

SPRA BIDDING DOCUMENTS

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS.

NAME OF CONTRACTOR _____

NAME OF WORK Construction of Larkano Development Plan (ADP No. 1417) under Special Development Package for the work of Rice Canal Urban design. Inspection and Non-Inspection Path.

NIT No. & Date. TC/EE/ 3413 Dated:- 18-05-2014
Date of Issuing 29-05-2015
Date of Opening 16-06-2015

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS
DIVISION LARKANO.

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

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 included as Conditions of Contract and Contract Data.

The Instructions to Bidders will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.
3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.
4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPF Rules 2010.
5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

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6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;
 - (A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
 - (B) In case of item rates, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

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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 Larkano Development Plan (ADP- No. 1417) under Special development package for the work of Rice Canal Urban design, Inspection and Non-Inspection Path.
- (c) Procuring Agency's address:- Circuit House Road Larkano.
- (d) Estimated Cost:- 209.000 (M)
- (e) Amount of Bid Security:- 04%
(Fill a 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:- 6270,000/-
(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) & 03% Security Deposit.
- (i) Deadline for Submission of Bids along with time:- 16-06-2015, 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: - 02 Years.
- (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. _____

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Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion of work except with the written authority and instructions of the Engineer-in-charge or of his subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckon from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-

- (i) contractor causes a breach of any clause of the Contract;
- (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
- (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
- (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) to finalize the work by measuring the work done by the contractor.

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(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

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Clause - 7: Payments.

- (A) **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

- (B) **The Final Bill.** A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause - 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause - 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

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- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contract work.
- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
- (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.
- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

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Clause – 11:

- (A) Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) Date; for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intension of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

- (A)** No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or be ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B)** If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

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Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause - 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause -17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause -18: Financial Assistance /Advance Payment.

(A) Mobilization advance is not allowed.

(B) Secured Advance against materials brought at site.

- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/ utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

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• **Clause –19: Recovery as arrears of Land Revenue.** Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

• **Clause –20: Refund of Security Deposit/Retention Money.** On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

CONTRACTOR.

**Divisional Accounts Officer
Buildings Division Larkano**

**Executive Engineer
Buildings Division
Larkano.**

The Bidders / Contractors while participating in the NIT No. 3413 Dated:- 18-05-2015 should consider the all terms & conditions in quarrel and in particular the para No. 03 to have been reproduced as under:-

3. Eligibility Condition for intending participants are as under:-

- i) Documentary evidence for works executed/works in progress and certificate of satisfactory completion of works by the employers.
- ii) List of work in progress, indicating cost of each work and copy of letter of award of work.
- iii) List of Machinery and equipment available with documentary evidence of its ownership.
- iv) No conditional or telegraphic tender will entertained.
- v) In case the tenders remain un-responded, the same ill again be issued and opened in the presence of the committee on the date, from ~~18-05-2015~~ up to 02-07-2015, which will be received back on 03-07-2015 up to 2:00 p.m. and will be opened on same date 03-07-2015, after one hour at 3:00 p.m. respectively.
- vi) All the bids or proposals will be rejected at any time prior to the acceptance of the bid or proposals and the notices of the rejection of the bids or proposals if any will be issued accordingly by assigning the reason there of in the light of SPPRA Rule-25.
- vii) List of works of similar nature in hand / completed satisfactory during last two years.

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BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Item No.	Quantities	Description of Item to be executed at site	Rate.	Unit.	Amount in Rupees
1	2	3	4	5	6

Amount TOTAL (A)

----- % above/below on the rates of CSR.

Amount to be added/deducted on the basis Of premium quoted. TOTAL (B)

Total (A) = a+b in words & figures:

Contractor

Executive Engineer
Buildings Division
Larkano.

(A) Description and rate of Items based on Market (offered rates).

Item No.	Quantities	Description of Item to be executed at site	Rate.	Unit.	Amount in Rupees
1	2	3	4	5	6

Total (B) in words & figures:

Contractor

Executive Engineer
Buildings Division
Larkano.

FORM OF BID AND SCHEDULES TO BID

FORM OF BID
(LETTER OF OFFER)

Bid Reference No.

To:

The Executive Engineer
Buildings Division
Larkanao.

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. NIT TC/EE/ 2037 Dated:- 21-01-2015, 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. _____) only) 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

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 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)

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

5. 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.

SUMMARY OF COST

NAME OF WORK:-

Estimate for Larkana Development Plan (ADP No: 1417) Under Special Development Package for the work of Rice Canal Urban Design, Inspection and Non-Inspection Path.

GENERAL ABSTRACT

i.	Development of Left over Pockets along rice Canal for Food Court & Parking area at Larkano (i, ii, iii)	Rs.	59,673
ii.	Raising of Existing Retaining wall of I.P & N.I.P side of Rice Canal with Decorative Jalli at Larkano.	Rs.	115,289
iii.	Renovation of Fly over Bridge & Bridges over Rice Canal Larkano.	Rs.	1,500
iv.	Electric Work.	Rs.	33.00
Total:-		Rs.	209,462

Say Rs. 209.00 (M)

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Schedule B for Development of Left over Pockets along rice Canal for Food Court & Parking area at 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).	12705 Cft:	3176.25	%0 Cft:	40,354
2	Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:5:10. (SINO.4 (a),P- 14).	3812 Cft:	8694.95	% Cft	331,451
3	Pacca brick work in foundation and plinth in cement sand mortar Ratio 1:6 (SINO.4,P- 20)	11460 Cft:	11948.36	% Cft	1,369,282
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 4 cft shingle 1/8" to 1/4" gauge (SINO:6(I)-P-16	14758 Cft:	337	P Cft:	4,973,446
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).	724.72 Cwt.	5001.70	P. Cwt	3,624,832
6	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).	2871 Sft:	10.70	P.Sft	30,720
7	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.	2871 Sft:	1887.40	% Sft:	54,137
8	Pacca brick work in Ground floor 1:6 ratio cement sand mortar (SINO: 05 P-20).	18818 Cft:	12674.36	% Cft	2,385,061
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)	8470 Cft:	1512.25	%0 Cft:	12,809
10	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)	17576 Cft:	3630.00	%0 Cft:	63,801
11	Supplying & filling pit sand under floors and plugging into wall (CSINO.29, P.25).	25322 Cft:	1141.25	% Cft:	288,987
12	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:6:12 (SINO: 4 P-14).	4178 Cft:	8122.95	% Cft	339,377
13	Borrow pit excavation undressed lead up to 100 ft. ordinary soil. (SINO. 3, (a) P/1).	20928 Cft:	2117.50	%0 Cft:	44,315
14	Dressing and leveling of earth work to designed section, etc complete. Ordinary or hard soil. (SINO. 11 (b), P/3).	20928 Cft:	187.55	%0 Cft:	3,925
15	Cement Concrete plain (1:2:4) i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (SINO. 5(F)/ P-15).	334 Cft:	14429.25	% Cft	48,194

S.#	Item of work.	Quantity		Rate.	Unit	Amount.
16	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).	9715	Sft:	30509.77	%Sft	2,964,024
17	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)	6134	Sft:	567.48	P.Sft	3,430,922
18	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).	384	Sft:	47651.56	%Sft	182,932
19	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.	13292	Sft:	3275.5	%Sft	435,375
20	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).	480	Sft:	726.72	P.Sft	348,826
21	Cement Plaster 1:6 up to 20'ft height 1/2" thick (SINO.13 (b) / P-51).	35341	Sft:	2206.60	% Sft:	779,835
22	Cement Plaster 1:4 3/8" thick up to 20'ft height (SINO: 11 /P-51).	35341	Sft:	2197.52	% Sft:	776,626
23	Cement pointing (1:3) struck joints on walls (SINO: 19 (b) / P-52).	6000	Sft:	1213.58	% Sft:	72,815
24	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).	2089	Sft:	1273.96	P.Sft	2,661,302
25	P.N.S Preparing surface and painting of doors & windows any type, (including edge). (SINO. 5 (c), P/69). In three coats.	4178	Sft:	2116.41	% Sft:	88,129
26	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.	960	Sft:	1270.83	% Sft:	12,200
27	Distemping in three coats. (SINO: 24 /P-53).	9004	Sft:	1079.65	% Sft:	97,212
28	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.	35341	Sft:	3444.38	% Sft:	1,217,275

S.#	Item of work.	Quantity		Rate.	Unit	Amount.
29	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.	6000	Sft:	2567.95	% Sft:	154,077
30	Providing Anti-termmite treatment by spraying/ sprinkling/ spreading Neptachler 0.5% Emulsion as an overall pre construction treatment in slab type construction along external foundation trenches of the building over complete parimter of the foundation trench etc, as per directions of Engineer In charge. (SINO.91, P/109).	15000	Rft:	40.10	P.Rft:	601,350
31	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).	432	Sft:	27678.86	% Sft:	119,573
32	White Glazed tiles ¼ "thick dado jointed in white cement and laid over 1:2 cement sand mortar ¾ "thick i/c finishing. (SI NO 37 P-44).	1728	Sft:	28253.61	% Sft:	488,322
33	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).	948	Sft:	180.90	P.Sft:	171,493
34	Galvanized wire gauze fixed to chowkats with ¾" deodar strips & screws. (CSI No.14 (d) /P-67).	948	Sft:	190.72	P.Sft:	180,863
35	Preparing surface and painting sashes, fan light glazed or gauzed doors and type i/c edge. (SINO. 5 (b) P/69). In three coats.	948	Sft:	1270.83	% Sft:	12,047
36	Trufing slops of banks or lawns with grass sods including ploughing laying setting and watering (Turf got from with in a distance of 5 miles and maintenance for 15 days. (SINO.27, P/5).	21000	Sft:	1210	% Sft:	254,100
37	Supplying Ma nure. (SINO.44, P/104).	25	Cart	298.12	P.Cart	7,453
38	P/F with sunk iron screws wooden Architrave approved design/ shape having width not less than 2-1/2" inches as directed by Engineer In charge	168	Rft:	49.97	P.Rft:	8,396
39	Providing & Fixing Precast Edge Block 3750 PSI Industrial made size 6 inches thick x12 inches high including the cost of Cartage, excavation. Form work for haunching, 1450 PSI concrete for hanuching 1:2 cement sand mortar. (SINO. 14, P/16). (Highways Schedule)	375	Rft:	297.01	P.Rft:	111,579
40	Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio: 1:4:8. (SINO.4 (b), P- 14).	5625	Cft:	9416.28	% Cft	529,508
41	Preparing hard Morum/Powderly fine base dressing watering leveling and compaction etc complete. (R.A attached)	1800	Cft:	2864.95	% Cft	51,569

S. No.	Item of work.	Quantity		Rate.	Unit	Amount.
42.	Providing & fixing cement paving blocks flooring having size of 197x97x80(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.73, P/49).	11250	Sft:	223.97	P.Sft:	2,519,663
43	Boring 1-1/2" dia pressure pipe (SINO: 26/ P-108).	1080	Rft:	53.44	P.Rft:	57,719

Total Rs. 31,996,220

Abstract Sheet

S.N 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).	6	Nos.	6166.60	Each	37,000
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 fushing 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)	6	Nos.	11477.40	Each	68,864
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 (Enameled 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 Equivalar t). (SINO. 7, P,3).	6	Nos.	4440.70	Each	26,644
4	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 1/2" dia rubber plug & chrome plated brass chain 1- 1/4" dia, malleable iron or 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 Equivalant). (SINO. 10 /P- 3).	24	Nos.	4928.00	Each	118,272
5	Add extra for labour for providing & fixing of earthen ware Pedestal white or coloured glazed standard pattern (SINO. 11 /P-3).	24	Nos.	2533.47	Each	60,803
6	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)	12	Nos.	21989.60	Each	263,873
7	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. (S.NO.3, (c), P/23). 1 1/2" dia	1080	Rft:	44	P. Rft:	47,520
8	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 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).	36	Nos.	2042.43	Each	73,527

S.N	Item of work.	Quantity	Rate.	Unit	Amount.
9	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)	190	Rft: 333.29	P. Rft:	63,325
10	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).	12	Nos. 702.00	Each	8,424
11	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).	12	Nos. 702.00	Each	8,424
12	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).	12	Nos. 599.60	Each	7,195
13	P/F 4" dia C.I terminal guard i/c extra painting to match the colour of the building. (SINO.11,P/10).	24	Nos. 389.70	Each	9,353
14	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 head of 200 feet and handling(S No: 7,P-12)				
	(a) 1/2" dia.	260	Rft: 73.21	P. Rft:	19,035
	(b) 3/4" dia.	200	Rft: 95.79	P. Rft:	19,158
	(c) 1" dia.	120	Rft: 128.59	P. Rft:	15,431
	(d) 1 1/4" dia.	90	Rft: 153.19	P. Rft:	13,787
15	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	260	Rft: 7.82	P. Rft:	2,033
	(b) 3/4" dia.	200	Rft: 8.45	P. Rft:	1,690
16	Providing and fixing handle valves (china). (SINO. 5,P/17).				
	(a) 1/2" dia.	12	Nos. 200.42	Each	2,405
	(b) 3/4" dia.	12	Nos. 271.92	Each	3,263
	(c) 1" dia.	12	Nos. 365.42	Each	4,385
	(d) 1 1/4" dia.	12	Nos. 475.42	Each	5,705
17	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).	12	Nos. 402.16	Each	4,826
18	Canceled C.P fittings of Superior quality for tiles bath rooms. (b) S/fixing canceled stop cock of superir quality with c.p head 1/2" dia	24	Nos. 509.74	Each	12,234
19	Supply & fixing canceled Tee stop cock of superior quality with c.p hand 1/2" dia (S.I.No. 12 (b) P-18)	24	Nos. 889.46	Each	21,347
20	S/F Long Bib Cock of crystal heas with 1/2" dia (SINO:13 (b), P-19).	36	Nos. 1384.24	Each	49,833
21	Supply/Fixing wash basin mixture of superior quality hand 1/2" dia (SINO.14 (b), P-19)	24	Nos. 3179.00	Each	76,296

S.N	Item of work.	Quantity		Rate.	Unit	Amount.
22	Supplying & fixing swan type pillar cock of superior quality single c.p head 1/2" dia (SINO.16 (a) P-19)	24	Nos.	795.30	Each	19,087
23	Supplying & fixing c.p Muslim Shower with double bib cock & ring pipe etc complete (SINO.19 (a) P- 19).	24	Nos.	3432	Each	82,368
24	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).	26	Nos.	10322.40	Each	268,382
25	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 & dispcsal of earth etc complete (S.I.No. 2 P-20).	24	Nos.	5913.22	Each	141,917
26	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 excavate 1 staff (SINO.2 P-23).					
	(a) 4" dia.	300	Rft:	146.57	P-Rft:	43,971
	(a) 6" dia.	150	Rft:	199.25	P-Rft:	29,889
	(b) 9" dia.	200	Rft:	250.60	P-Rft:	50,120
27	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 plan 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)	12	Nos.	14748	Each	176,976

TOTAL Rs:- 1,657,307

PART C NON SCHEDULE ITEMS.

(1/iii)

S.No.	Name of Item	Qty:	Rate	Unit	Amount
1	P/F Wooden Trillas, Wooden Grills, Wooden Floating Deck, Wooden Railing using best imported quality Teak Wood consisting section using steel rop and steel hook & clip where requaired with Sikken polish of holand or equalent finished, fixing with steel nails & screw at any height and floor complete in all respect and as per drawings and instructions of the Engineer / Archhitect.				
	(a) Section 2" x 6"	800 Rft:		P.Rft:	
	(b) Section 2"x 3"	1150 Rft:		P.Rft:	
	(c) Section 2" x 4"	350 Rft:		P.Rft:	
	(d) Section 3" x 3"	80 Rft:		P.Rft:	
	(e) Section 4" x 4"	900 Rft:		P.Rft:	
	(f) Section 6" x 6"	600 Rft:		P.Rft:	
	(g) Section 8" x 8"	50 Rft:		P.Rft:	
	(h) Section 2" x 18"	50 Rft:		P.Rft:	
	(j) Section 10" x 10"	50 Rft:		P.Rft:	
	(k) Section 1" x 1"	1250 Rft:		P.Rft:	
2	Providing making fixing and design Tensile fabric coated with PVC on both sides on mild steel skeleton comprising of 6" dia 1/8" thick under the ground 3-0 deep from natural ground level with the support of 3" dia M.S pipe 1/8" thick i/c necessary accessories such as bolt etc. welding threading complete in all respects and with anti rusting two coat epoxy paint in approved shade & colour as per direction of consultant/ Client. Prior to start execution shop drawings to be submitted for approval, please be noted that all finishing items should be taken from Consultant / Client and as per drawing, specification 7 instruction issued time to time during execution shall be followed.	3500Rft:		P.Rft:	
3	Supply, Stacking and spreading approved garden soil (Sweet Earth) with an organic contant 25% which shall consist of well decomposed organic manure in uniform thickness i/c mixing and brooking clods and dressing fine and organic manure and watering and weeding till such time grass is well set to becomes green and is fit for moving all works to e completed as per drawing, specification and directed by the Engineer/ Consultant.	16000 Sft		P.Sft:	
4	Providing & Fixing Reciprocating Motor pumps set 1 H.P single phase 220 volts.	12 Nos.		Each	
5	P/F Hand Pump Machine i/c making (5.0x5.0) C.C Hodi etc complete.	12 Nos.		Each	
6	Providing & Wrapping Khabar arround strainer pipt.	12 Nos.		Each	
7	P/F UPVC Strainer pipe for Boaring i/c making holes etc complete.	12 Nos.		Each	

Total Rs.

(ii)

**Schedule B for Raising of Existing Retaining wall of I.P & N.I.P side of Rice Canal
with Decorative Jalli at Larkano.**

Cost Abstract

S.No	Item of work.	Quantity		Rate.	Unit	Amount.
1	Pacca brick work other than building i/c sticking joints up to 20' feet height in (SI NO. 7 (e)/ P-21).	35968	Cft:	12346.65	% Cft	4,440,676
2	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	54259	Cft:	337	P Cft:	18,283,263
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 (SINO: 8 P-16).	2422	Cwt.	5001.7	P. Cwt	12,114,117
4	Cement Plaster 1:6 up to 20ft height 1/2" thick (SINO.13 (b) / P-51).	106100	Sft:	2206.60	% Sft:	2,341,206
5	Cement Plaster 1:4 3/8" thick up to 20ft height (SINO: 11 /P-51).	106100	Sft:	2197.52	% Sft:	2,331,509
6	Providing & Fixing Colour Crete jto wall surface to provide, durable crust aesthetics having thickness up to 3/4" thick specified colour having water, fire and temite resistance (upto 20'-0 height). (SINO.44, P/56).	207956	Sft:	6319.50	% Sft:	13,141,779
7	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).	5305	Cft:	14429.25	%Cft	765,472
8	P/F Decorative C.C Jalli as per approved design, size, color and shed laid in approved pattern and as per drawing complete in all respect and as per direction of Engineer/ Consultant. (N.S.I)	53050	Sft:	1000	P.Sft	53,050,000

Total Rs. 106,470,200

(iii)

B.6

RENOVATION OF FLY OVER BRIDGE & BRIDGES OVER RICE CANAL LARKANO.

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

1. Cement plaster 1:6 upto 20'ft height 1/2" thick (SINO.13(b) P-58). 220 Sft: 2206.60 % Sft 4,835

2. Cement plaster 1:4 upto 20'ft height 3/8" thick (SINO.13(b) P-58). 220 Sft: 2197.52 % Sft 4,835

3. 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). 67195 Sft: 1948.10 % Sft: 1,309,026

4. Preparing the surface and painting with plastic emulsion of approved make (Old Surface) in two coats (S.I.No. 41 (a) 41 (b). 9661 Sft: 1402.23 % Sft: 135,459

5. Painting guard bars gates iron bars grating (Old Surface) (S.I.No. 4 (d) P-67). 1150 Sft: 674.60 % Sft: 7,758

TOTAL Rs:- 1,431,942

SAY MILLION 1.500

ESTIMATE FOR THE WORK RICE CANAL URBAN DESIGN.

(I) L.P. (II) N.P.

(iv)
(Electric work)

S.NO.	Name of Items	Qty.	Rate	Unit	Amount
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PART "A" SCHEDULE ITEMS.
SECOND EDITION-2012.

1/- Providing & fixing of MS tubular pole as following specification to be fixed on pre-cast foundation with the help of hydraulic crane & manual labour.
20ft-(6" dia) 5.5ft (5" dia) x 5.5ft (4" dia)= 31 ft wall thickness 8 SWG Base plate 18" x 18" x 3/4"
Hole 4 No's stiffeners 4 Nos. 9 1/2" x 4 1/2" x 1/2"
Making window in the pole required size with LN key provision
Two coats red oxide (2 coat) as rust preventive & of required oil paint (2 coat) as per site requirement & instruction of E.I. (S.No.132 P.No.16)

192 No.

@Rs: 36697/=

P.Each

Rs: 7045824/=

2/- Construction of RCC foundation as per following specification & instruction of E.I for 31ft/40ft long tubular pole
Excavation of soft/hard soil 3'x3' x5.5' stone soiling 3'x3'x 6" making lean in the ratio of 1:4:8
Length of MS bolts 6 1/2" (3/4" dia) 4 Nos' & making thread on MS rod Template 16"x16"x1/4"
Rings 1/4" 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'
(S.No.139 P.No.19).

192 No.

@Rs: 15168/=

P.Each

Rs: 2912256/=

Cont: on P.No. 2/-

3/- Providing & fixing of street light 400 watts (SON-T) having TP66 classification with 400w lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic crane as per site requirement and instruction of EI.
(S.No.168 P.No.26)

192 No. @Rs: 26330/= P.Each Rs: 5055360/=

4.- Providing & laying (MAIN or SUB MAIN) PVC insulated & PVC sheathed with 4 core copper conductor 600/1000 volts size 16mm². (S.No.102 P.No.12)

6300 Meter @Rs: 1300/= P.Meter Rs: 8190000/=

5/- Providing & laying (MAIN or SUB MAIN) PVC insulated & PVC sheathed with 4 core copper conductor 600/1000 volts size 35mm².
(S.No.104 P.No.12).

3300 Meters @Rs: 2529/= P.Meter Rs: 8345700/=

6/- Providing & Laying (MAIN or SUB MAIN) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.
(S.No.11 P.No.2)

2000 Meters @Rs: 252/= P.Meter Rs: 504000/=

Cont: on P.No. 3/-

7/- Manufacturing providing & fixing GI single arm double arch as per site requirement Instruction of EI with following specification
GI pipe 2" dia 10 SWG 5' long 2 no's MS lamps with nuts & bolts. (S.No.143 P.No.21).

192 No.

@Rs: 1546/=

P.Each

Rs: 296832/=

8/- Providing & fixing circuit breakers 15,20,30,40,50,60, 75 & 100amps TP (XS-100 NS) on prepared board as required. (S.No. 207 P.No.31).

07 No.

@Rs: 9261/=

P.Each

Rs: 64827/=

9/- Providing & fixing circuit breakers 125, 150,200 & 225 amps TP (XS-225 NS) on prepared board as required. (S.No.208 P.No.31).

03 No.

@Rs: 25541/=

P.Each

Rs: 76623/=

10/- Providing & fixing panel board double shutter to accommodate heavy duty circuit breakers, bus bars including painting with.
(S.No.6P.No.13) (of composite schedule 2004)

15 sq.ft.

@Rs: 1354/84

P.Sq.ft.

Rs: 20323/=

Cont: on P.No. 4/-

P.No. 4/-

11/-

P/F earthing set with 2'x2'x1/4' 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, in/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" G.L pipe straight from the earth plate upto. (S.No. 1 P.No.27). (of composite schedule 2004)

192 No.

@Rs: 2600/=

P.Scl.

Rs: 499200/=

Total Rs:

33010945/-

Say Rs:

33.00 Millions