22 | Distempering in three coats. (SINO: 24 /P-53). | 2487 | Sft: | 1079.65 | %Sft | 26,851 |
| 23 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38,/ P-56). In three coats. | 1280 | Sft: | 2567.95 | %Sft | 32,870 |
| 24 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). 1 1/2" thick. | 960 | Sft: | 2548.29 | %Sft | 24,464 |
| | 3" thick. | 1842 | Sft: | 4411.82 | %Sft | 81,266 |
| 25 | Galvanized wire gauze fixed to chowkats with 3/4" deodar strips & screws. (CSI No.14 (d) /P-67). | 70 | Sft: | 190.72 | P.Sft | 13,350 |
| 26 | Painting doors and windows any type etc complete new surface painting door and windows (SINO: 5-P-78). | 266 | Sft: | 1489.68 | %Sft | 3,963 |

Total Rs. 1,780,058

1,780,058

x 3

— **PART "B" W/S & S/FITTING.**

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|--|----------|------|---------|--------|---------|
| 1 | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2) | 1 | No. | 5836.60 | Each | 5,837 |
| 2 | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 1 | Nos. | 4253.90 | Each | 4,254 |
| 3 | Add extra for labour for providing & fixing of earthen ware padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 1 | Nos. | 938.47 | Each | 938 |
| 4 | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 1 | Nos. | 447.15 | Each | 447 |
| 5 | Providing & Fixing 4" dia C.I Soil and Vent pipes i/c cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-9) | 5 | Rft: | 333.29 | P-Rft: | 1,666 |
| 6 | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-10) | 2 | Rft: | 599.60 | P-Rft: | 1,199 |
| 7 | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-10) | 3 | Rft: | 289.25 | P-Rft: | 868 |
| 8 | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-12). (a) 1/2" dia | 10 | Rft: | 73.21 | P-Rft: | 732 |
| | (b) 3/4" dia. | 40 | Rft: | 95.79 | P-Rft: | 3,832 |
| | (c) 1" dia. | 10 | Rft: | 128.59 | P-Rft: | 1,286 |
| 9 | Add: extra for labour canceled G.I pipe and fitting i/c cutting making recess in wall for pipe and making good in cement mortor etc complete (S.I.No. 2 P-12). | | | | | |
| | (a) ½" dia | 10 | Rft: | 7.82 | P-Rft: | 78 |
| 10 | Supply & fixing cancelled stop cock of supire built hand ½" dia (S.I.No. 11P-18) | 4 | Nos. | 478.28 | Each | 1,913 |
| 11 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 12 (a) P-18). | 3 | Nos. | 843.92 | Each | 2,532 |
| 12 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 13(a), P-19) | 4 | Nos. | 1384.24 | Each | 5,537 |
| 13 | Supply/Fixing wash basin mixture of superior quality hand ½" dia (SINo.14 (b), P-19). | 1 | Nos. | 3179 | Each | 3,179 |
| 14 | Supplying & fixing swan type piller cock of superior quality with Crystal Head(S.I.No. 16 (a) P-19) | 2 | Nos. | 795.00 | Each | 1,590 |

| S.N | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|----------|--------|---------|
| 15 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.15, P-19). | 1 | Nos. | 1142.24 | Each | 1,142 |
| 16 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16). | 2 | No. | 10322.40 | Each | 20,645 |
| 17 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-28). | 1 | No. | 21989.60 | Each | 21,990 |
| 18 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | | |
| | (a) 6" dia. | 20 | Rft: | 199.25 | P-Rft: | 3,985 |
| | (b) 9" dia. | 10 | Rft: | 250.60 | P-Rft: | 2,506 |
| | (c) 12" dia. | 10 | Rft: | 401.97 | P-Rft: | 4,020 |
| 19 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P-48). (P.H.E) | 2 | No. | 14748 | Each | 29,496 |
| 20 | Supplying & fixing Muslim Shower with Crystal Head complete (SINo.19(a) P- 19). | 1 | Nos. | 3432 | Each | 3,432 |
| 21 | Providing & Fixing PVC pipe of class D. (SINO.3,P23) (P.H.E) (a) 1 1/2" dia. | 90 | Rft: | 44 | P-Rft: | 3,960 |
| 22 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation ½" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (SINo.2 P-20) | 4 | Nos. | 5913.22 | Each | 23,653 |
| 23 | Providing & fixing steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 1 | Nos. | 5712.30 | Each | 5,712 |

Total Rs:- 156,429

156,429

x 3

**➤ Schedule "B" for the work Construction of Police Check Posts at Entry
Points of Larkano City.
Abstract Sheet**

Part B Compound wall.

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|----------|---------|---------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 400 | Cft: | 3176.25 | %0 Cft: | 1,271 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (b), P- 14). | 100 | Cft: | 8694.95 | % Cft | 8,695 |
| 3 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 537 | Cft: | 11948.40 | % Cft | 64,163 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16 | 57 | Cft: | 337 | P Cft: | 19,209 |
| 5 | Fabrication of Tor steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 3.54 | Cwt | 5001.70 | P. Cwt | 17,706 |
| 6 | Pacca brick work other than building i/c sticking joints up to 20' feet height in (SI NO. 7 (e)/ P-21). | 396 | Cft: | 12346.7 | % Cft | 48,893 |
| 7 | Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51). | 1251 | Sft: | 2206.60 | % Sft: | 27,605 |
| 8 | Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51). | 1251 | Sft: | 2197.52 | % Sft: | 27,491 |
| 9 | Cement pointing (1:3) struck joints on walls (SINO: 19 (b)/ P-52). | 500 | Sft: | 1213.58 | % Sft: | 6,068 |
| 10 | Providing laying Halla or Pattern tiles glazed 6"x6" 1/4" on floor or wall facing in required pattern of stile specification jointed in white cement and pigment over a base 1.2 gray cement mortar 3/4" thick i/c washing and filling joints with slurry of white cement and pigment in desired shape with finishing and cost of wax polish etc complete i/c cutting tiles proper profile (SINO. 61/P-47). | 50 | Sft: | 47651.6 | % Sft: | 23,826 |
| 11 | Extra Labor rate for patta /band. (SINo. 35,P/55). | 100 | Rft: | 19.36 | P.rft: | 1,936 |
| 12 | Primary coat of chalk under distemper (SINO: 23/ P-53). | 1251 | Sft: | 442.75 | %Sft | 5,539 |
| 13 | Distemping in two coats. (SINO: 24 (b)/P-54). | 1251 | Sft: | 1043.90 | %Sft | 13,059 |
| 23 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38. / P-56). | 800 | Sft: | 1328.25 | %Sft | 10,626 |

Total Rs. 276,085

Say Rs. 276,100

208 x 2761 = 574,288

574288

x 3

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of Sachal Sarmast Literally complex
Larkano.

NIT Sr: No.17

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate- Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano
- (b) Brief Description of Works:- Construction of Sachal Sarmast Literally complex Larkano
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 5,000 (M)
- (e) Amount of Bid Security:- 04%
(full or lump sum amount or in %age of bid amount - estimated cost, but not exceeding 8%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).
- (g) Security Deposit:- 250,000/-
(including bid security):-
(in %age of bid amount - estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 24-03-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence. - 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:- Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

Schedule "B" for Construction of Sachal Sarmast Literally complex Larkano.

Abstract Sheet

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|---------|---------|---------|
| 1 | Excavation for foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lead up to one chain and lift up to 5.0ft:(CSI NO.18, P- 04). | 3747 | Cft: | 3176.25 | %0 Cft: | 11,901 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:4:8. (SINO.4 (a),P- 14). | 575 | Cft: | 9416.28 | % Cft | 54,144 |
| | C.C 1:5:10. | 1206 | Cft: | 8694.95 | % Cft | 104,861 |
| 3 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and lift its labour for bending and windowing which will be paid separately this rate also i/c all kinds forms moulds lifting shuttering curing rate 1.2.4 ratio 90lbs cement 2cft sand 4cft shingle 1/8" to 1/4" gauge (SINO:6(l)-P-16 | 2412 | Cft: | 337 | P Cft: | 812,844 |
| 4 | Fabrication of Mild steel reinforced cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (SINO: 8 P-16). | 144.72 | Cwt | 5001.70 | P. Cwt | 723,846 |
| 5 | Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20) | 1158 | Cft: | 11948.4 | % Cft | 138,362 |
| 6 | Two coats of bitumen laid hot using 34 Lbs for %sft. Ober roof and blinded with sand at one Cft. Per %Sft. (SINO.13, P/34. | 152 | Sft: | 1887.40 | % Sft: | 2,869 |
| 7 | Providing & laying single layers of polythene sheet 0.13 mm thick for water proofing as per specification & instructions of Engineer In charge (SINO. 38/P-37). | 152 | Sft: | 10.70 | P.Sft | 1,626 |
| 8 | Filling watering & ramming earth under floors with surplus earth from foundation lead unto in one chain & lift up to 5 ft. (CSINO.21,P/4) | 2498 | Cft: | 1512.25 | %0 Cft: | 3,778 |
| 9 | Filling watering & ramming earth under floors with new earth (Excavated from outside) lead up to in one chain & lift up to 5 ft. (CSINO.22,P/4) Extra lead 4 miles. | 6144 | Cft: | 4479.86 | %0 Cft: | 27,524 |
| 10 | Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25). Extra lead 4 miles. | 1498 | Cft: | 1991.11 | % Cft: | 29,827 |
| 11 | Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO: 05 P-20). | 2501 | Cft: | 12674.4 | % Cft | 316,986 |
| 12 | P/L G.I. frame/chowkats of size 7"x2" or 4-1/2"x 3" for Door using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing (SINO: 29/ P-92). | 160 | Sft: | 228.90 | P. Sft | 36,624 |
| 13 | P/L G.I. frame/chowkats of size 7"x2" or 4-1/2"x 3" for windows using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing (SINO: 28/ P-92). | 208 | Sft: | 240.50 | P. Sft | 50,024 |
| 14 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hole fasts hinges iron tower bolts cleats handles and cords with hooks etc deodar paneled or and fully glazed (SI NO: 7 P-57). (only Shutter) | 304 | Sft: | 902.93 | P. Sft | 274,491 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|--|----------|------|----------|--------|---------|
| 15 | Supplying & fixing in position iron / steel grill of $\frac{3}{4}$ "x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to less than 3.7 lbs /sq. ft of finished grill).(SINO 26/ P-97). | 176 | Sft: | 180.90 | P. Sft | 31,838 |
| 16 | S/F in position Aluminium channels framing for hinged doors or Alcop made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. (SINO.83, (b) P/107). | 56 | Sft: | 1507.66 | P. Sft | 84,429 |
| 17 | S/F in position Aluminium channels framing for sliding windows & ventilators Alcop made with 5 mm thick tinted glass glazing (Belgium) and Aluminium fly screen i/c handles, stoppers & locking arrangement etc complete. (SINO.84, (b) P/107). | 64 | Sft: | 1647.69 | P. Sft | 105,452 |
| 18 | Cement Plaster 1:6 up to 20'ft height $\frac{1}{2}$ " thick (SINO.13 (b) / P-51). | 3404 | Sft: | 2206.60 | % Sft: | 75,113 |
| 19 | Cement Plaster 1:4 $\frac{3}{8}$ " thick up to 20'ft height (SINO: 11 /P-51). | 3404 | Sft: | 2197.52 | % Sft: | 74,804 |
| 20 | Galvanized wire gauze fixed to chowkats with $\frac{3}{4}$ " deodar strips & screws. (CSI No.14 (d) /P-67). | 176 | Sft: | 190.72 | P. Sft | 33,567 |
| 21 | Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SI No. 5(F)/ P-15). | 261 | Cft: | 14429.3 | % Cft | 37,660 |
| 22 | P/L tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar $\frac{3}{4}$ " thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (SINO.60 P-46). | 916 | Sft: | 30509.77 | %Sft | 279,469 |
| 23 | Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing & polishing of the joints.(SINO.28(a)/ P-43) | 762 | Sft: | 567.48 | P.Sft | 432,420 |
| 24 | P/F $\frac{3}{8}$ " thick marble tiles of approved quality and colour and shade size 8" x4"/6" x4" in dado skirting and facing removal /tucking of existing plaster surface etc. over $\frac{1}{2}$ " thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete (new works) (SINO.68,P/46). | 52 | Sft: | 186.04 | P.Sft | 9,674 |
| 25 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over $\frac{3}{4}$ " thick cement mortar 1:2 complete. (SI NO 24/ P-43). | 276 | Sft: | 27678.86 | %Sft | 76,394 |
| 26 | White Glazed tiles $\frac{1}{4}$ " thick dado jointed in white cement and laid over 1:2 cement sand mortar $\frac{3}{4}$ " thick i/c finishing. (SI NO 37 P-44). | 262 | Sft: | 28253.61 | %Sft | 74,024 |
| 27 | Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (SINO: 16 /P-41). 2" thick. | 1118 | Sft: | 3275.50 | %Sft | 36,620 |
| 28 | Distempering in three coats. (SINO: 24 /P-53). | 2105 | Sft: | 1079.65 | %Sft | 22,727 |

| S.# | Item of work. | Quantity | | Rate. | Unit | Amount. |
|-----|---|----------|------|---------|------|---------|
| 29 | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink/ chalk/ plaster of paris mixture, applying first coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc: complete 2 nd & subsequent coat. (new surface) (SINO. 36, P/55) in. three coats. | 3474 | Sft: | 3444.38 | %Sft | 119,658 |
| 30 | Preparing surface and painting of doors & windows any type, (including edge). (SINO. 5 (c), P/69). | 608 | Sft: | 2116.41 | %Sft | 12,868 |
| 31 | Preparing the surface and Painting % Sft with weather coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc (new surface) (SINO:38,/ P-56). In three coats. | 2700 | Sft: | 2567.95 | %Sft | 69,335 |

Total Rs. 4,165,758

Abstract Sheet

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|--|----------|------|----------|---------|---------|
| 1 | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 with 4" dia earthen ware trap and plastic thumble/. (SINO.3(ii) / P-2). | 1 | No. | 6166.60 | Each | 6,167 |
| 2 | P/F European white glazed earthen ware wash down w.c pan complete with & i/c the cost of white/black plastic coat (best quality) & lid with c.p brass hinges & buffers 3 gallons white glazed earthen ware low level foushing cistern with siphon fitting 1 1/2" dia white porcelain enameled flush bend 3/4" dia making requiste number of holes in walls plinth and floor for pipe connections and making good in cement concrete 1:2:4 (foreign Quality). (SINO.5 P- 2) | 1 | No. | 11477.40 | Each | 11,477 |
| 3 | P/F 18"x12" (47.72x30.49.cm) lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I canti lever bracket 6 inches built into wall painted white in two coat after a primary coat of red lead paint a pair of 1/2" dia chrome plated pillar taps 1- 1/4" rubber plug & chrome plated brass chain 1- 1/4" brass waste of approved pattern 1-1/4" dia malloable iron or x.p brasstraps, malloable iron brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement concrete (1:2:4) (Foreign or Superior Quality). (SINO. 15 / P- 5). | 1 | No. | 5467.00 | Each | 5,467 |
| 4 | Add extra for labour for providing & fixing of earthen ware Pedestal white or coloured glazed standard pattern (SINO. 11 / P-3). | 1 | Nos. | 2533.47 | Each | 2,533 |
| 5 | P/F Steel stainless local make complete with cost iron or wrought brackets chain 1 1/2" C.P brass waste with 1 1/2" plate P.V.C waste pipe and making requisite of holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (a) Steel sink stainless sized 40"x20" local making standards pattern (S.I.No. 19 P-16). | 1 | No. | 5712.30 | Each | 5,712 |
| 6 | P/F 6"x2" or 6"x3" C.I floor trap of the approved selt cleaning design with a C.I screwed down grating with or with out a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for pipe connections & making good cement concrete 1:2:4. (SINO.20,P/6). | 2 | Nos. | 2042.43 | Each | 4,085 |
| 7 | P/F 1/2" dia lead connection complete with a 1/2" dia brass stop cock, two bras nuts & lining joints tolead pipe with plumber wiped solder joints 1/2" inche lead pipe to be of not less than 4 lbs per lineal yard. (SINO.22,P/6). | 2 | Nos. | 689.70 | Each | 1,379 |
| 8 | P/F in position nylon connection complete with 1/2" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 | Nos. | 447.15 | Each | 894 |
| 9 | P/F c.p brass toilet paper holder of atandar with chrome plated brass brackets complete (Similar to twyfords design No. 1108) SINO. 2 (b) P/7). | 1 | No. | 1071.40 | Each | 1,071 |
| 10 | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-9) | 18 | Rft: | 333.29 | P. Rft: | 5,999 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|--------|---------|---------|
| 11 | P/F M.S clamps of the approved design to 4" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 4" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 12 | Nos. | 72.16 | Each | 866 |
| 12 | P/F 4"x4" dia C.I branch of the required degree with access doors, rubber washer 3/8" thick and bolts and nuts and extra painting to match the colour of the building. (SINO.3, P/9). | 1 | No. | 702.00 | Each | 702 |
| 13 | P/F 4" dia C.I off-set of various length i/c extra painting to match the colour of the building. (SINO. 8,P/10). | 1 | No. | 702.00 | Each | 702 |
| 14 | Providing & Fixing 4" dia bend of the required degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (SINO: 9, P-10). | 1 | No. | 599.60 | Each | 600 |
| 15 | P/F 4" dia C.I terminal guard i/c extra painting to match the colour of the building. (SINO.11,P/10). | 2 | Nos. | 389.70 | Each | 779 |
| 16 | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINO.13P-9) | 12 | Rft: | 289.25 | P-Rft: | 3,471 |
| 17 | P/F M.S clamps of the approved design to 3" dia C.I pipe sockets i/c the cost of cutting and making good to wall or M.S bolts and nuts, 3" into wall i/c pipe distance pieces extra painting to match the colour of the building. (SINO.2, P/9). | 6 | Nos. | 264 | Each | 1,584 |
| 18 | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zinc painting with pigment to match testing with water to a pressure head of 200 feet and handling(S No: 7,P-12) | | | | | |
| | (a) 1/2" dia. | 30 | Rft: | 73.21 | P. Rft: | 2,196 |
| | (b) 3/4" dia. | 25 | Rft: | 95.79 | P. Rft: | 2,395 |
| | (c) 1" dia. | 20 | Rft: | 128.59 | P. Rft: | 2,572 |
| 19 | Add: extra for labour canceled G.I pipe and fitting i/c cutting making recess in wall for pipe and making good in cement mortar etc complete (S.I.No. 2 P-12). | | | | | |
| | (a) 1/2" dia. | 30 | Rft: | 7.82 | P. Rft: | 235 |
| | (b) 3/4" dia. | 25 | Rft: | 8.45 | P. Rft: | 211 |
| | (c) 1" dia. | 20 | Rft: | 9.96 | P. Rft: | 199 |
| 20 | Painting of G.I pipe with 2 coats of Zinc paint for internal fittings. (SINO.3,P/13). | | | | | |
| | (a) 1/2" dia. | 30 | Rft: | 3 | P. Rft: | 90 |
| | (b) 3/4" dia. | 25 | Rft: | 4 | P. Rft: | 100 |
| | (c) 1" dia. | 20 | Rft: | 6 | P. Rft: | 120 |
| 21 | Providing G.I pipes specials etc including fixing cutting and fitting complete with and i/c the cost of cutting trench upto 2-1/2" feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes & specials after cleaning & hassian cloth soaked in maxphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling.(SINO: 1,P-14) | | | | | |
| | (a) 1-1/4" dia. | 90 | Rft: | 155.27 | P. Rft: | 13,974 |
| | (b) 1-1/2" dia. | 10 | Rft: | 183.58 | P. Rft: | 1,836 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|----------|--------|---------|
| 22 | P/F Ball valve (with unsoldered copper ball) made to B.B.S 1212. (SINO.6, P/18). | | | | | |
| | (a) 1/2" dia | 1 | No. | 235.84 | Each | 236 |
| | (b) 3/4" dia. | 1 | No. | 290.84 | Each | 291 |
| | (c) 1" dia. | 1 | No. | 318.34 | Each | 318 |
| | (d) 1-1/4" dia | 1 | No. | 510.84 | Each | 511 |
| | (e) 1-1/2" dia | 1 | No. | 573.70 | Each | 574 |
| 23 | Canceled C.P fittings of Superior quality for tiles bath rooms (b) S/fixing canceled stop cock of superior quality with c.p head 1/2" dia (SINO. 11, P/18). | 2 | Nos. | 509.74 | Each | 1,019 |
| 24 | Making the connection with the existing G.I pipe upto 2" dia i/c cutting the pipe & providing and fixing necessary fitting. (SINO. 8,P/18). | 1 | No. | 402.16 | Each | 402 |
| 25 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand 1/2" dia (S.I.No. 12 (b) P-18) | 1 | No. | 889.46 | Each | 889 |
| 26 | S/F Long Bib Cock of crystal head with 1/2" dia (SINO:13 (b), P-19). | 3 | Nos. | 1384.24 | Each | 4,153 |
| 27 | Supply/Fixing wash basin mixture of superior quality hand 1/2" dia (SINO.14 (b), P-19) | 1 | No. | 3179 | Each | 3,179 |
| 28 | S/Fixing jet shower with rod of superior quality with c.p head 1/2" dia (SINO.15,P-19). | 1 | No. | 1142.24 | Each | 1,142 |
| 29 | Supplying & fixing swan type pillar cock of superior quality with crystal head 1/2" dia (SINO.16 (b) P-19) | 1 | No. | 877.80 | Each | 878 |
| 30 | S/fixing sink mixture cock superior quality with c.p head etc complete. (SINO.17,P/19). | 1 | No. | 2745.60 | Each | 2,746 |
| 31 | Supplying & fixing c.p Muslim Shower with double bib cock & ring pipe etc complete (SINO.19 (a) P- 19). | 1 | No. | 3432 | Each | 3,432 |
| 32 | S/F bath room accessories set 7 pieces i/c towel rod, brush holder, soap tray shelf of approved design i/c the cost of screws, nuts etc complete master brand (Master brand) (SINO.23 /P- 19). | 1 | No. | 10322.40 | Each | 10,322 |
| 33 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curbing excavation back filling & disposal of earth etc complete (S.I.No. 2 P-20). | 1 | No. | 5913.22 | Each | 5,913 |
| 34 | P/F Fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bolts & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (SINO.3 P- 21). (a) 500 gallons | 1 | No. | 37505.42 | Each | 37,505 |
| 35 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINO.2 P-23). | | | | | |
| | (a) 4" dia. | 50 | Rft: | 146.57 | P-Rft: | 7,329 |
| | (a) 6" dia. | 32 | Rft: | 199.25 | P-Rft: | 6,376 |
| | (b) 9" dia. | 64 | Rft: | 250.60 | P-Rft: | 16,038 |

| S.No | Item of work. | Quantity | | Rate. | Unit | Amount. |
|------|---|----------|------|-------|---------|---------|
| 36 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3' 6" earth with walls and cement mortar (1:3) cement plaster (1:3) 1/2" thick inside wall and 1" thick over bearing 1 1/2" x 1 1/2" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 48). (P.H.E) | 1 | No. | 14748 | Each | 14,748 |
| 37 | Providing laying UPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 122 meter or 400 ft. (SINO.6,P/24). P.H.E | | | | | |
| | (a) 1/2" dia | 24 | Rft: | 12 | P. Rft: | 288 |
| | (b) 3/4" dia. | 16 | Rft: | 19 | P. Rft: | 304 |
| | (c) 1" dia. | 36 | Rft: | 27 | P. Rft: | 972 |
| | (d) 1-1/4" dia | 90 | Rft: | 33 | P. Rft: | 2,970 |

TOTAL Rs:-

199,954

PART C NON SCHEDULE ITEMS.

| S.No. | Name of Item | Qty: | Rate | Unit | Amount |
|--------------|--|-------------|-------------|-------------|---------------|
| 1 | Providing & Fixing Reciprocating Motor pumps set 1 H.P single phase 220 volts. | 1 No. | | Each | |
| 2 | P/F Hand Pump Machine i/c making (5.0x5.0) C.C Hodi etc complete. | 1 No. | | Each | |
| 3 | Providing & Wrapping Khabar arround strainer pipt. | 1 No. | | Each | |
| 4 | P/F UPVC Strainer pipe for Boaring i/c making holes etc complete. | 1 No. | | Each | |

Total Rs. -

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of new medical Dispensary at Village
Phulpota Taluka Ratodero.

NIT Sr: No.18

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of new Medical Dispensary at village Phurpura Taluka Ratodero
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 6.000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or as % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).
- (g) Security Deposit:- 300,000/-
(including bid security):-
(in %age of bid amount / estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit
- (i) Deadline for Submission of Bids along with time:- ~~5-04~~ 2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF MEDICAL DISPENSARY AT VILLAGE
PHULPOTA-I, TALUKA RATODERO, DISTRICT LARKANO.**

PART "A" CIVIL WORK

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (S.NO: 18-P-4). | 4598 Cft: | 3176.25 | %0 Cft: | 14,604 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (C) P 16). | 2385 Cft: | 8694.95 | % Cft | 207,417 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 3362 Cft: | 11948.36 | % Cft | 401,652 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screcning and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 2006 Cft: | 337 | P Cft: | 676,132 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 89.568 Cwt. | 5001.70 | P. Cwt | 447,993 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 3231 Cft: | 3630 | %0 Cft: | 11,729 |
| 7 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30.) | 2690 Sft: | 1141.25 | % Sft: | 30,700 |
| | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 487 Sft: | 10.70 | P-Sft: | 5,211 |
| 9 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortar(S.No:5 p/24). | 2151 Cft | 12674.36 | %Cft | 272,602 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Pacca brick work other than building i/c striking joints upto 20' feet height in (SI NO. 7 P-26). | 405 Cft. | 12346.65 | % Cft. | 50,004 |
| 11 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| | 1 1/2" thick. | 1934 Sft | 2548.29 | % Sft: | 49,284 |
| | 3" thick. | 3704 Sft: | 4411.82 | % Sft: | 163,414 |
| 12 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggregate without shuttering (S.I.No. 5(f) P-17). | 52 Cft: | 14429.25 | % Cft: | 7,434 |
| 13 | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO 13(b) P-58). | 8286 Sft: | 2206.60 | % Sft | 182,833 |
| 14 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO: 10 P-57). | 8286 Sft: | 2197.52 | % Sft: | 182,081 |
| 20 | Extra labour rate for making Patta etc complete as per instruction of Engineer Incharge (SINO: 35 P-54). | 1004 Sft: | 19.36 | % Sft: | 19,428 |
| 15 | Cement Pointing Strking joints on walls 1:3 ratio. (S.I.No. 10 P-58). | 3992 Sft: | 1213.58 | % Sft: | 48,440 |
| 16 | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 267 Rft | 228.90 | P. Rft: | 61,116 |
| | Windows | 364 Rft | 240.50 | P-Rft: | 87,542 |
| 17 | Supply & Fixing in position iron steel grill of 3/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-93). | 188 Sft: | 180.50 | P.Sft: | 33,934 |
| 18 | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-97). | 48 Sft: | 594.57 | P.Sft: | 28,539 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|----------|-------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-65) (Only Shutters). | 440 Sft | 902.93 | P.Sft | 397,289 |
| 20 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-47). | 297 Sft | 30509.77 | % Sft | 90,614 |
| 21 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-45). | 25 Sft | 28253.61 | P-Sft | 7,063 |
| 22 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/ P-48). | 80 Sft | 28299.30 | P-Sft | 22,639 |
| 23 | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-67). | 144 Sft | 190.72 | P.Sft | 27,464 |
| 32 | Primary Coat of Chalk under | 4556 Sft | 393.25 | % Sft | 17,916 |
| 33 | Distemper in three Coats.(SINo.24P-59). | 4556 Sft | 1079.65 | % Sft | 49,189 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

25 Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61).

2184 Sft: 1948.10 % Sft: 42,547

37 Colour washing two Coats.(SINO.267,P-53).

6000 Sft: 859.9 % Sft: 51,594

26 Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P-75).

932 Sft: 2116.41 % Sft: 19,725

27 Boring & fixing 1-1/2" dia pressure pipe

90 Lft 53.44 P-Lft 4809.8

TOTAL:-

3,712,952

371400

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF MEDICAL DISPENSARY AT VILLAGE
PHULPOTA-I, TALUKA RATODERO, DISTRICT LARKANO.**

PART "B" WATER SUPPLY & SAINTARY FITTING.

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (S.No.3(i) /P-2). | 3 Nos. | 5836.60 | Each | 17,510 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (S.No.8P-3) | 1 Nos. | 4253.90 | Each | 4,254 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (S.No. 9 /P- 3) | 4 Nos. | 938.47 | Each | 3,754 |
| 4/- | P/F In position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 1 Nos. | 447.15 | Each | 447 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 20 Rft: | 333.29 | P-Rft: | 6,666 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with access door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 2 Rft: | 599.60 | P-Rft: | 1,199 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (S.No.13P-9) | 10 Rft: | 289.25 | P-Rft: | 2,893 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | ¾" dia. | 30 Rft: | 95.79 | P-Rft: | 2,874 |

| S. No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|--------|---|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b)). | 3 Nos | 843.92 | Each | 2,532 |
| 11 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 3 Nos. | 1384.24 | Each | 4,153 |
| 12 | Supplying & fixing swan type pillar cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 1 Nos. | 795.00 | Each | 795 |
| 13 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (S.No.17P-15). | 1 Nos | 1142.24 | Each | 1,142 |
| 14 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder scap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 1 Nos. | 10322.40 | Each | 10,322 |
| 15 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18) | 1 Nos. | 21989.60 | Each | 21,990 |
| 16 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (S.No.2 P-23). | | | | |
| | (a) 6" dia. | 30 Rft: | 199.25 | P-Rft: | 5,978 |
| 17 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 1 No. | 14748 | Each | 14,748 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

18 Providing & Fixing PVC pipe of class D.

(a) 1 1/2" dia. 90 Rft. 121 P-Rft. 10,890

(b) 3/4" dia 80 Rft. 80.0 P-Rft. 6,400

19 Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32) 1 Nos. 15600 Each 15,600

20 Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curbing excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17). 2 Nos. 5913.22 Each 11,826

TOTAL Rs:- 145,972

Murtaza Hussain Solangi
SD/Ratodero

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Renovation/Rehabilitation of public park at Dokri
City.

NIT Sr: No.19

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents.)

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Renovation/Rehabilitation of Public park at Dokri City.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 1,500 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninety days).
- (g) Security Deposit:- 75,000/-
(including bid security):-
(in % age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 24-06-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano.
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt
No. _____ Date:- _____
Amount:- _____
- (n) DR.
No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**DETAILED WORKING ESTIMATE FOR RENOVATION/ REHABILITATION OF
PUBLIC PARK AT DOKRI, TALUKA DOKRI, DISTRICT LARKANA.**

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 1860 Cft: | 3176.25 | %0 Cft: | 5,908 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10(SINO:4(b)P 16). | 1264 Cft: | 8694.65 | % Cft | 109,900 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 1107 Cft: | 11948.36 | % Cft | 132,233 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 120 Cft: | 337 | P Cft: | 40,440 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 5.36 Cwt. | 5001 | P. Cwt | 26,791 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 27920 Cft: | 3630 | %0 Cft: | 101,350 |
| 7 | Supplying and filling sand under floor and plaguing in to walls with extra lead 6.0 miles (SINO: 29 P-30.) | 13960 Sft: | 1141.25 | % Sft: | 159,319 |
| 8 | Extra lead 3.0 miles for earth filling & sand filling (R.A) | 41880 Sft: | 771.96 | % Cft: | 323,297 |
| 9 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| | 3" Thick C.C topping. | 3720 Sft: | 4411.82 | % Sft: | 164,120 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|----|--|----------|---------|--------|--------|
| | Trufing slops of banks or lawns with grass sods i/c ploughing laying, setting watering (24200 Sft: 1210 % Sft: 292,820 truf got from with the distance of 5 miles & maintainance for 15 days) SINO. 27, p-5) | | | | |
| 11 | Cement plaster 1:6 upto 20'ft height ½" thick (SINO.13(b) P-58). | 465 Sft: | 2206.60 | % Sft | 10,261 |
| 12 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 465 Sft: | 2197.52 | % Sft: | 10,218 |
| 13 | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & ¾" square bars 4" centre (S.I.No. 23 P-97). | 48 Sft: | 594.57 | P.Sft: | 28,539 |
| 14 | Boring & fixing 1-1/2" dia pressure pipe | 90 Lft | 53.44 | P-Lft | 4809.6 |

TOTAL:- 1,308,661

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

NAME OF CONTRTACTOR _____

NAME OF WORK:- Renovation of Building for citizen Club
Ratodero/Naudero.

NIT Sr: No.20

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Renovation of Building for citizen club Ratodero Naudeta.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 5,000 (M)
- (e) Amount of Bid Security:- 04%
(bill to lump sum amount or in % age of bid amount - estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 250,000/-
(including bid security):-
(in % age of bid amount - estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit
- (i) Deadline for Submission of Bids along with time:- 34-03-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**DETAILED WORKING ESTIMATE FOR CONSTRUCTION OF CITIZEN CLUB NAUDERO TALUKA
RATODERO**

| S. No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|---------------------|--|----------|-------|----------|----------------|
| 2 | | 3 | 4 | 5 | 6 |
| SCHEDULE "B" | | | | | |
| 1/- | Dismantelling Pacca brick work in line or Cement mortar (SINO: 11-P-10) | 668 | Cft | 1285.63 | % Cft 8,588 |
| 2/- | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-1). | 1.36 | Cft | 3174.25 | % Cft 432 |
| 3/- | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (b) P 14). | 40 | Cft: | 8694.95 | % Cft 3,478 |
| 4/- | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 117 | Cft: | 11948.36 | % Cft 13,980 |
| 5/- | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4; 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-16). | 386 | Cft: | 337 | P Cft: 130,082 |
| 6/- | Fabrication of Tor steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-16). | 17.23 | Cwt. | 5001.70 | P. Cwt 86,179 |
| 7/- | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-4). | 48 | Cft: | 3630.00 | %0 Cft: 174 |
| 8/- | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-25) | 16 | Sft: | 1141.25 | % Sft: 183 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9/- | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (b) P 14). | 10 Cft | 8694.95 | % Cft | 869 |
| 10/- | Pacca Brick Work in G. Floor (1:6) Cement Sand mortar(S.No:5 P/21). | 2321 Cft | 12674.36 | %Cft | 294,172 |
| 11/- | Supplying Fixing Girders (S.I.No: P-) | 46.31 Cwt. | 3850.00 | P. Cwt | 178,294 |
| | Supplying Fixing Tee Iron etc complete | 31.56 Cwt. | 3575.00 | P. Cwt | 112,827 |
| 12/- | (S.I.No P-) | | | | |
| 13/- | Erection rooled steel beam etc complete (S.I.No P-) | 77.87 Cwt. | 186.34 | P. Cwt | 14,510 |
| 14/- | P/F Second Class Tiles etc complete. | 1740 Sft | 7607.25 | % Sft: | 132,366 |
| 15/- | S/F Flate Brick (S.I.No: P-) | 1740 Sft | 3777.13 | % Sft: | 65,722 |
| 16/- | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 1740 Sft | 10.70 | % Sft | 18618 |
| 17/- | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-51). | 4457 Sft | 2206.60 | % Sft | 98,348 |
| 18/- | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-51). | 4457 Sft | 2197.52 | % Sft | 97,943 |
| 19/- | Providing and fixing G.I. frame/chowkats of size 7"x2" x4 1/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 51 Sft: | 228.90 | P. Sft: | 11,674 |
| | Windows | 21 Sft: | 240.50 | P-Sft: | 5,051 |
| 20/- | Supplying & Fixing in position Aluminium channel framing for hinged door and Alcop made with Belgium and alpha (Japan) locks (Delux Model) (SI NO: 83P-107). | 28 Sft: | 1507.66 | P.Sft: | 42,214 |

| S.No. | Item of work. | Quantity | Rate | Unit | Amount |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 21/- | Supplying & Fixing in position Aluminium channel framing for hinged Window and Alcop made with Belgium and alpha (Japan) locks (Delux Model) (SI NO 84 P-107). | 48 Sft: | 1647.69 | P.Sft: | 79,089 |
| 22/- | Cement concrete plain 1:2:4 i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (SINo. 5(f) P-15). | 220 Cft: | 14429.25 | % Cft: | 31,744 |
| 23/- | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slaury of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-46). | 1225 Sft: | 30509.77 | % Sft: | 373,745 |
| 24/- | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 Complete (S.I No: 24/ P-48) | 174 Sft: | 27678.86 | % Sft: | 48,161 |
| 25/- | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO P-). | 282 Sft: | 28253.61 | %Sft | 79675 |
| 26/- | Supply & Fixing in position iron steel grill of 1/2" thick 1/2" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-92). | 240 Sft: | 180.50 | P.Sft: | 43,320 |
| 27/- | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-57) (Only Shutters). | 57 Sft: | 902.93 | P.Sft: | 51,467 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|--------------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 28/- | Providing fixing false ceiling of plaster of paris of required design. (S.I.No: P-) | 1134 | Sft: 91.50 | % Sft: | 103,761 |
| 29/- | Providing fixing false ceiling of dado plaster of paris of required design. (S.I.No: P-) | 138 | Sft: 104.22 | % Sft: | 14,382 |
| 30/- | Providing and laying 3" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-41). | 522 | Sft: 4411.82 | % Sft: | 23,030 |
| 31/- | Preparing the surface and painting % sft with Matt Finish i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). | 2743 | Sft: 2700.00 | %Sft: | 74061 |
| 32/- | Preparing the surface and Painting % Sft with waether coat i/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk plaster of Paris and then painting with weather coat of approved make etc(new surface) (SINO:38 (a+ b),/ P-56). | 3756 | Sft: 1948.10 | %Sft | 73171 |
| 33/- | Painting surface guard bars grating roiling including standard brasna etc (S.I.No. 4 P-76). | 1636 | Sft: 1270.83 | % Sft: | 20,791 |
| 34/- | Painting doors and windows any type etc complete Old surface painting door and windows (SINO:5(C) / P-69). | 127 | Sft: 2116.41 | % Sft: | 2,688 |
| 35/- | Distempering in three Coats. (SINo.24P-53). | 36 | Sft: 1079.65 | % Sft: | 389 |
| 36/- | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-59). | 16 | Sft: 190.72 | P.Sft: | 3,052 |

G.Total:- 2,338,230

DETAILED WORKING ESTIMATE FOR CONSTRUCTION OF CITIZEN CLUB NAUDERO TALUKA
RATODERO

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

PART "D" W/S & S/FITTING.

| | | | | | |
|-----|---|---------|---------|--------|-------|
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (S.No.3(i) /P-2). | 1 No. | 5836.60 | Each | 5,837 |
| 2/- | P/F 24"x18" lavatory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (S.No.8P-3) | 1 Nos. | 4253.90 | Each | 4,254 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (S.No. 9 /P- 3) | 1 Nos. | 938.47 | Each | 938 |
| 4/- | P/F 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with and i/c making requisite number of holder cement concrete (1:2:4) (S.I No: 23, P-6). | 2 Nos. | 2042.43 | Each | 4,085 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 30 Rft: | 333.29 | P-Rft: | 9,999 |
| 6/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | 1"dia | 10 Rft: | 128.95 | P-Rft: | 1,290 |
| b) | 3/4" dia. | 50 Rft: | 95.79 | P-Rft: | 4,790 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

7/- S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) 4 Nos. 1384.24 Each 5,537

8 Providing fixing Fiber Glass Tank 250 gallons with etc complete (S.I.No: P-) 1 No. 21989 Each 21,989

9 Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). 1 No. 14748 Each 14,748

TOTAL Rs:- 73,465

SPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of Medical Dispensary at Village
Sher Muhammad Sher Juenjo Taluka Dokri.

NIT Sr: No.21

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano
- (b) Brief Description of Works:- Construction of Medical Dispensary at village Sher Muhammad Sher Juenjo Taluka Dokri
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 6.000 (M)
- (e) Amount of Bid Security:- 04%
(fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Day (Not more than Ninty days).
- (g) Security Deposit:- 300,000/-
(including bid security):-
(in %age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 31-06-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF MEDICAL DISPENSARY AT VILLAGE
SHEER MUHAMMAD JUNEJO, TALUKA DOKRI, DISTRICT LARKANO.**

**PART"A" CIVIL WORK
SCHEDULE-B**

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 4598 Cft: | 3176.25 | %0 Cft: | 14,604 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (C) P 16). | 2385 Cft: | 8694.95 | % Cft | 207,417 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 3362 Cft: | 11948.36 | % Cft | 401,652 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-14). | 2006 Cft: | 337 | P Cft: | 676,132 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 89.568 Cwt. | 5001.70 | P. Cwt | 447,993 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 3231 Cft: | 3630 | %0 Cft: | 11,729 |
| 7 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30.) | 2690 Sft: | 1141.25 | % Sft: | 30,700 |
| 8 | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 487 Sft: | 10.70 | P-Sft: | 5,211 |
| 9 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortor(S.No:5 p/24). | 2151 Cft | 12674.36 | %Cft | 272,602 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|-----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Pacca brick work other than building i/c striking joints upto 20' feet height in (SI NO. 7 P-26). | 405 Cft. | 12346.65 | % Cft. | 50,004 |
| 11 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| | 1 1/2" thick. | 1934 Sft: | 2548.29 | % Sft: | 49,284 |
| | 3" thick. | 3704 Sft: | 4411.82 | % Sft: | 163,414 |
| 12 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-17). | 52 Cft: | 14429.25 | % Cft: | 7,434 |
| 13 | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). | 8286 Sft: | 2206.60 | % Sft | 182,833 |
| 14 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 8286 Sft: | 2197.52 | % Sft: | 182,081 |
| 15 | Extra labour rate for making Patta etc complete as per instruction of Engineer Incharge (SINO: 35 P-54) | 1004 Sft: | 19.36 | % Sft: | 19,428 |
| 16 | Cement Pointing Strking joints on walls 1:3 ratio. (S.I.No. 10 P-58). | 3992 Sft: | 1213.58 | % Sft: | 48,440 |
| 17 | Providing and fixing G.I. frame/chowkats of size 7"x2" x4 1/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 267 Rft | 228.90 | P. Rft: | 61,116 |
| | Windows | 364 Rft | 240.50 | P-Rft: | 87,542 |
| 18 | Supply & Fixing in position iron steel grill of 3/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-93). | 188 Sft: | 180.50 | P.Sft: | 33,934 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19 | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-97). | 48 Sft: | 594.57 | P.Sft: | 28,539 |
| 20 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-55) (Only Shutters). | 440 Sft: | 902.93 | P.Sft: | 397,289 |
| 21 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slaury of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-47). | 297 Sft: | 30509.77 | % Sft: | 90,614 |
| 22 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-45). | 25 Sft | 28253.61 | P-Sft | 7,063 |
| 23 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/ P-48). | 80 Sft | 28299.30 | P-Sft | 22,639 |
| 24 | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-67). | 144 Sft: | 190.72 | P.Sft: | 27,464 |
| 25 | Primary Coat of Chalk under | 4556 Sft: | 393.25 | % Sft: | 17,916 |
| 26 | Distemping in three Coats.(SINo.24P-59). | 4556 Sft: | 1079.65 | % Sft: | 49,189 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|----------------|---|-----------|---------|--------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 27 | Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). | 2184 Sft: | 1948.10 | % Sft: | 42,547 |
| 28 | Colour washing two Coats.(SINo.267,P-53). | 6000 Sft: | 859.9 | % Sft: | 51,594 |
| 29 | Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P-75). | 932 Sft: | 2116.41 | % Sft: | 19,725 |
| 30 | Boring & fixing 1-1/2" dia pressure pipe | 90 Lft | 53.44 | P-Lft | 4809.6 |
| TOTAL:- | | | | | 3,712,952 |

ASSISTANT ENGINEER
BUILDINGS SUB-DIVISION
DOKRI

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF MEDICAL DISPENSARY AT VILLAGE
SHEER MUHAMMAD JUNEJO, TALUKA DOKRI, DISTRICT LARKANO.**

PART "B" WATER SUPPLY & SAINTARY FITTING.

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 3 No. | 5836.60 | Each | 17,510 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 1 Nos. | 4253.90 | Each | 4,254 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 4 Nos. | 938.47 | Each | 3,754 |
| 4/- | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 1 Nos. | 447.15 | Each | 447 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 20 Rft: | 333.29 | P-Rft: | 6,666 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 2 Rft: | 599.60 | P-Rft: | 1,199 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 10 Rft: | 289.25 | P-Rft: | 2,893 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | 3/4" dia. | 30 Rft: | 95.79 | P-Rft: | 2,874 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 3 Nos. | 843.92 | Each | 2,532 |
| 10 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 3 Nos. | 1384.24 | Each | 4,153 |
| 11 | Supplying & fixing swan type pillar cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 1 Nos. | 795.00 | Each | 795 |
| 12 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.17P-15). | 1 Nos. | 1142.24 | Each | 1,142 |
| 13 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 1 Nos. | 10322.40 | Each | 10,322 |
| 14 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18 | 1 Nos. | 21989.60 | Each | 21,990 |
| 15 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | |
| | (a) 6" dia. | 30 Rft: | 199.25 | P-Rft: | 5,978 |
| 16 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 1 No. | 14748 | Each | 14,748 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

17 Providing & Fixing PVC pipe of class D.

(a) 1 1/2" dia.

90 Rft: 121 P-Rft: 10,890

(b) 3/4: dia

80 Rft: 80.0 P-Rft: 6,400

18 Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32).

1 Nos. 15600 Each 15,600

19 Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17).

2 Nos. 5913.22 Each 11,826

TOTAL Rs:- 145,972

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of Assistant commissioner House
Dokri.

NIT Sr: No.22

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of Assistant Commissioner House Dokri
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 6.000 (M)
- (e) Amount of Bid Security:- 04%
(It will be lump sum amount or in %age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Days (Not more than Ninty days).
- (g) Security Deposit:- 300,000/-
(including bid security):-
(in %age of bid amount, estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- ~~304~~ 2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date, _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF ASSISTANT COMMISSIONER HOUSE
DOKRI, TALUKA DOKRI, DISTRICT LARKANO.

PART"A" CIVIL WORK
SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 4819 Cft: | 3176.25 | %0 Cft: | 15,305 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (C) P 16). | 1636 Cft: | 8694.95 | % Cft | 142,246 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 3307 Cft: | 11948.36 | % Cft | 395,159 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 1272 Cft: | 337 | P Cft: | 428,798 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 56.804 Cwt. | 5001.70 | P. Cwt | 284,114 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 3182 Cft: | 3630 | %0 Cft: | 11,552 |
| 7 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30.) | 1193 Sft: | 1141.25 | % Sft: | 13,619 |
| 8 | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 362 Sft: | 10.70 | P-Sft: | 3,876 |
| 9 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortor(S.No:5 p/24). | 3343 Cft | 12674.36 | %Cft | 423,725 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Pacca brick work other than building i/c striking joints upto 20' feet height in (SI NO. 7 P-26). | 1575 Cft. | 12346.65 | % Cft. | 194,460 |
| 11 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| | 1 1/2" thick. | 1592 Sft: | 2548.29 | % Sft: | 40,578 |
| | 3" thick. | 1063 Sft: | 4411.82 | % Sft: | 46,903 |
| 12 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggregate without shuttering (S.I.No. 5(f) P-17). | 82 Cft: | 14429.25 | % Cft: | 11,870 |
| 13 | Cement plaster 1:6 upto 20ft height 1/2" thick (SINO.13(b) P-58). | 9252 Sft: | 2206.60 | % Sft | 204,149 |
| 14 | Cement plaster 1:4 3/8" thick upto 20ft height (SINO:10 P-57). | 9252 Sft: | 2197.52 | % Sft: | 203,309 |
| 15 | Extra labour rate for making Patta etc complete as per instruction of Engineer Incharge (SINO: 35 P-54). | 1004 Sft: | 19.36 | % Sft: | 19,428 |
| 16 | Cement Pointing Strking joints on walls 1.3 ratio. (S.I.No. 10 P-58). | 3992 Sft: | 1213.58 | % Sft: | 48,440 |
| 17 | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 267 Rft | 228.90 | P. Rft: | 61,116 |
| | Windows | 364 Rft | 240.50 | P-Rft: | 87,542 |
| 18 | Supply & Fixing in position iron steel grill of 3/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-93). | 188 Sft: | 180.50 | P.Sft: | 33,934 |
| 19 | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-97). | 48 Sft: | 594.57 | P.Sft: | 28,539 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 20 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-65) (Only Shutters). | 440 Sft: | 902.93 | P.Sft: | 397,289 |
| 21 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slaury of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-47). | 297 Sft: | 30509.77 | % Sft: | 90,614 |
| 22 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-45). | 25 Sft | 28253.61 | P-Sft | 7,063 |
| 23 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/ P-48). | 80 Sft | 28299.30 | P-Sft | 22,639 |
| 24 | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch irion fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-67). | 144 Sft: | 190.72 | P.Sft: | 27,464 |
| 25 | Primary Coat of Chalk under | 4556 Sft: | 393.25 | % Sft: | 17,916 |
| 26 | Distempering in three Coats.(SINo.24P-59). | 4556 Sft: | 1079.65 | % Sft: | 49,189 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|----------------|---|-----------|---------|--------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 27 | Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). | 2184 Sft: | 1948.10 | % Sft: | 42,547 |
| 28 | Colour washing two Coats.(SINo.267,P-53). | 6000 Sft: | 859.9 | % Sft: | 51,594 |
| 29 | Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P-75). | 932 Sft: | 2116.41 | % Sft: | 19,725 |
| 30 | Boring & fixing 1-1/2" dia pressure pipe | 90 Lft | 53.44 | P-Lft | 4809.6 |
| TOTAL:- | | | | | 3,429,523 |

DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF ASSISTANT COMMISSIONER HOUSE
DOKRI, TALUKA DOKRI, DISTRICT LARKANO.

PART "B" WATER SUPPLY & SAINTARY FITTING.

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 3 No. | 5836.60 | Each | 17,510 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 1 Nos. | 4253.90 | Each | 4,254 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 4 Nos. | 938.47 | Each | 3,754 |
| 4/- | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 1 Nos. | 447.15 | Each | 447 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 20 Rft: | 333.29 | P-Rft: | 6,666 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 2 Rft: | 599.60 | P-Rft: | 1,199 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 10 Rft: | 289.25 | P-Rft: | 2,893 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | 3/4" dia. | 30 Rft: | 95.79 | P-Rft: | 2,874 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 3 Nos. | 843.92 | Each | 2,532 |
| 10 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 3 Nos. | 1384.24 | Each | 4,153 |
| 11 | Supplying & fixing swan type pillar cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 1 Nos. | 795.00 | Each | 795 |
| 12 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.17P-15). | 1 Nos. | 1142.24 | Each | 1,142 |
| 13 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 1 Nos. | 10322.40 | Each | 10,322 |
| 14 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18 | 1 Nos. | 21989.60 | Each | 21,990 |
| 15 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | |
| | (a) 6" dia. | 30 Rft: | 199.25 | P-Rft: | 5,978 |
| 16 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 1 No. | 14748 | Each | 14,748 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|----|---|---------|---------|--------|--------|
| 17 | Providing & Fixing PVC pipe of class D. | - | - | - | - |
| | (a) 1 1/2" dia. | 90 Rft: | 121 | P-Rft: | 10,890 |
| | (b) 3/4" dia | 80 Rft: | 80.0 | P-Rft: | 6,400 |
| 18 | Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32). | 1 Nos. | 15600 | Each | 15,600 |
| 19 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curbing excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17). | 2 Nos. | 5913.22 | Each | 11,826 |

TOTAL Rs:- 145,972

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of New Building for Citizen Club
Dokri & Badah.

NIT Sr: No.23

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works. - Construction of New building for citizen Club Dokri & Badah
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 5,000 (M)
- (e) Amount of Bid Security:- 04%
(fill in lump sum amount or in %age of bid amount - estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Days (Not more than Ninty days).
- (g) Security Deposit:- 250,000/-
(including bid security):-
(in %age of bid amount - estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 24-06-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence: - 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date, _____
Rs. _____
- (o) Rate quoted by Contractor: -
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF NEW BUILDING FOR CITIZEN CLUB
DOKRI, TALUKA DOKRI, DISTRICT LARKANO.

PART"A" CIVIL WORK
SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 4041 Cft: | 3176.25 | %0 Cft: | 12,834 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (C) P 16). | 2042 Cft: | 8694.95 | % Cft | 177,553 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 2684 Cft: | 11948.36 | % Cft | 320,698 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 1311 Cft: | 337 | P Cft: | 441,952 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 64.401 Cwt. | 5001.70 | P. Cwt | 322,112 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 10247 Cft: | 3630 | %0 Cft: | 37,197 |
| 7 | Supplying and filling sand under floor and plauging in to walls (SINO: 29 P-30.) | 3339 Sft: | 1141.25 | % Sft: | 38,109 |
| 8 | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 149 Sft: | 10.70 | P-Sft: | 1,589 |
| 9 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortar(S.No:5 p/24). | 931 Cft | 12674.36 | %Cft | 118,014 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Pacca brick work other than building i/c striking joints upto 20' feet height in (SI NO. 7 P-26). | 1260 Cft. | 12346.65 | % Cft. | 155,568 |
| 11 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.NO: 16(c) P-47). | | | | |
| | 1 1/2" thick. | 908 Sft: | 2548.29 | % Sft: | 23,148 |
| | 3" thick. | 3080 Sft: | 4411.82 | % Sft: | 135,884 |
| 12 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-17). | 282 Cft: | 14429.25 | % Cft: | 40,687 |
| 13 | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). | 7935 Sft: | 2206.60 | % Sft | 175,097 |
| 14 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 7935 Sft: | 2197.52 | % Sft: | 174,377 |
| 15 | Extra labour rate for making Patta etc complete as per instruction of Engineer Incharge (SINO: 35 P-54) | 735 Sft: | 19.36 | % Sft: | 14,220 |
| 16 | Cement Pointing Strking joints on walls 1.3 ratio. (S.I.No. 10 P-58). | 3191 Sft: | 1213.58 | % Sft: | 38,730 |
| 17 | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 118 Rft | 228.90 | P. Rft: | 27,010 |
| | Windows | 264 Rft | 240.50 | P-Rft: | 63,492 |
| 18 | Supply & Fixing in position iron steel grill of 3/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-93). | 96 Sft: | 180.50 | P.Sft: | 17,328 |
| 19 | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-97). | 48 Sft: | 594.57 | P.Sft: | 28,539 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 20 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-65) (Only Shutters). | 281 Sft: | 902.93 | P.Sft: | 253,723 |
| 21 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slaury of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-47). | 1513 Sft: | 30509.77 | % Sft: | 461,613 |
| 22 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-45). | 80 Sft | 28253.61 | P-Sft | 22,603 |
| 23 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/ P-48). | 80 Sft | 28299.30 | P-Sft | 22,639 |
| 24 | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-67). | 96 Sft: | 190.72 | P.Sft: | 18,309 |
| 25 | Primary Coat of Chalk under | 3990 Sft: | 393.25 | % Sft: | 15,691 |
| 26 | Distempering in three Coats.(SINo.24P-59). | 3990 Sft: | 1079.65 | % Sft: | 43,078 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|----------------|--|------------|---------|--------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 27 | Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). | 10862 Sft: | 1948.10 | % Sft: | 211,603 |
| 28 | Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P-75). | 675 Sft: | 2116.41 | % Sft: | 14,286 |
| 29 | Laying Murum flooring consisting of 1" layer of fine powderly or falkey vareity of Murum;laid over 6:" good hard layer of murum spread over 9" thick thick sub base comprising of hand packed rubble or brocken bricks properly waterd and rammed.(SINO.1 P 39) | 420 Sft: | 3918.2 | % Sft: | 16,456 |
| 30 | Paving/ Fixing cement paving blocks flooring having size of 197x 97x 80 (mm) of city/ quddra/cobble shape with natural colours having strength b/w 5000 Psi to 8500 Psi i/c Filling the joints with hill sand and laying in specified manner/ pattern and Desgin etc.(SINO. 73, P- 49) | 420 Sft: | 223.97 | P.Sft: | 94,067 |
| 31 | Boring & fixing 1-1/2" dia pressure pipe | 90 Lft | 53.44 | P-Lft | 4809.6 |
| TOTAL:- | | | | | 3,543,025 |

**DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF NEW BUILDING FOR CITIZEN CLUB
DOKRI, TALUKA DOKRI, DISTRICT LARKANO.**

PART "B" WATER SUPPLY & SAINTARY FITTING.

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 2 No. | 5836.60 | Each | 11,673 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 2 Nos. | 4253.90 | Each | 8,508 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 2 Nos. | 938.47 | Each | 1,877 |
| 4/- | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 Nos. | 447.15 | Each | 894 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 20 Rft: | 333.29 | P-Rft: | 6,666 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 2 Rft: | 599.60 | P-Rft: | 1,199 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 10 Rft: | 289.25 | P-Rft: | 2,893 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | 3/4" dia. | 50 Rft: | 95.79 | P-Rft: | 4,790 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 4 Nos. | 843.92 | Each | 3,376 |
| 10 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 4 Nos. | 1384.24 | Each | 5,537 |
| 11 | Supplying & fixing swan type pillar cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 2 Nos. | 795.00 | Each | 1,590 |
| 12 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINO.17P-15). | 2 Nos. | 1142.24 | Each | 2,284 |
| 13 | Providing & Fixing Bath Room accessories set (7 pieces) i/c towel rod brush holder soap try shelf of approved design i/c cost of screws nuts etc complete (master brand)(S.I.No. 25, P-16) | 2 Nos. | 10322.40 | Each | 20,645 |
| 14 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18 | 1 Nos. | 21989.60 | Each | 21,990 |
| 15 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINO.2 P-23). | | | | |
| | (a) 6" dia. | 40 Rft: | 199.25 | P-Rft: | 7,970 |
| 16 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 1 No. | 14748 | Each | 14,748 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|----|--|--------------------|-------------|------------------|-----------------|
| 17 | Providing & Fixing PVC pipe of class D. (a) 1 1/2" dia. (b) 3/4" dia | 90 Rft: 80 Rft: | 121 80.0 | P-Rft: P-Rft: | 10,890 6,400 |
| 18 | Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32). | 1 Nos. | 15600 | Each | 15,600 |
| 19 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17). | 2 Nos. | 5913.22 | Each | 11,826 |

TOTAL Rs:- 161,355

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of New Building for Citizen Club
Taluka Bakrani.

NIT Sr: No.24

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano
- (b) Brief Description of Works:- Construction of New building for citizen Club Dokri & ~~Bakri~~ Bakram
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 5,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Days (Not more than Ninty days).
- (g) Security Deposit:- 250,000/-
(including bid security):-
(in % age of bid amount estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 31-05-2016. Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 18 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF NEW BUILDING FOR CITIZEN CLUB
BAKRANI, TALUKA DOKRI, DISTRICT LARKANO.

PART"A" CIVIL WORK
SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 4041 Cft: | 3176.25 | %0 Cft: | 12,834 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (SINO: 4 (C) P 16). | 2042 Cft: | 8694.95 | % Cft | 177,553 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02-P31). | 2684 Cft: | 11948.36 | % Cft | 320,698 |
| 4 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 1311 Cft: | 337 | P Cft: | 441,952 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 64.401 Cwt. | 5001.70 | P. Cwt | 322,112 |
| 6 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:21P-5). | 10247 Cft: | 3630 | %0 Cft: | 37,197 |
| 7 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30.) | 3339 Sft: | 1141.25 | % Sft: | 38,109 |
| 8 | Providing single layer of polythine sheet 0.13" thick for water proofing as per specifying and instruction of Engineer (S.I.No. 38 P-44). | 149 Sft: | 10.70 | P-Sft: | 1,589 |
| 9 | Pacca Brick Work in G. Floor (1:6) Cement Sand mortor(S.No:5 p/24). | 931 Cft | 12674.36 | %Cft | 118,014 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Pacca brick work other than building i/c striking joints upto 20' feet height in (SI NO. 7 P-26). | 1260 Cft. | 12346.65 | % Cft. | 155,568 |
| 11 | Providing and laying 1" thick topping Cement concrete 1:2:4 ratio i/c surface finishing and dividing into panels (S.I.No: 16(c) P-47). | | | | |
| | 1 1/2" thick. | 908 Sft: | 2548.29 | % Sft: | 23,148 |
| | 3" thick. | 3080 Sft: | 4411.82 | % Sft: | 135,884 |
| 12 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-17). | 282 Cft: | 14429.25 | % Cft: | 40,687 |
| 13 | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). | 7935 Sft: | 2206.60 | % Sft | 175,097 |
| 14 | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 7935 Sft: | 2197.52 | % Sft: | 174,377 |
| 15 | Extra labour rate for making Patta etc complete as per instruction of Engineer Incharge (SINO: 35 P-54) | 735 Sft: | 19.36 | % Sft: | 14,220 |
| 16 | Cement Pointing Strking joints on walls 1.3 ratio. (S.I.No. 10 P-58). | 3191 Sft: | 1213.58 | % Sft: | 38,730 |
| 17 | Providing and fixing G.I. frame/chowkats of size 7"x2" x41/2"x3" for door using 20 gauge G.I. sheet welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ration 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing(SINO:29 P-98.) | | | | |
| | Doors | 118 Rft | 228.90 | P. Rft: | 27,010 |
| | Windows | 264 Rft | 240.50 | P-Rft: | 63,492 |
| 18 | Supply & Fixing in position iron steel grill of 3/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-98). | 96 Sft: | 180.50 | P.Sft: | 17,328 |
| 19 | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-97). | 48 Sft: | 594.57 | P.Sft: | 28,539 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 20 | First Class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fasts hinges, iron, tower bolts, handles and cords with hooks, Deodar paneled or paneled and glazed or fully glazed (b) 1x3/4" thick etc complete. (SI NO: 7 P-65) (Only Shutters). | 281 Sft: | 902.93 | P.Sft: | 253,723 |
| 21 | Providing and laying tiles glazed 6" x6"x1/4" on floor or wall facing required colour and pattern stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of jpoints with slaury of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (SINO.60 P-47). | 1513 Sft: | 30509.77 | % Sft: | 461,613 |
| 22 | White Glazed tiles 1/4 "thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 "thick i/c finishing. (SI NO 37 P-45). | 80 Sft | 28253.61 | P-Sft | 22,603 |
| 23 | Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (SINO 24/ P-48). | 80 Sft | 28299.30 | P-Sft | 22,639 |
| 24 | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauze 144 mesh per square inch iron fittings complete. Glavanized wire gauze fixed to chowkats with 3/4" deodar stips and screws (S.I.No. 14 P-67). | 96 Sft: | 190.72 | P.Sft: | 18,309 |
| 25 | Primary Coat of Chalk under | 3990 Sft: | 393.25 | % Sft: | 15,691 |
| 26 | Distempering in three Coats.(SINo.24P-59). | 3990 Sft: | 1079.65 | % Sft: | 43,078 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|----------------|--|------------|---------|--------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 27 | Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). | 10862 Sft: | 1948.10 | % Sft: | 211,603 |
| 28 | Painting doors and windows any type etc complete Old surface painting door and windows (SINO:4(C) / P-75). | 675 Sft: | 2116.41 | % Sft: | 14,286 |
| 29 | Laying Murum flooring consisting of 1" layer of fine powderly or falkey vareity of Murum;laid over 6:" good hard layer of murum spread over 9" thick thick sub base comprising of hand packed rubble or brocken bricks properly waterd and rammed.(SINO.1 P 39) | 420 Sft: | 3918.2 | % Sft: | 16,456 |
| 30 | Paving/ Fixing cement paving blocks flooring having size of 197x 97x 80 (mm) of city/ quddra/cobble shape with natural colours having strength b/w 5000 Psi to 8500 Psi i/c Filling the joints with hill sand and laying in specified manner/ pattern and Desgin etc.(SINO. 73, P- 49) | 420 Sft: | 223.97 | P.Sft: | 94,067 |
| 31 | Boring & fixing 1-1/2" dia pressure pipe | 90 Lft | 53.44 | P-Lft | 4809.6 |
| TOTAL:- | | | | | 3,543,025 |

[Signature]

DETAILED WORKING ESTIMATE FOR THE CONSTRUCTION OF NEW BUILDING FOR CITIZEN CLUB
BAKRANI, TALUKA DOKRI, DISTRICT LARKANO.

PART "B" WATER SUPPLY & SAINTARY FITTING.

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|---------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | P/F Orisa type white or coloured glazed earthen ware W.C pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite number of holes to wall plinth & floor & making good in cement concrete 1:2:4 (SINo.3(i) /P-2). | 2 No. | 5836.60 | Each | 11,673 |
| 2/- | P/F 24"x18" lavortory basin in white glazed earthen ware complete with i/c the cost of W.I or C.I canti lever bracket 6 inches built in to wall painted white in two coat after a primary coat of red lead paint a pair of ½" good in cement concrete (1:2:4) standard pattern (SINo.8P-3) | 2 Nos. | 4253.90 | Each | 8,508 |
| 3/- | Add extra for labour for providing & fixing of earthen ware Padestal white or coloured glazed standard pattern (SINo. 9 /P- 3) | 2 Nos. | 938.47 | Each | 1,877 |
| 4/- | P/F in position nylon connection complete with ½" dia bras stop cock of brass nuts and lining jointed to nylon connection (S.I.No. 23 P-6) | 2 Nos. | 447.15 | Each | 894 |
| 5/- | Providing & Fixing 4" dia C.I Soil and Vent Pipes including cutting and fitting and extra paint to match the colour of the buildings (S.I No: 1, P-8) | 20 Rft: | 333.29 | P-Rft: | 6,666 |
| 6/- | Providing & Fixing 4" dia bend of the require degree with acess door rubber washer 1/8" thick with bolt & nuts & extra painting to match the colour of the Buildings (S.I No: 9, P-9) | 2 Rft: | 599.60 | P-Rft: | 1,199 |
| 7/- | P/F 3" dia C.I Waste and vent pipe including cutting fitting and extra painting to match the colour of buildings (SINo.13P-9) | 10 Rft: | 289.25 | P-Rft: | 2,893 |
| 8/- | Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14) | | | | |
| a) | 3/4" dia. | 50 Rft: | 95.79 | P-Rft: | 4,790 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---|----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9 | Supply & fixing cancelled Tee stop cock of superior quality with c.p hand ½" dia (S.I.No. 14P-15(b). | 4 Nos. | 843.92 | Each | 3,376 |
| 10 | S/F long Bib Cock of Superior quality with C.P bead ½" dia (S.I No: 15(a), P-17) | 4 Nos. | 1384.24 | Each | 5,537 |
| 11 | Supplying & fixing swan type pillar cock of superior quality with Crystal Head (S.I.No. 18 (b) P-16) | 2 Nos. | 795.00 | Each | 1,590 |
| 12 | S/Fixing jet shower with rod of superior quality with c.p head ½" dia (SINo.17P-15). | 2 Nos. | 1142.24 | Each | 2,284 |
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| 14 | Providing & fixing 250 gallons fibre glass tank of approve quality and design and wall thickness as specified i/c cost of nuts bults & fixing in plate from of cement concrete 1:3:6 and making connection for in-let out-let & over flow inlet, outlet flow pipes etc complete (S.I.No. 3 P-18 | 1 Nos. | 21989.60 | Each | 21,990 |
| 15 | Providing R.C.C pipe with colors class "B" and drying trenches to required depth and fixing in position and cement mortar 1:1 and testing with water pressure to ahead with of 4" ft: above of the highest pipe and refilling with excavated staff (SINo.2 P-23). | | | | |
| | (a) 6" dia. | 40 Rft: | 199.25 | P-Rft: | 7,970 |
| 16 | Construction of main hole or inspection chamber for the require dia of circular sewer and 3" 6" earth with walls and cement mortar (1:3) cement plaster (1:3) ½" thick inside wall and 1" thick over bearing 1 ½" x 1 ½" of 1.75 cwt: embers in plain C.C (1:2:4) arawing No.PB/1 of PHC southern sone 4" to 12" dia 2"x2"x3 -6" (S.I.No. 1 P- 32). | 1 No. | 14748 | Each | 14,748 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | |
|------------|--|--------------------|-------------|------------------|-----------------|
| 17 | Providing & Fixing PVC pipe of class D. (a) 1 1/2" dia. (b) 3/4" dia | 90 Rft: 80 Rft: | 121 80.0 | P-Rft: P-Rft: | 10,890 6,400 |
| 18 | Providing & Fixing piston pump set 1 H.P single phase 220 volts with 1 1/4"x1/4" suction & delivery local make etc complete (S.I.No. 25/P-32). | 1 Nos. | 15600 | Each | 15,600 |
| 19 | Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 block set on 1:6 cement motor 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinging cast iron cover and frames 15"x9" (inside) clear opening wt: 1" Qr) etc fixed in cement concrete 1:2:4 i/c curring excavation back filling & disposal of earth etc complete (S.I.No. 2 P-17). | 2 Nos. | 5913.22 | Each | 11,826 |
| TOTAL Rs:- | | | | | 161,355 |

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Rehabilitation of public park at village
Banguldero.

NIT Sr: No.25

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano
- (b) Brief Description of Works:- Rehabilitation of public park at village Banguldero
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 2,500 (M)
- (e) Amount of Bid Security:- 04%
(Fill in: lump sum amount or in % age of bid amount / estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Days (Not more than Ninety days).
- (g) Security Deposit:- 125,000/-
(including bid security):-
(in % age of bid amount / estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 34-06-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 24 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date: _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**SCHEDULE "B" FOR THE WORK REHABILITATION OF PUBLIC PART AT BANGULDERO TALUKA
RATODERO DISTRICT LARKANO**

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1/- | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 875 Cft: | 3176.25 | %0 Cft: | 2,779 |
| 2/- | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10(SINO:4(b)P 16). | 438 Cft: | 8694.95 | % Cft | 38,084 |
| 3/- | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 02 P31). | 2237 Cft: | 11948.36 | % Cft | 267,285 |
| 4/- | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-19). | 994 Cft: | 337 | P Cft: | 334,978 |
| 5/- | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 39.93 Cwt. | 5001.72 | P. Cwt | 199,719 |
| 6/- | Pacca brick work other than building i/c striking joints upto 20' feet height in (SI NO. 7 P-26). | 1800 Cft. | 12346.65 | % Cft. | 222,240 |
| 7/- | Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). | 5700 Sft: | 2206.60 | % Sft | 125,776 |
| 8/- | Cement plaster 1:4 3/8" thick upto 20'ft height (SINO:10 P-57). | 5700 Sft: | 2197.52 | % Sft: | 125,259 |
| 9/- | Making & fixing steel grated doors with complete locking arrangements angle iron frame 2"x2"x3/8" & 3/4" square bars 4" centre (S.I.No. 23 P-49). | 48 Sft: | 594.57 | P.Sft: | 28,539 |
| 10/- | Truffing Slops of banks or lawns with grass sods including ploughing laying, seting and watering turf got from with in a distance of 5 miles and maintenance for 15 days (S.I No: 27- P-06) | 12000 No. | 1210.00 | Each | 145,200 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|----------------|---|-----------|----------|--------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 11/- | Supplying and filling sand under floor and plugging in to walls (SINO: 29 P-30.) | 585 Sft: | 1141.25 | % Sft: | 6,676 |
| 12/- | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10(SINO:4(b)P 16). | 386 Cft: | 8694.95 | % Cft | 33,563 |
| 13/- | Providing & Laying morum / powerly fine base dressed (S.I.No. 7 P-15) | 187 Sft: | 3918.20 | % Sft: | 7,327 |
| 14/- | P/Fixing cement paving block flooring having size of 197x97x60 (m.m) of clay/quad/cobble pigment having B/w etc: completed (S.I No:7-1 P-56) | 1440 Sft: | 248.17 | P-Sft: | 357,365 |
| 15/- | P/L halla tiles or pattern tiles glazed 6"x6" 1/4" on floor or wall facing in required pattern of stile specification jointed in white cement and pigment over a base of (1:2) grey cement mortar 3/4" thick i/c washing and filling of jointed with slutry of white cement and pigment in desired shape with finishing cleaning and coat of wax polish etc complete i/c cutting tiles to proper profile (S.I.N.16 P-49). | 96 Sft: | 34520.31 | % Sft: | 33,139 |
| 16/- | Boring & Fixing boaring 1 1/2" dia pressure pipe (S.I.No. 26 P 108). | 90 Rft: | 53.44 | P-Rft: | 4,810 |
| 17/- | Preparing the surface and painting % sft with weather coat i/c rubbing th surface paper filling the weather coat appr: new surface (SINO: 36 P-61). | 8400 Sft: | 1948.10 | % Sft: | 163,640 |
| TOTAL:- | | | | | 2,096,379 |

REHABILITATION OF PUBLIC PART AT BANGULDERO TALUKA RATODERO DISTRICT LARKANO

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

PART "B" W/S & S/FITTING.

- 1/- Providing G.I pipes specials & clamps etc including fixing cutting and fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink painting with pigment to match testing with water to a pressure bead of 200 feet and handling(S No: 7,P-14)

| | | | | |
|--------------|----------|--------|--------|--------|
| a) 3/4" dia. | 200 Rft: | 95.79 | P-Rft: | 19,158 |
| b) 1" dia. | 10 Rft: | 128.55 | P-Rft: | 1,286 |

- 2/- Providing & Fixing PVC pipe of class D.
(b) 3/4" dia.

| | | | |
|---------|----|--------|-------|
| 90 Rft: | 80 | P-Rft: | 7,200 |
|---------|----|--------|-------|

- 3/- Providing & Fixing Hand pump Machine.

| | | | |
|--------|--------|------|-----|
| 1 Nos. | 217.80 | Each | 218 |
|--------|--------|------|-----|

- 4/- S/F long Bib Cock of Superior quality with C.P bead 1/2" dia (S.I No: 15(a), P-17)

| | | | |
|--------|---------|------|-------|
| 4 Nos. | 1109.46 | Each | 4,438 |
|--------|---------|------|-------|

- 5/- Providing & fixing Electric Motor pump set H.I.P single phase etc complete. (SI No. 4 P-29):-

| | | | |
|-------|----------|------|--------|
| 1 No. | 15600.00 | Each | 15,600 |
|-------|----------|------|--------|

TOTAL Rs:- 47,899

PART "C" NON SCHEDULE ITEMS.

- 1/- Supply & Fixing in position iron steel grill of 1/4" thick 1/4" iron approved 3 carts etc complete weight 3.7 lbs (S.I.No.26 P-93).

| | | | |
|----------|-----|--------|--------|
| 100 Sft: | 571 | P.Sft: | 57,100 |
|----------|-----|--------|--------|

TOTAL:- 57,100

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of CC block drainage system At
Village Merabpur

NIT Sr: No.26

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of CC block drainage at village Merabpur.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 2,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount, estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Days (Not more than Ninty days).
- (g) Security Deposit:- 100,000/-
(including bid security):-
(in % age of bid amount estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 54-06-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano.
- (k) Time for Completion from written order of commence:- 12 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date: _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

DETAILED ESTIMATE FOR CONSTRUCTION OF CC BLOCK & DRAINAGE SYSTEM IN VILLAGE
MEHRABPUR, UC MEHRABPUR, TALUKA BAKRANI, DISTRICT LARKANO

PART "A" CIVIL WORK

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 2332 Cft: | 3176.25 | %0 Cft: | 7,408 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8 (SINO: 4 (b) P 17) | 2997 Cft: | 9416.28 | % Cft | 282,204 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 04,P-24). | 1692 Cft: | 11948.36 | % Cft | 202,166 |
| 4 | Construction of standard open type drain concrete block of cc 1:2:4 of site drawing i/c supplying coat 1/3" thick expose surface finished curing complete as per drawing (S.I NO. P, 44) | | | | |
| | a) Type-A Drain | 220 Rft | 94 | P. Rft | 20,680 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 23.583 Cwt. | 5001.70 | P. Cwt | 117,956 |
| 6 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-18). | 540 Cft: | 337 | P Cft: | 181,980 |
| 7 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:22, P-4). | 7350 Cft: | 3630.00 | %0 Cft: | 26,681 |
| 8 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-20.) | 5513 Sft: | 1141.25 | % Sft: | 62,911 |
| 9 | Extra lead 3.0 miles for earth filling & sand filling (R.A) | 12863 Sft: | 771.96 | % Cft: | 99,293 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-18). | 2155 Cft: | 14429.25 | % Cft: | 310,950 |
| 11 | P/fixing glass stirp 4mm for flooring upto 1" depth i/c fixing in floor with cement in specified pattern & Design (SINO. 75, P-56) | 840 Cft. | 11.16 | % Cft. | 9,374 |
| 12 | Cement plaster 1:4 upto 20'ft height ½" thick (SINO.13(b) P-58). | 1200 Sft: | 2283.90 | % Sft | 27,407 |
| 13 | Errection & Removal of centering & shuttering to RCC or CC Palin of deoadar wood 2nd class (SINO. 19, p-18) | 300 Sft: | 7000 | % Sft: | 21,000 |
| 14 | Laying white marble fine dressed in the surface without set in lime mortar 1:2 i/c rubbing & Polishing of joints (SINO. 28 (a)/ P-43) | 24 Sft | 567.48 | P-Sft | 13,620 |

TOTAL:- 1,383,657

1383657

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRTACTOR _____

NAME OF WORK:- Construction of CC block drainage At Chandia,
Jatoi & Jalbani Muhalla at Village Tharecha

NIT Sr: No.27

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of CC block drainage at Chandia, Jatol & Jalbani Muhalla at village Tharecha
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 2,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in % age of bid amount estimated cost, but not exceeding 5%)
- (f) Period of Bid Validity (days):- 90 Days (Not more than Ninety days).
- (g) Security Deposit:- 100,000/-
(including bid security):-
(in % age of bid amount estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit
- (i) Deadline for Submission of Bids along with time:- ~~31-07~~ 2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 12 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part 'A' Rs. _____
Part 'B' Rs. _____
Part 'C' Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

**ROUGH COST ESTIMATE FOR CONSTRUCTION OF CC BLOCK & DRAINAGE SYSTEM IN CHANDIA ,
JATOI, & JALBANI MUHALLA, AT VILLAGE THRECHA, TALUKA BAKRANI, DISTRICT LARKANO**

PART "A" CIVIL WORK

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 2332 Cft: | 3176.25 | %0 Cft: | 7,408 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8 (SINO: 4 (b) P 17). | 2997 Cft: | 9416.28 | % Cft | 282,224 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 04,P-24). | 1692 Cft: | 11948.36 | % Cft | 202,166 |
| 4 | Construction of standard open type drain concrete block of cc 1:2:4 of site drawing i/c supplying coat 1/3" thick expose surface finished curing complete as per drawing (S.I NO. P, 44) | | | | |
| | a) Type-A Drain | 220 Rft | 94 | P. Rft | 20,680 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 23,583 Cwt. | 5001.70 | P. Cwt | 117,956 |
| 6 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-18). | 540 Cft: | 337 | P Cft: | 181,980 |
| 7 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:22, P-4). | 7350 Cft: | 3630.00 | %0 Cft: | 26,681 |
| 8 | Supplying and filling sand under floor and plaguing in to walls (SINO: 29 P-30.) | 5513 Sft: | 1141.25 | % Sft: | 62,917 |
| 9 | Extra lead 3.0 miles for earth filling & sand filling (R.A) | 12863 Sft: | 771.96 | % CFt: | 99,297 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-----------|----------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 10 | Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-18). | 2155 Cft: | 14429.25 | % Cft: | 310,950 |
| 11 | P/fixing glass stirp 4mm for flooring upto 1" depth i/c fixing in floor with cement in specified pattern & Design (SINO. 75, P-46) | 840 Cft. | 11.16 | % Cft. | 9,374 |
| 12 | Cement plaster 1:4 upto 20'ft height ½" thick (SINO. 13(b) P-58). | 1200 Sft: | 2283.93 | % Sft | 27,407 |
| 13 | Errection & Removal of centering & shuttering to RCC or CC Palin of deoadar wood 2nd class (SINO. 19, p-18) | 300 Sft: | 7000 | % Sft: | 21,000 |
| 14 | Laying white marble fine dressed in the surface without set in lime mortar 1:2 i/c rubbing & Polishing of joints (SINO. 28 (a)/ P-49) | 24 Sft | 567.48 | P-Sft | 13,620 |

1383657
TOTAL:- 1,383,657

SPPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK:- Construction of CC block drainage At Various
Muhalla of Gareello Town.

NIT Sr: No.28

Standard Bidding Document.
is intended as a model for admeasurements
(Percentage Rate/ Unit price for unit rates in a Bill of Quantities) types of contract.
The main text refers to admeasurements contracts.

**OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.**

BIDDING DATA

Name of Contractor:- _____

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a) Name of Procuring Agency:- Executive Engineer Building Division Larkano.
- (b) Brief Description of Works:- Construction of CC block drainage at Various Muhalla of Garelo Town
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 2,000 (M)
- (e) Amount of Bid Security:- 04%
(Fill in lump sum amount or in %age of bid amount /estimated cost, but not exceeding 8%)
- (f) Period of Bid Validity (days):- 90 Days (Not more than Ninty days).
- (g) Security Deposit:- 100,000/-
(including bid security):-
(in %age of bid amount /estimated cost equal to 10%)
- (h) Percentage, if any, to be deducted from bills:- 07.50% (I/Tax) & 05% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 31-04-2016, Time (2-0 P.M)
- (j) Venue, Time, and Date of Bid Opening:- Executive Engineer Buildings Division Larkano
- (k) Time for Completion from written order of commence:- 12 Months.
- (l) Liquidity damages:- _____
(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m) Call Deposit Receipt No. _____ Date:- _____
Amount:- _____
- (n) DR. No. _____ Date. _____
Rs. _____
- (o) Rate quoted by Contractor:-
Part "A" Rs. _____
Part "B" Rs. _____
Part "C" Rs. _____

(CONTRACTOR)

Executive Engineer
Building Division
Larkano.

DETAILED ESTIMATE FOR CONSTRUCTION OF CC BLOCK & DRAINAGE SYSTEM IN VARIOUS MUHALLS OF GARELLO TOWN, TALUKA BAKRANI, DISTRICT LARKANO

PART "A" CIVIL WORK

SCHEDULE-B

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|--|-------------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation in foundation of buildings in other structure with excavated earth watering and ramming lead upto one chain 5 ft in ordinary soil (SINO: 18-P-4). | 2332 Cft: | 3176.25 | %0 Cft: | 7,408 |
| 2 | Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8 (SINO: 4 (b) P 17). | 2997 Cft: | 9416.28 | % Cft | 282,224 |
| 3 | Pacca brick work in foundation and plinth in 1:6 ratio (SINO: 04,P-24). | 1692 Cft: | 11948.36 | % Cft | 202,166 |
| 4 | Construction of standard open type drain concrete block of cc 1:2:4 of site drawing i/c supplying coat 1/3" thick expose surface finished curing complete as per drawing (S.I NO. P, 44) | | | | |
| | a) Type-A Drain | 220 Rft | 94 | P. Rft | 20,680 |
| 5 | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints fastening i/c coat of binding wire also i/c removal of rust from bars. (SINO: 7 (b) P-20). | 23.583 Cwt. | 5001.70 | P. Cwt | 117,956 |
| 6 | Reinforced cement concrete work i/c in all labor and material except the cost of steel reinforced and labor for bending and which will be paid separately. This rate also i/c all kinds of forms molds lifting shiting Curring rendering and finishing the exposed surface i/c screening and washing of shingle. Ratio (1:2:4) 90 lbs cement 2 cft. Sand 4 cft shingle 1/8" to 1/4" gauge. (SINO: 6-P-18). | 540 Cft: | 337 | P Cft: | 181,980 |
| 7 | Filling watering ramming earth under floor surplus earth excavated from foundation lead upto 1 chain lift upto 5 ft(SINO:22, P-4). | 7350 Cft: | 3630.00 | %0 Cft: | 26,681 |
| 8 | Supplying and filling sand under floor and plauging in to walls (SINO: 29 P-20.) | 5513 Sft: | 1141.25 | % Sft: | 62,917 |
| 9 | Extra lead 3.0 miles for earth filling & sand filling (R.A) | 12863 Sft: | 771.96 | % CFt: | 99,293 |

| S.No. | Item of work. | Quantity | Rate. | Unit | Amount. |
|-------|---------------|----------|-------|------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |

10 Cement concrete plain 1:2:4 ratio i/c placing compacting finishing and curring complete i/c scering and washing of stones aggagate without shuttering (S.I.No. 5(f) P-18). 2155 Cft: 14429.25 % Cft: 310,950

11 P/fixing glass stirp 4mm for flooring upto 1" depth i/c fixing in floor with cement in specified pattern & Design (SINO. 75, P-56), 840 Cft. 11.16 % Cft. 9,374

12 Cement plaster 1:4 upto 20'ft height ½" thick (SINO.13(b) P-58). 1200 Sft: 2283.90 % Sft 27,407

13 Errection & Removal of centering & shuttering to RCC or CC Palin of deoadar wood 2nd class (SINO. 19, p-18) 300 Sft: 7000 % Sft: 21,000

14 Laying white marble fine dressed in the surface without set in lime mortar 1:2 i/c rubbing & Polishing of joints (SINO. 28 (a)/ P-43) 24 Sft 567.48 P-Sft 13,620

TOTAL:- 1,383,657