

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

(For Contracts Costing up to Rs 50.00 MILLION)

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.



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**PUBLIC HEALTH ENGINEERING DIVISION
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BIDDING DOCUMENTS

FOR

**REHABILITATION OF RURAL WATER SUPPLY
SCHEME QADIRPUR TALUKA JACOBABAD,
JEHANPUR DAU TALUKA GARHIKHAIRO, PIYARO
KHOSO, MIRPUR BURIRO AND JUMO DAKHAN
TALUKA THULL DISTRICT JACOBABAD (25.100
MILLION)**

- Instructions to Bidders (ITB)
- General Conditions of Contract (GCC)

ISSUED TO M/S:

Preface

These Bidding Documents have been prepared for use by Procuring agencies and their implementing agencies in the procurement of goods through National Competitive Bidding (NCB).

In order to simplify the preparation of bidding documents for each procurement, the Bidding Documents are grouped in two parts based on provisions which are fixed and that which are specific for each procurement. Provisions which are intended to be used unchanged are in Part one, which includes Section I, Instructions to Bidders, and Section II, General Conditions of Contract. Data and provisions specific to each procurement and contract are included in Part Two which includes Section II, Bid Data Sheet; Section III, Special Conditions of Contract; Section-IV, Schedule of Requirements; Section V, Technical Specifications; and the forms to be used in Section I, Invitation for Bids, and Section VI, Sample Forms.

This is Part one which is fixed and contains provisions which are to be used unchanged. Each section is prepared with notes intended only as information for the Procuring agency or the person drafting the bidding documents. They shall not be included in the final documents.

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Instructions to Bidders

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Instructions to Bidders

A. Introduction

- 1. Source of Funds**
 - 1.1 The Procuring agency has received /applied for loan/grant/federal/provincial/local government funds from the source(s) indicated in the bidding data in various currencies towards the cost of the project/schemes specified in the bidding data and it is intended that part of the proceeds of this loan/grant/funds/will be applied to eligible payments under the contract for which these bidding documents are issued.
 - 1.2 Payment by the Fund will be made only at the request of the Procuring agency and upon approval by the Government of Sindh, and in case of a project will be subject in all respect to the terms and conditions of the agreement. The Project Agreement prohibit a withdrawal from the allocate fund account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Federal Government/ Sindh Government, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Procuring agency shall derive any rights from the Project Agreement or have any claim to the allocate fund proceeds.
- 2. Eligible Bidders**
 - 2.1 This Invitation for Bids is open to all suppliers from eligible source as defined in the SPP Rules, 2009 and its Bidding Documents except as provided hereinafter.
 - 2.2 Bidders should not be associated, or have been associated in the past, directly or in directly, with a firm or any of its affiliates which have been engaged by the Procuring agency to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.
 - 2.3 Government-owned enterprises in the Province of Sindh may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Government of Sindh.
 - 2.4 Bidders shall not be eligible to bid if they are under a declaration of ineligibility for corrupt and fraudulent practices issued by the

- any government organization in accordance with sub clause 34.1
- 3. Eligible Goods and Services**
- 3.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, defined in the SPP Rules, 2009 and its Bidding Documents, and all expenditures made under the contract will be limited to such goods and services.
- 3.2 For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of goods and services is distinct from the nationality of the Bidder.
- 4. Cost of Bidding**
- 4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring agency named in the Bid Data Sheet, here in after referred to as “the Procuring agency,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. The Bidding Documents

- 5. Content of Bidding Documents**
- 5.1 the bidding documents include:
- (a) Instructions to Bidders(ITB)
 - (b) Bid Data Sheet
 - (c) General Conditions of Contract (GCC)
 - (d) Special Conditions of Contract (SCC)
 - (e) Schedule of Requirements
 - (f) Technical Specifications
 - (g) Bid Form and Price Schedules
 - (h) Bid Security Form
 - (i) Contract Form
 - (j) Performance Security Form
 - (k) Manufacturer’s Authorization Form
- 5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in the

- rejection of its bid.
- 6. Clarification of Bidding Documents**
- 6.1 A interested Bidder requiring any clarification of the bidding documents may notify the Procuring agency in writing. The Procuring agency will respond in writing to any request for clarification of the bidding documents which it receives no later than three working days prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the Procuring agency's response (including an explanation of the query but without identifying the source of inquiry) will be sent to all interested bidders that have received the bidding documents.
- 7. Amendment of Bidding Documents**
- 7.1 At any time prior to the deadline for submission of bids, the Procuring agency, for any reason, whether at its own initiative or in response to a clarification requested by a interested Bidder, may modify the bidding documents by amendment.
- 7.2 All interested bidders that have received the bidding documents will be notified of the amendment in writing, and will be binding on them.
- 7.3 In order to allow interested bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring agency, at its discretion, may extend the deadline for the submission of bids.

C. Preparation of Bids

- 8. Language of Bid**
- 8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the Bid Data Sheet, in which case, for purposes of interpretation of the Bid, the translation shall govern.
- 9. Documents Comprising the Bid**
- 9.1 The bid prepared by the Bidder shall comprise the following components:
- (a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12;
 - (b) documentary evidence established in accordance with ITB

Clause 13 that the Bidder is eligible to bid and is disqualified to perform the contract if its bid is accepted;

- (c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and
- (d) bid security furnished in accordance with ITB Clause 15.

10. Bid Form

- 10.1 The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

11. Bid Prices

- 11.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract.
- 11.2 Prices indicated on the Price Schedule shall be delivered duty paid (DDP) prices, if applicable. The price of other (incidental) services, if any, listed in the Bid Data Sheet will be entered separately.
- 11.3 The Bidder's separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Procuring agency and will not in any way limit the Procuring agency's right to contract on any of the terms offered.
- 11.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as nonresponsive and will be rejected, pursuant to ITB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.

12. Bid Currencies

- 12.1 Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet.

13. Documents Establishing Bidder's

- 13.1 Pursuant to ITB Clause 9, 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.

Eligibility and Qualification

- 13.2 The documentary evidence of the Bidder's eligibility to bid shall establish to the Procuring agency's satisfaction that the Bidder, at the time of submission of its bid, is from an eligible country as defined under ITB Clause 2.
- 13.3 The documentary evidence of the Bidder's qualifications to perform the contract fits bid is accepted shall establish to the Procuring agency's satisfaction:
- (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in the Procuring agency's country;
 - (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
 - (c) that, in the case of a Bidder not doing business within the Procuring agency's country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carryout the Supplier's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
 - (d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

14. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

- 14.1 PursuanttoITBClause9,theBiddershallfurnish,aspartofits bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.
- 14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
- 14.3 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:
- (a) a detailed description of the essential technical and

performance characteristics of the goods;

- (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc. ,necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Procuring agency; and
- (c) an item-by-item commentary on the Procuring agency's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

14.4 For purposes of the commentary to be furnished pursuant to ITB Clause14.3(c) above, the Bidder shall note that standards for work man ship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring agency in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Procuring agency's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

15. Bid Security

15.1 PursuanttoITBClause9,theBiddershallfurnish,aspartofits bid, a bid security in the amount specified in the Bid Data Sheet.

15.2 The bid security is required to protect the Procuring agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 15.7.

15.3 The bid security shall be in Pak. Rupees and shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency and valid for thirty (30) days beyond the validity of the bid; or
- (b) irrevocable en-cashable on-demand Bank call-deposit.

15.4 AnybidnotsecuredinaccordancewithITBclauses15.1and 15.3willberejectedbytheProcuringagencyasnonresponsive, pursuant to ITB Clause 24.

15.5 Unsuccessful bidders' bid security will be discharged or returned as promptly as possible but not later than thirty (30) days after the expiration of the period of bid validity prescribed by the Procuring agency pursuant to ITB Clause 16.

15.6 The successful Bidder's bid security will be discharged up on the Bidder signing the contract, pursuant to ITB Clause32,and furnishing the performance security,pursuanttoITBClause33.

15.7 The bid security may be forfeited:

- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- (b) in the case of a successful Bidder, if the Bidder fails:
 - (i) to sign the contract in accordance with ITB Clause 32;
 - or**
 - (ii) to furnish performance security in accordance with ITBClause33.

**16. Period of
Validity of
Bids**

16.1 Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Procuring agency,pursuanttoITBClause19. A bid valid for a shorter period shall be rejected by the Procuring agency as nonresponsive.

16.2 In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing . The bid security provided under ITBClause15shallalso be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in the bidding document.

**17. Format and
Signing of Bid**

17.1 The Bidder shall prepare an original and the number of copies of the bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID" and "COPY OF BID," as appropriate. In the event of any discrepancy between them, the original shall govern.

17. The original and the copy or copies of the bid shall be typed or written in indelible in kind shall be signed by the Bidder or a

person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

17.3 Any inter lineation erasures, or over writing shall be valid only if they are initialed by the person or persons signing the bid.

17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

D. Submission of Bids

18. Sealing and Marking of Bids

18.1 The Bidder shall seal the original and each copy of the bid in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope.

18.2 The inner and outer envelopes shall:

- (a) be addressed to the Procuring agency at the address given in the Bid Data Sheet; and
- (b) bear the Project name indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: "DONOT OPEN BEFORE," to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.2.

18.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late".

18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Procuring agency will assume no responsibility for the bid's misplacement or premature opening.

19. Deadline for Submission of Bids

19.1 Bids must be received by the Procuring agency at the address specified under ITB Clause 18.2 no later than the time and date specified in the Bid Data Sheet.

19.2 The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and

obligations of the Procuring agency and bidders previously subject to the dead line will thereafter be subject to the deadline as extended.

20. Late Bids

20.1 Any bid received by the Procuring agency after the deadline for submission of bids prescribed by the Procuring agency pursuant to ITB Clause 19 will be rejected and returned unopened to the Bidder.

21. Modification and Withdrawal of Bids

21.1 The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.

21.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. by a signed confirmation copy, postmarked not later than the deadline for submission of bids.

21.3 No bid may be modified after the deadline for submission of bids.

21.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security, pursuant to the ITB Clause 15.7.

E. Opening and Evaluation of Bids

22. Opening of Bids by the Procuring agency

22.1 The Procuring agency will open all bids in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register evidencing their attendance.

22.2 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Procuring agency, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.

22.3 Bids (and modifications sent pursuant to ITB Clause 21.2) that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances. Withdrawn bids will be returned unopened to the bidders.

22.4 The Procuring agency will prepare minutes of the bid opening.

23. Clarification of Bids

23.1 During evaluation of the bids, the 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 prices or substance of the bid shall be sought, offered, or permitted.

24. Preliminary Examination

24.1 The Procuring agency will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

24.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the 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 the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.

24.3 The Procuring agency may waive any minor in formality, non conformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

24.4 Prior to the detailed evaluation, pursuant to ITB Clause 25 the Procuring agency will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning Bid Security (ITB Clause 15), Applicable Law (GCC Clause 30), and Taxes and Duties (GCC Clause 32), will be deemed to be a material deviation. The Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

- 24.5 If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
- 25. Evaluation and Comparison of Bids**
- 25.1 The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive, pursuant to ITB Clause 24.
- 25.2 The Procuring agency's evaluation of a bid will be on delivered duty paid (DDP) price inclusive of prevailing duties and will exclude any allowance for price adjustment during the period of execution of the contract, if provided in the bid.
- 25.3 The Procuring agency's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with ITB Clause 11.2, one or more of the following factors as specified in the Bid Data Sheet, and quantified in ITB Clause 25.4:
- (a) incidental costs
 - (b) delivery schedule offered in the bid;
 - (c) deviations in payment schedule from that specified in the Special Conditions of Contract;
 - (d) the cost of components, mandatory spare parts, and service;
 - (e) the availability Procuring agency of spare part-and after-sales services for the equipment offered in the bid;
 - (f) the projected operation and maintenance costs during the life of the equipment;
 - (g) the performance and productivity of the equipment offered; and/or
 - (h) other specific criteria indicated in the Bid Data Sheet and/or in the Technical Specifications.
- 25.4 For factors retained in the Bid Data Sheet pursuant to ITB 25.3, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:
- (a) Incidental costs provided by the bidder will be added by Procuring agency to the delivered duty paid (DDP) price at

the final destination.

(b) *Delivery schedule.*

(i) The Procuring agency requires that the goods under the Invitation for Bids shall be delivered at the time specified in the Schedule of Requirements which will be treated as the base, a delivery “adjustment” will be calculated for bids by applying a percentage, specified in the Bid Data Sheet, of the DDP price for each week of delay beyond the base, and this will be added to the bid price for evaluation. No credit shall be given to early delivery.

or

(ii) The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as nonresponsive. Within this acceptable range, an adjustment per week, as specified in the Bid Data Sheet, will be added for evaluation to the bid price of bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements.

or

(iii) The goods covered under this invitation are required to be delivered in partial shipments, as specified in the Schedule of Requirements. Bids offering deliveries earlier or later than the specified deliveries will be adjusted in the evaluation by adding to the bid price a fact or equal to a percentage, specified in the Bid Data Sheet, of DDP price per week of variation from the specified delivery schedule.

(c) *Deviation in payment schedule.*

(i) Bidders shall state their bid price for the payment schedule outlined in the SCC. Bids will be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate their suction in bid price they wish to offer for such alternative payment schedule. The Procuring agency may consider the alternative payment schedule offered by the selected Bidder.

or

(ii) The SCC stipulates the payment schedule offered by

The Procuring agency. If a bid deviates from the schedule and if such deviation is considered acceptable to the Procuring agency, the bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the bid as compared with those stipulated in this invitation, at the rate per annum specified in the Bid Data Sheet.

(d) *Cost of spare parts.*

(i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the Bid Data Sheet, is annexed to the Technical Specifications. The total cost of these items, at the unit prices quoted in each bid, will be added to the bid price.

or

(ii) The Procuring agency will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the Bid Data Sheet. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the bid price.

or

(iii) The Procuring agency will estimate the cost of spare parts usage in the initial period of operation specified in the Bid Data Sheet, based on information furnished by each Bidder, as well as on past experience of the Procuring agency or other procuring agencies in similar situations. Such costs shall be added to the bid price for evaluation.

(e) *Spare parts and after sales service facilities in the Procuring agency's country.*

The cost to the Procuring agency of establishing the minimum service facilities and parts inventories, as outlined in the Bid Data Sheet or else where in the bidding documents, if quoted separately, shall be added to the bid price.

(f) *Operating and maintenance costs.*

Since the operating and maintenance costs of the goods under procurement form a major part of the life cycle cost of the equipment, these costs will be evaluated in accordance with the criteria specified in the Bid Data Sheet or in the Technical Specifications.

(g) *Performance and productivity of the equipment.*

(i) Bidders shall state the guaranteed performance or efficiency in response to the Technical Specification. For each drop in the performance or efficiency below the norm of 100, an adjustment for an amount specified in the Bid Data Sheet will be added to the bid price, representing the capitalized cost of additional operating costs over the life of the plant, using the methodology specified in the Bid Data Sheet or in the Technical Specifications.

or

(ii) Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the bid, and adjustment will be added to the bid price using the methodology specified in the Bid Data Sheet or in the Technical Specifications.

(h) *Specific additional criteria indicated in the Bid Data Sheet and/or in the Technical Specifications.*

The relevant evaluation method shall be detailed in the Bid Data Sheet and/or in the Technical Specifications.

Alternative

25.4 Merit Point System:

The following merit point system for weighing evaluation factors can be applied if none of the evaluation methods listed in 25.4 above has been retained in the Bid Data Sheet. The number of points allocated to each factor shall be specified in the Bid Data Sheet.

[In the Bid Data Sheet, choose from the range of]

Evaluated price of the goods	60 to 90
Cost of common list spare parts	0 to 20
Technical features, and maintenance and operating costs	0 to 20
Availability of service and spare parts	0 to 20
Standardization	0 to 20
Total	100

The bids coring the highest number of points will be deemed to be the lowest evaluated bid.

- 26. Contacting the Procuring agency**
- 26.1 SubjecttoITBClause23,noBiddershallcontacttheProcuring agency on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional in formation to the notice of the Procuring agency, it should do so in writing.
- 26.2 Any effort by a Bidder to influence the Procuring agency in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder’s bid.

F. Award of Contract

- 27. Post-qualification**
- 27.1 In the absence of prequalification, the Procuring agency will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.3.
- 27.2 The determination will take in to account the Bidder’s financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, pursuant to ITB Clause 13.3,aswellassuchotherinformationastheProcuringagency deems necessary and appropriate.
- 27.3 An affirmative determination will be a pre requisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder’s bid, in which event the Procuring agency will proceed to the next lowest evaluated bid to make a similar determination of that Bidder’s capabilities to perform satisfactorily.
- 28. Award Criteria**
- 28.1 SubjecttoITBClause30,theProcuringagencywillawardthe contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is

- determined to be qualified to perform the contract satisfactorily.
- 29. Procuring agency's Right to Vary Quantities at Time of Award**
- 29.1 The Procuring agency reserves the right at the time of contract award to increase or decrease, by the percentage indicated in the Bid Data Sheet, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.
- 30. Procuring agency's Right to Accept any Bid and to Reject any or All Bids**
- 30.1 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 contract award, without there by incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Procuring agency's action.
- 31. Notification of Award**
- 31.1 Prior to the expiration of the period of bid validity, the Procuring agency will notify the successful Bidder in writing by registered letter or by cable, to be confirmed in writing by registered letter, that its bid has been accepted.
- 31.2 The notification of award will constitute the formation of the Contract.
- 31.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 33, the Procuring agency will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 15.
- 32. Signing of Contract**
- 32.1 At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.
- 32.2 Within thirty (30) days of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to
The Procuring agency.
- 33 Performance Security**
- 33.1 Within twenty(20) days of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency.
- 33.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 32 or ITB Clause 33.1 shall constitute sufficient grounds for the annulment of the award and for feature of the bid

34. Corrupt or Fraudulent Practices

security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids.

34.1 The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2009 and Rules made there under:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Procuring agency of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government-financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government-financed contract.

34.2 Furthermore, Bidders shall be aware of the provision stated in sub-clause 5.4 and sub-clause 24.1 of the General Conditions of Contract.

Part One - Section II.
General Conditions of Contract

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General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (a) “The Contract” means the agreement entered into between the Procuring agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring agency under the Contract.
- (d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Procuring agency” means the organization purchasing the Goods, as named in SCC.
- (h) “The Procuring agency’s country” is the country named in SCC.
- (i) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract.
- (j) “The Project Site,” where applicable, means the place or places named in SCC.
- (k) “Day” means calendar day.

2. Application

2.1 These General Conditions shall apply to the extent that they are

not superseded by provisions of other parts of the Contract.

3. Country of Origin

3.1 All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules and further elaborated in the SCC.

3.2 For purposes of this Clause, “origin” means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.

3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.

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4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods’ country of origin. Such standards shall be the latest issued by the concerned institution.

5. Use of Contract Documents and Information; Inspection and Audit by the Government

5.1 The Supplier shall not, without the Procuring agency’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

5.2 The Supplier shall not, without the Procuring agency’s prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.

5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring agency and shall be returned (all copies) to the Procuring agency on completion of the Supplier’s performance under the Contract if so required by the Procuring agency.

- 5.4 The Supplier shall permit the Procuring agency to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the procuring agency, if so required.
- 6. Patent Rights**
- 6.1 The Supplier shall indemnify the Procuring agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring agency's country.
- 7. Performance Security**
- 7.1 Within twenty(20) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 7.3 The performance security shall be denominated in the currency of the Contract acceptable to the Procuring agency and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency; or
 - (b) a cashier's or certified check.
- 7.4 The performance security will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30)days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.
- 8. Inspections and Tests**
- 8.1 The Procuring agency or its representative shall have the right to inspect and/or test the Goods to confirm their conformity to the Contract specification at no extra cost to the Procuring agency. SCC and the Technical Specifications shall specify what inspections and tests the Procuring agency requires and where they are to be conducted. The Procuring agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 8.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at

The Goods' final destination. If conducted on the premises of the Supplier or its sub contractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring agency.

- 8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.
- 8.4 The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring agency's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Procuring agency or its representative prior to the Goods' shipment from the country of origin.
- 8.5 Nothing in GCC clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. Packing

- 9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring agency.

10. Delivery and Documents

- 10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.
- 10.2 Documents to be submitted by the Supplier are specified in SCC.

11. Insurance

11.1 The Goods supplied under the Contract shall be delivered duty paid(DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility.

12. Transportation

12.1 The Supplier is required under the Contact to transport the Goods to a specified place of destination within the Procuring agency's country, transport to such place of destination in the Procuring agency's country, including insurance and storage, as shall be specified in the Contract, shall bear ranged by the Supplier, and related costs shall be included in the Contract Price.

13. Incidental Services

13.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Procuring agency's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

13.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged for other parties by the Supplier for similar services.

14. Spare Parts

14.1 As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

- 15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 15.2 This warranty shall remain valid for twelve(12)months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.
- 15.3 The Procuring agency shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring agency.
- 15.5 If the Supplier, having been notified, fails to remedy the defect(s)

Within the period specified in SCC, within are as on able period, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.

16. Payment

16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.

16.2 The Supplier's request(s) for payment shall be made to the Procuring agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.

16.3 Payments shall be made promptly by the Procuring agency, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier.

16.4 The currency of payment is Pak. Rupees.

17. Prices

17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in SCC or in the Procuring agency's request for bid validity extension, as the case may be.

18. Change Orders

18.1 The Procuring agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring agency;
- (b) the method of shipment or packing;
- (c) the place of delivery; and/or
- (d) the Services to be provided by the Supplier.

18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be

Made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty(30) days from the date of the Supplier's receipt of the Procuring agency's change order.

19. Contract Amendments

19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

20. Assignment

20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring agency's prior written consent.

21. Subcontracts

21.1 The Supplier shall notify the Procuring agency in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

21.2 Sub contracts must comply with the provisions of GCC Clause 3.

22. Delays in the Supplier's Performance

22.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring agency in the Schedule of Requirements.

22.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

22.3 Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.

23. Liquidated

23.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or

Damages

all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring agency may consider termination of the Contract pursuant to GCC Clause 24.

24. Termination for Default

24.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:

- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 22; or
- (b) if the Supplier fails to perform any other obligation(s) under the Contract.
- (c) if the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

“corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

“fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

24.2 In the event the Procuring agency terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Procuring agency may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those

undelivered, and the Supplier shall be liable to the Procuring agency for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

25. Force Majeure 25.1 Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for failure of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

25.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

25.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

26. Termination for Insolvency 26.1 The Procuring agency may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring agency.

27. Termination for Convenience 27.1 The Procuring agency, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring agency's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

27.2 The Goods that are complete and ready for shipment within thirty(30) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring agency at the

Contract terms and prices. For the remaining Goods, the Procuring agency may elect:

- (a) to have any portion completed and delivered at the Contract terms and prices; and/or
- (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

28. Resolution of Disputes

28.1 The Procuring agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

28.2 If, after thirty (30) days from the commencement of such informal negotiations, the Procuring agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed manner and/or arbitration.

29. Governing Language

29.1 The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

30. Applicable Law

30.1 The Contract shall be interpreted in accordance with the laws of the Procuring agency's country, unless otherwise specified in SCC.

31. Notices

31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by cable, telex, or facsimile and confirmed in writing to the other party's address specified in SCC.

31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. Taxes and Duties

32.1 Suppliers shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring agency.

Notes on the Instructions to Bidders

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

Part One Section I contains provisions that are to be used unchanged. Part Two Section II consists of provisions that supplement, amend, or specify in detail information or requirements included in Part One Section I and which are specific to each procurement.

Matters governing the performance of the Supplier, 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 under Part one Section II, General Conditions of Contract, and / or Part Two Section III, Special Conditions of Contract. If duplication of a subject is inevitable in the other sections of the document prepared by the Procuring agency, care must be exercised to avoid contradictions between clauses dealing with the same matter.

These Instructions to Bidders will not be part of the contract.

Notes on the General Conditions of Contract

The General Conditions of Contract in Part One Section II, read in conjunction with the Special Conditions of Contract in Part Two Section III and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

The General Conditions of Contract herein shall not be altered. Any changes and complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract in Part Two Section III.



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No. AB/NIT/
JACOBABAD DATED:

/of/2015
OCTOBER 2015

**PUBLIC HEALTH ENGINEERING DIVISION
JACOBABAD**

BIDDING DOCUMENTS

FOR

**ESTABLISHMENTT OF DENTAL UNDERGRADUATE
LABORATORY AT LUMHS AT JAMSHORO**

**TRAINING ITEMS, AIDS AND SIMULATORS TO
ESTABLISH DENTAL UNDERGRADUATE SKILL
LABORAORY**

PARTTWO(PROCUREMENTSPECIFICPROVISIONS)

- Invitation for Bids (IFB)
- Bid Data Sheet (BDS)
- Special Conditions of Contract (SCC)
- Schedule of Requirements
- Technical Specifications
 - Sample Form
 - Eligibility

Preface

These Bidding Documents have been prepared for use by procuring agencies in the procurement of goods through National Competitive Bidding (NCB).

In order to simplify the preparation of bidding documents for each procurement, the Bidding Documents are grouped in two parts based on provisions which are fixed and that which are specific for each procurement. Provisions which are intended to be used unchanged are in Part one, which includes Section I, Instructions to Bidders, and Section II, General Conditions of Contract. Data and provisions specific to each procurement and contract are included in Part Two which includes Section II, Bid Data Sheet; Section III, Special Conditions of Contract; Section IV, Schedule of Requirements; Section V, Technical Specifications; and the forms to be used in Section I, Invitation for Bids, and Section VI, Sample Forms.

This is Part Two and contains data and provisions specific to each procurement. Care should be taken to check the relevance of the provisions of the Bidding Documents against the requirements of the specific goods to be procured. The following general directions should be observed when using the documents. In addition, each section is prepared with notes intended only as information for the Procuring agency or the person drafting the bidding documents. They shall *not* be included in the final documents, except for the notes introducing Section VI, Forms, where the information is useful for the Bidder.

- (a) Specific details, such as the "name of the Procuring agency" and "address for bid submission," should be furnished in the Invitation for Bids, in the Bid Data Sheet, and in the Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- (b) Amendments, if any, to the Instructions to Bidders and to the General Conditions of Contract should be made through the Bid Data Sheet and the Special Conditions of Contract, respectively.
- (c) Footnotes or notes in italics included in the Invitation for Bids, Bid Data Sheet, Special Conditions of Contract, and in the Schedule of Requirements are not part of the text of the document, although they contain instructions that the Procuring agency should strictly follow. The final document should contain no footnotes.

- (d) The criteria for bid evaluation and the various methods of evaluation in the Instructions to Bidders (Clauses 25.3 and 25.4, respectively) should be carefully reviewed. Only those that are selected to be used for the procurement in question should be retained and expanded, as required, in the Bid Data Sheet or in the Technical Specifications, as appropriate. The criteria that are not applicable should be deleted from the Bid Data Sheet.
- (e) Clauses included in the Special Conditions of Contract are illustrative of the provisions that should be drafted specifically by the Procuring agency for each procurement.
- (f) The forms provided in Section VI should be completed by the Bidder or the Supplier; the foot notes in these forms should remain, since they contain instructions which the Bidder or the Supplier should follow.

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SECTION VII. ELIGIBILITY FOR THE PROVISION OF GOODS, WORKS, AND SERVICES IN BANK-FINANCED PROCUREMENT	<i>Error! Bookmark not defined.</i>

Section II. Bid Data Sheet

Notes on the Bid Data Sheet

Section II is intended to assist the Procuring agency in providing the specific information in relation to corresponding clauses in the Instructions to Bidders included in Part one Section I, and has to be prepared for each specific procurement.

The Procuring agency should specify in the Bid Data Sheet information and requirements specific to the circumstances of the Procuring agency, the processing of the procurement, the applicable rules regarding bid price and currency, and the bid evaluation criteria that will apply to the bids. In preparing Section II, the following aspects should be checked:

- (a) Information that specifies and complements provisions of Part One Section I must be incorporated.
- (b) Amendments and/or supplements, if any, to provisions of Part One Section I as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Part One. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

[Instructions for completing the Bid Data Sheet are provided, as needed, in the notes in italics mentioned for the relevant ITB clauses.]

Introduction	
ITB 1.1	Name of Procuring Agency of Government of Sindh. PUBLIC HEALTH ENGINEERING DEPARTMENT
ITB 1.1	NOT APPLICABLE
ITB 1.1	Name of Project: Rehabilitation of Rural Water Supply Scheme Qadirpur, Taluka Jacobabad, Jehanpur Dau Taluka Garhikhairo, Piyaro Khoso, Mirpur Buriro and Jumo Dakhan Taluka Thull District Jacobabad 01 One Year Operation and Maintenance
ITB 1.1	Name of Contract: Rehabilitation of Rural Water Supply Scheme Qadirpur, Taluka Jacobabad, Jehanpur Dau Taluka Garhikhairo, Piyaro Khoso, Mirpur Buriro and Jumo Dakhan Taluka Thull District Jacobabad 01 One Year Operation and Maintenance
ITB 4.1	Name of Procuring agency. PUBLIC HEALTH ENGINEERING DIVISION JACOBABAD.
ITB 6.1	Procuring agency's address, telephone, telex, and facsimile numbers. Address: Public Health Engineering Division Jacobabad. Tele:# 0722-652795 Fax:# +0722-652795 Web Site: wahabsahito@gmail.com
ITB 8.1	Language of the bid : ENGLISH.

Bid Price and Currency	
ITB 11.2	The price quoted shall be in C&F/ FOR inclusive of all service charges inclusive of delivery duty paid and to become equipment operational i.e. installation and hands on training charges.
ITB 11.5	The price shall be fixed and include charges of necessary parts & accessories required to become equipment operational.

Preparation and Submission of Bids	
ITB 13.3 (d)	<p>Qualification requirements.</p> <ul style="list-style-type: none"> i) Bio date of Engineers and Technical Staff working with the firm. ii) Latest Income Certificate (NTN). iii) Valid GST Registration Certificate. iv) Sindh Revenue Board Certificate (SRB) v) Certified copy of Authorized Dealership Certificate. vi) Documentary evidence of similar works executed /works in progress and certificate of satisfactory completion of works by the employers. vii) List of works in progress indicating cost of each work and copy of letter, awarding the work viii) List of Machinery and equipment available for after sale services and trouble shooting, with documentary evidence of its ownership. ix) Certificate of Bank showing credit worthiness along with current Bank Statement. x) Registration with income tax Department (NTN Certificates) GST Registration certificate, Sindh Revenue Board with copy of N.I.C. xi) Undertaking of Affidavit that the firm is not involved in any litigation of abandoned any work in the Department. xii) Affidavit to the effect that the firm/ supplier have not been black listed previously by any executing agency. xiii) (a) In the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in the Procuring agency's country; xiv) (b) The Bidder has the financial, technical, and production capability necessary to perform the contract;

Part Two - Section II. Bid	Data Sheet	7
ITB 14.3 (b)	Spare parts required for 05 of years of operation. Quoted/ offered items shall be of latest model from the manufacturer and supplier is responsible to provide after sales support, insure availability of spare parts for at least 05 years after commissioning of equipment at PHE Division Jacobabad (under taking on Affidavit is to be submitted.	
ITB 15.1	Amount of bid security. Total 2% of bid amount. (2% of total amount of bid at the time of bid submission and 8% after awarding of work/ supply order.)	
ITB 16.1	Bid validity period. (6) Months	
ITB 17.1	Number of copies. Two (One original + One duplicate)	
ITB 18.2 (a)	Address for bid submission: Office of the Executive Engineer, Public Health Engineering Division Jacobabad.	
ITB 18.2 (b)	IFB title and number.	
ITB 19.1	Deadline for bid submission. 18/11/2015, @ 1.00 hours	
ITB 22.1	Time, date, and place for bid opening: The tenders will be opened on the same date i.e. 18/11/2015, @ 2.00 hours in presence of tender opening/evaluation committee and bidders or their authorized representatives who ever be present in the Office of the Executive Engineer, PHE Division Jacobabad.	

Bid Evaluation		
ITB 25.3	<p style="text-align: center;"><i>appropriate from criteria listed in ITB Clause 25.3 (e.g., 25.3(b) and (c)), and in the reference under ITB 25.4 below. Retain only the evaluation method to apply and the relevant parameters corresponding to the retained criteria (e.g., 25.4 (b)(i) and (c)(ii)).</i></p>	
ITB 25.4 (a)		
ITB 25.4 (b)		

<p>Option (i)</p> <p>Option (ii)</p> <p>Option (iii)</p>	<p>adjustment expressed as a percentage at rate of one half (0.5) percent per week of bid amount on account of liquidated damages.</p>
<p>ITB 25.4 (c) (ii)</p>	<p>Deviation in payment schedule.</p> <p>Annual interest rate.</p>
<p>ITB 25.4 (d)</p>	<p>Cost of spare parts: Not Applicable.</p>
<p>ITB 25.4 (e)</p>	<p>Spare parts and after sales service facilities in the Procuring agency's country.</p>
<p>ITB 25.4 (f)</p>	<p>Operating and maintenance costs.</p>
<p>ITB 25.4 (g)</p>	<p>Performance and productivity of equipment.</p> <p><i>[Specify the applicable procedure and the adjustment factor (in the currency used for bid evaluation, as applicable), as required. The adjustment factor should apply to the norm that shall be used and that shall be either as specified in the Technical Specifications or shall be the value committed in the responsive bid with the best guaranteed performance or productivity; the contractual liquidated damages specified in the SCC shall be higher than the evaluation advantage.]</i></p>
<p>ITB 25.4 (h)</p>	<p>Details on the evaluation method or reference to the Technical Specifications.</p>
<p>ITB 25.4</p> <p>Alternative</p>	<p>Specify the evaluation factors.</p> <p>Merit point System</p>
<p>Contract Award</p>	
<p>ITB 29.1</p>	<p>Percentage for quantity increase or decrease</p>

Section III. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the Bid Data Sheet in Section II, the clauses in this Section are intended to assist the Procuring agency in providing contract-specific information in relation to corresponding clauses in the General Conditions of Contract.

The provisions of Section III complement the General Conditions of Contract included in Part one, Section II, specifying contractual requirements linked to the special circumstances of the Procuring agency, the Procuring agency's country, the sector, and the Goods purchased. In preparing Section III, the following aspects should be checked:

- (a) Information that complements provisions of Part one Section II must be incorporated.
- (b) Amendments and/or supplements to provisions of Part one Section II, as necessitated by the circumstances of the specific purchase, must also be incorporated.

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Section IV. Schedule of Requirements

Notes for Preparing the Schedule of Requirements

The Schedule of Requirements shall be included in the bidding documents by the Procuring agency, and shall cover, at a minimum, a description of the goods and services to be supplied and the delivery schedule.

The objective of the Schedule of Requirements is to provide sufficient information to enable bidders to prepare their bids efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section VI. In addition, the Schedule of Requirements, together with the Price Schedule, should serve as a basis in the event of quantity variation at the time of award of contract pursuant to ITB Clause 29.

The date or period for delivery should be carefully specified, taking the date prescribed here in from which the Procuring agency's delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit).

Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery required.

Number	Description	Quantity	Delivery schedule (shipment)
	Rehabilitation of Rural Water Supply Scheme Qadirpur Taluka Jacobabad, Jehanpur Dau Taluka Garhikhairo, Piyaro Khoso, Mirpur Buriro and Jumo Dakhan Taluka Thull District Jacobabad including 01 (one) Year Operation and Maintenance.		

Section V. Technical Specifications

Notes for Preparing the Technical Specifications

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

Samples of specifications from previous similar procurements in the same country are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods, although not necessarily to be used in a particular procurement. Deletions or additions should then adapt the General Technical Specifications to the 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. Where other particular standards are used, whether national standards of the Borrower's country or other standards, 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 Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalog numbers should be avoided as far as possible; where unavoidable they should always be followed by the words "or at least equivalent."

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring agency with the bidding documents. Similarly, the Supplier may be requested to provide drawings or samples either with its bid or for prior review by the Procuring agency during contract execution.

Section VI. Sample Forms

Notes on the Sample Forms

The Bidder shall complete and submit with its bid the **Bid Form** and **Price Schedules** pursuant to ITB Clause 9 and in accordance with the requirements included in the bidding documents.

When requested in the Bid Data Sheet, the Bidders should provide the **Bid Security**, either in the form included here after or in another form acceptable to the Procuring agency, pursuant to ITB Clause 15.3.

The **Contract Form**, when it is finalized at the time of contract award, should incorporate any corrections or modifications to the accepted bid resulting from price corrections pursuant to ITB Clause 16.3 and GCC Clause 17, acceptable deviations (e.g., payment schedule pursuant to ITB Clause 25.4 (c), spare parts pursuant to ITB Clause 25.4 (d), or quantity variations pursuant to ITB Clause 29. The Price Schedule and Schedule of Requirements deemed to form part of the contract should be modified accordingly.

The **Performance Security** and **Bank Guarantee for Advance Payment** forms should not be completed by the bidder at the time of their bid preparation. Only the successful Bidder will be required to provide performance security and bank guarantee for advance payment in accordance with one of the forms indicated herein or in another form acceptable to the Procuring agency and pursuant to GCC Clause 7.3 and SCC 11, respectively.

The **Manufacturer's Authorization** form should be completed by the Manufacturer, as appropriate, pursuant to ITB Clause 13.3 (a).

Sample Forms

<i>1. BID FORM AND PRICE SCHEDULES.....</i>	<i>23</i>
<i>2. BID SECURITY FORM.....</i>	<i>26</i>
<i>3. CONTRACT FORM.....</i>	<i>27</i>
<i>4. PERFORMANCE SECURITY FORM.....</i>	<i>28</i>
<i>5. BANK GUARANTEE FOR ADVANCE PAYMENT.....</i>	<i>29</i>
<i>6. MANUFACTURER'S AUTHORIZATION FORM.....</i>	<i>30</i>

1. Bid Form and Price Schedules

Date: _____

IFB N°: _____

**To: The Executive Engineer
Public Health Engineering Division
Jacobabad.**

Having examined the bidding documents including Addend a Nos. *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver *[description of goods and services]* in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to _____ percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring agency.

We agree to abide by this Bid for a period of *[number]* days from the date fixed for Bid opening under Clause 22 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency
_____	_____
_____	_____
(if none, state "none")	_____

We understand that you are not bound to accept the lowest or any bid you may receive.
Dated this day of 19.

[signature] _____ *[in the capacity of]* _____

Duly authorized to sign Bid for and on behalf of _____

2. Bid Security Form

Whereas *[name of the Bidder]* (hereinafter called “the Bidder”) has submitted its bid dated *[date of submission of bid]* for the supply of *[name and/or description of the goods]* (herein after called “the Bid”).

KNOW ALL PEOPLE by these presents that WE *[name of bank]* of *[name of country]*, having our registered office at *[address of bank]* (hereinafter called “the Bank”), are bound unto *[name of Procuring agency]* (here in after called “the Procuring agency”) in the sum off or which payment well and truly to be made to the said Procuring agency, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this day of 20

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by the Procuring agency during the period of bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders;

We undertake to pay to the Procuring agency up to the above amount upon receipt of its first writtendemand, without the Procuring agency having to substantiate its demand, provided that in its demand the Procuring agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including twenty eight (28) days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

[signature of the bank]

3.Contract Form

THIS AGREEMENT made the _____

day of _____

between [*Executive Engineer, Public Health Engineering Division Jacobabad*] of [*Pakistan Procuring agency*] (hereinafter called “the Procuring agency”) of the one part and [*name of Supplier*] of [*city and country of Supplier*] (here in after called “the Supplier”) of the other part:

WHEREAS the Procuring agency invited bids for certain goods and ancillary services, viz., [*brief description of goods and services*] and has accepted a bid by the Supplier for the supply of those good and services in the sum of [*contract price inwards and figures*] (herein after called “the Contract Price”).

NOW THIS AGREEMENT WITNESSES THE FOLLOWING:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

- (a) the Bid Form and the Price Schedule submitted by the Bidder;
- (b) the Schedule of Requirements;
- (c) the Technical Specifications;
- (d) the General Conditions of Contract;
- (e) the Special Conditions of Contract; and
- (f) the Procuring agency’s Notification of Award.

3. In consideration of the payments to be made by the Procuring agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring agency to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract

4. The Procuring agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, 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 where of the parties here to have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by the (for the Procuring agency)

Signed, sealed, delivered by the (for the Supplier)

4. Performance Security Form

To: *[name of Procuring agency]*

WHEREAS *[name of Supplier]* (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated _____ 20____ To supply *[description of goods and services]* (hereinafter called "the Contract").

AND WHERE AS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sums specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guaranty or sand responsible to you, on behalf of the Supplier, upto a total of *[amount of the guarantee in words and figures]*, and we under take to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit so *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the day of 20.

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

5. Bank Guarantee for Advance Payment

To: *[name of Procuring agency]*

[name of Contract]

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 16 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called "the Supplier") shall deposit with the Procuring agency a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not assure merely, the payment to the Procuring agency on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree at no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the Procuring agency and the Supplier, shall in any way release us from any liability under this guarantee, and where by we waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

6. Manufacturer's Authorization Form

[See Clause 13.3 (a) of the Instructions to Bidders.]

To: *[nameoftheProcuring agency]*

WHEREAS *[nameoftheManufacturer]* who are established and reputable manufacturer so *[nameand/or description of the goods]* having factories at *[addressoffactory]*

Do hereby authorize *[nameand addressofAgent]* to submit abid, and subsequently negotiate and sign the Contract with you against IFB No. *[reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[signatureforand on behalf of Manufacturer]

Note: This letter of authority should be on the letter head of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

SCHEDULE "B"

GROUP (A)

QADIR PUR TAULKA JACOBABAD

NAME OF WORK:

REHABILITAION OF RURAL WATER SUPPLY SCHEME QADIRPUR
TALUA JACOBABAD, JAHAN PUR DAU TAULKA GARHI KHAIO, PIYARO
KHOSO, MIR PUR BURIRO AND JUMO DAKHAN TALUKA THULL,
DISTRICRT JACOBABAD

PART-I:

REPAIR OF PUMP HOUSE FOR TUBE WELLS 2 NOS

Sr. No:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Dismantling of Cement Concrete plain (1:2:4) ratio (GSI 19 P-10)	32.00	3327.50	% Cft	1065.00
02	Providing Laying 3" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-41)	128.00	4411.82	% Sft	5647.00
03	Cement concrete plane i/c placing compacting finishing and curring complete i/c screening and washing of stone aggregate w/o shuttering (CSI nO.5 p-17) 1:2:4	55.13	14429.25	%Cft	7955.00
04	Cement plaster 1:4 upto 12' height 3/4" thick (CSI No:11 P-51)	1610.00	2283.93	% Sft	36566.00
05.	Pointing on stone work raised in cement mortar (1:3) (GSI NO.20 P-52)	120.00	1758.08	& Sft	2110.00
06	Preparing surface and painting door and window any type i/c edges 2 coats (GSI NO.5P-69)	139.00	1160.06	% Sft	1612.00
07	White washing three coats (CSI.NO.26 P-53)	565.00	829.95	% Sft	4689.00
08	White washing one coat (CSI.NO.25 P-59)	1280.00	416.63	% Sft	5333.00
09	Colour washing two coat (CSI.NO.25 P-5)	1280.00	859.00	% Sft	11007.00
				Total	75984.00

PART-II:

NEW PUMP HOUSE 8X8 FOR TUBE WELL 1 NO

Sr. No:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	140.00	3,176.05	P %oCft	445.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	55.81	9,416.28	P %Cft	5255.00
03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	105.00	17,723.0	P %Cft	18609.00

04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	142.18	25,321.0	P %Cft	36003.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	43.75	4,982.18	P %Sft	2180.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	233.25	12,674.36	P %Cft	29563.00
07	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	2.94	4928.49	P. Cwt	14490.00
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	70.68	337.00	P.cft	23819.00
09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	2.53	5001.70	Cwt	14155.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	140.62	1512.50	P%oCft	213.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	56.25	3275.50	P% Sfr	1842.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	665.25	2,283.93	P%Sft	15194.00
13	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	69.50	1,489.68	P %sft	1028.00
14	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	123.00	1758.08	P %Sft	2162.00
16	White washing three coat(CSI.NO.26 P-59)	64.00	829.95	P %Sft	531.00
	White washing one coat(CSINO25P-59)	665.30	416.63	P%Sft	2772.00
17	Color Washing two coats (CSI.NO.25 P-5)	665.30	859.90	P %Sft	7520.00
				Total	1,73,981.00

PART-III: NEW PUMP HOUSE 10X12 RAW WATER

SR. NO:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	188.00	3,176.05	P %oCft	597.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	87.42	9,416.28	P %Cft	8232.00

03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	141.00	17,723.0	P %Cft	24989.00
04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	190.93	25,321.0	P %Cft	48347.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	85.75	4,982.18	P %Sft	2927.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	323.25	12,674.36	P %Cft	40970.00
07	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	2.94	4928.49	P. Cwt	14490.00
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	105.54	337.00	P.cft	35567.00
09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	4.24	5001.70	Cwt	21207.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	409.68	1512.50	P%oCft	620.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	109.25	3275.50	P% Sfr	3578.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	905.25	2,283.93	P%Sft	20675.00
13	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	69.50	1,489.68	P %sft	1035.00
14	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	198.74	1758.08	P %Sft	3494.00
15	White washing three coat(CSI.NO.26 P-59)	120.00	829.95	P %Sft	996.00
16	White washing one coat(CSINO25P-59)	905.35	416.63	P%Sft	3772.00
17	Color Washing two coats (CSI.NO.25 P-5)	905.35	859.90	P %Sft	7784.00
				Total	2,39,280.00

PART-IV: NEW PUMP HOUSE 10X12 RAW WATER

SR. NO:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	285.00	3,176.05	P %oCft	905.00

02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	128.17	9,416.28	P %Cft	12069.00
03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	21.25	17,723.0	P %Cft	38149.00
04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	269.99	25,321.0	P %Cft	68364.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	89.99	4,982.18	P %Sft	4483.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	423.38	12,674.36	P %Cft	53661.00
07	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	3.96	4928.49	P. Cwt	19517.00
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	17.03	337.00	P.cft	46179.00
09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	5.50	5001.70	Cwt	27590.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	431.24	1512.50	P%oCft	652.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	172.50	3275.50	P% Sfr	5650.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	577.50	2,283.93	P%Sft	13178.00
13	Cement pointing struck joint on wall Ratio 1:3 (CSI.No.19 (b) P-53)	437.00	1,213.58	P %Sft	5303.00
14	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	93.50	1,489.68	P %sft	1393.00
15	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	229.25	1758.08	P %Sft	4030.00
16	White washing three coat(CSI.NO.26 P-59)	225.89	829.95	P %Sft	1875.00
17	White washing one coat(CSINO25P-59)	525.00	416.63	P%Sft	2404.00
18	Color Washing two coats (CSI.NO.25 P-5	1014.00	859.90	P %Sft	8719.00
10	Earth filling over roof i/c watering raiming with 1"mud plaster finished with goobri leeping (CSI.11,P-35)3" Think	273.38	734.14	P%Sft	2007.00
				Total	3,16,047.00

PART-V: DESILTING OF STORAGE TANKS N& REPAIR OF RCC SUMP

01	Earth work excavation in ashes sand soft soil or silt clearance undressed lead up to 50"(CSI.No,2,P-1)	60760.00	1663.75	%oCft	101089.00
02	Cement concrete Lining Ratio 1:3:6(CSI NO.11P-75)	8028.00	11920.43	% Cft	956972.00
03	Cement concrete Lining Ratio 1:2:4(CSI NO.11P-75)	8028.00	14227.95	% Cft	1142220.00
04	Excavation for pipelines in trnches and pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes providing face guards lights,flags and temperory crossing for non vehicular traffic where ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	1470.00	3600.00	%ocFT	5292.00
05	Excavation for pipelines in trenches and pits in wet soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes disposal surplus earth within one chain is directed by engineer incharge and providing face guards lights,flags and temperory crossing for non vehicular traffic where ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	857.50	5400.00	%OcFT	4631.00
06	Providing R.C.C Pipe of A.S.T.M C-76-62 T/C-76-70 Class wall B and fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing withwater to syerfied Pressure(PHSI.No.1,P-17) 12"dia	14.00	412.00	P.rft	57680.00
07	Refilling the exexcavated stuff in trenches 6" thick layer i/c watering ramming to full Compection etc complete (P.A.S.I No.24 P-77)	20.95	2760.00	%oCft	5782.00
		Total Rs.			22,73,666.00

PART-VI: TUBE WELLS 3 NOS

01	Borring for Tube Wells in all Waterbearingsoil from ground level up to 100' or 30.50 M Depth i/c sinking & withdrawing of casing pipe(PHSI No.1 P-No.36)	50.00	743	P. Rft	37150.00
02	Providing Strong substantailly built wooden locked box with compartments for preserving 2 Lbs (1 kg) samples stratas (PHSI No.5 P-No.36)	1	3530	P No.	3530.00
03	Taking & preserving in Box Pipe B 2 Lbs (1kg) sample of stratas from bore hole (PHSI No.6 P-No.36)	4.00	101/00	P sample	4040.00
04	Taking sample of water from bore hole and placing in two separate bottles (PHSI No. 7 P No. 37)	4.00	131/-	P.Sample	524.00
05	Supplying & Fixing PVC end Plug (SMI No. P. No.) 8" Dia	1	2,607/-	P Each	2607.00

06	Supplying & Installation PVC Strainer B Class of approved Design quality & make i/c necessary sockets etc complete 8" dia (RA Attached Based on Schedule)	26.26	554/05--	P.Rft	14549.00
07	Supplying & Installation PVC Blind Pipe B Class of approved Design quality & make i/c necessary sockets etc Complete 8" Dia (RA Attached Based on Schedule)	26.26	516/80	P.Rft	13571.00
08	Shrouding with fine graded bajri (3/8" to 1/8" or 9mm to 3mm in between bore and blind pipe of the following diameter of strainer (PHSI No.13 P no.38)	50.00	105/---	P. Rft	5250.00
09	Supplying and installing PVC end plug 8" dai(PHSI NO. 8 P-43)	1.00	1000.00	Each	1000.00
10	Development of tube well	50.00	200/-	P.Rft	10000.00
					78,585.00
For 3 Nos Tube Well @ Rs. 7858x 3			= Total Rs.		2,35,755.00

PART-VII: PUMPING MACHINERY TUBE WELL/RAW WATER 03 SETS

01	Supplying installing in position i/c transportation at site of work Electric pumping set consisting A.C Electric Motor (Siemens made) 10 BHP 2900 RPM coupled with ETA NORMS 40-200 size 2"x1-1/2" mounted on KSB steel frame or base plate capable of discharging 100 gallons against the head of 155 ft i/c installation of pumping set on c.c foundation 1:2:4 and (Ratio 1:4:8) with stone ballest with M.S nuts and bolts of 5/8" dia to be embedded in c.c foundation i/c providing & fixing Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (Shihlin Taiwan) cutout 60-A (China) Amp Meter (60/5A) (SELCO China) volt meter (500-V) (SELCO China) phase indication light (China) include Transformer oil (2 litter) panel board 18"x26"x9"and internal wiring etc: complete providing internal electric wiring from MCU to electric motor Providing and laying (MAIN or SB MAIN) PVC insulated with size 4-3/.036 copper conductor in 1" dia PVC conduit on surface i/c providing and fixing earthing set 0.6mx0.6m(2'x2'x1/4") copper plate buried in the ground at depth 3.7 m (12') as per Pak: PWD specification and testing the pumping set against the required head and discharge of 72 hours e.t.c complete.	1	292000.00	P/set	2,92,000.00
<u>SUCTION AND DELIVERY</u>					
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc: complete in all respect the high	48.00	178.00	P.Rft	8544.00

	density polythylene PE pipe (HDPE-100) for W/S confirming ISO confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051. .				
03	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)	0.53	6096.00	P. Cwt	3200.00
04	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)	0.21	6096.00	P. Cwt	1280.00
05	Flange Adopter 3" dia (N.S.I)	8.00`	675.00	Each	5400.00
06	G . I Pipe 3" dia	8.00	304.62	P.Rft	2432.00
07	BUTTFUSION JOINT 3" DIA	8.00	600.00	Each	4800.00
08	C.I Tail Piece with one end flanged and socket at the other end for all size (P.H.S (M) I. No 4 P/ 12)3" dia	1.05	6096.00	P. Cwt	6401.00
09	C.I sluice valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)3"dia	1.00	4290.00	Eaxh	4290.00
10	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch(P.H.S (M) I No 16 P/ 11) 3"dia	1.00	1543.75	Each	1544.00
11	C.I Foot valve heavy pattern with cone type gate (P.H.S (M) I No 4 P/ 10) 3"d	1.00	731.25	Each	731.00
12	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the and washers etc and other tools required for jointing and testing the	14.00	499.00	P,Joint	6986.00
				Total	3,37,608.00
			337608x3	=	10,12,824.00

PART-VIII: PUMPING MACHINERY FOR SETTLED TANK

01	Supplying installing in position i/c transportation at site of work Electric pumping set consisting A.C Electric Motor (Siemens made) 15 BHP 1450 RPM coupled with ETA NORMS 40-200 size 3"x2/2" mounted on KSB steel framme or base plate capable of discharging 140 gallons against the head of 140 ft i/c installation of pumping set on c.c foundation 1:2:4 and (Ratio 1:4:8) with stone ballest with M.S nuts and bolts of 5/8" dia to be embeded in c.c foundation i/c providing & fixing Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (Shihlin Taiwan) cutout 60-A (China) Amp Meter (60/5A) (SELCO China) volt meter (500-V) (SELCO China) phase indication light (China) indlude Transformer oil (2 litter) panel board 18"x26"x9"and internal wiring etc:	2	349000.00	P/set	698000.00
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	complete providing internal electric wiring from MCU to electric motor Providing and laying (MAIN or SB MAIN) PVC insulated with size 4-3/.036 copper conductor in 1" dia PVC cinduit on surface i/c providing and fixing earthing set 0.6mx0.6m(2'x2'x1/4") copper plate burried in the ground at depth 3.7 m (12') as per Pak: PWD specification and testing the pumping set against the required head and discharge of 72 hours e.t.c complete.				
	<u>SUCTION AND DELIVERY</u>				
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc: complete in all respect the high density polythylene PE pipe (HDPE-100) for W/S confirming ISO confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051. (G.S.I-1, P-25). 3" dia 90mm	54	178.00	P.Rft	9612.00
03	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)3"dia	0.65	6096.00	P. Cwt	3962.00
04	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11) 3"x2-1/2"	0.21	6096.00	P. Cwt	1257.00
05	Flange Adopter 3" dia (N.S.I)	13.00	675.00	Each	8775.00
06	G . I Pipe 3" dia	16.00	304.02	P.Rft	4864.00
07	BUTTFUSION JOINT 3" DIA	13.00	600.00	Each	7800.00
08	C.I Tee with one end flanged and socket at the other end for all size (P.H.S (M) I. No 4 P/ 12)3" dia	0.13	6096.00	P. Cwt	792.00
09	C.I sluice valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)3"dia	2.00	4290.00	Eaxh	8580.00
10	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch(P.H.S (M) I No 16 P/ 11) 3"dia	2.00	1543.75	Each	3088.00
11	C.I Foot valve heavy pattern with cone type gate (P.H.S (M) I No 4 P/ 10) 3"d	2.00	731.25	Each	1463.00
12	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the and washers etc and other tools required for jointing and testing the	14.00	499.00	P,Joint	6986.00
13	M.S flange 3/8" thick 3" dia	13.00	500.89	Each	6512.00
				Total	7,61,691.00

PART-IX: REPAIR OF PUMPING MACHIONARY

01	Rewinding of electric motor 3 phase 400/440 volts 50 cycles with best quality insolated copper wire of required i/c	1 NO	10141.00	Each	10141.00
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	testing on load with satisfactory result up to one wee time opening and refilling and replacing the bolts if necessary excluding the cost of warn out material (CSI NO.97 P-110)				
02	Supplying and fixing ball baring (NTN) for electric motor (MR)	1 set	1500.00	P.set	1500.00
03	Providing common steel frame or base plat (Approved Rate)	1 NO.	2000.00	Each	2000.00
04	Providing and fixing coupling set (Approved Rate)	1 NO.	1500.00	p.set	1500.00
05	P/F Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (shihlin Taiwan) cutout 60-A (china) Amp Meter (60/5A) (SELCO CHINA) volt meter (500-V) (SELCO china) Phase indication light (china) include Transformer oil (2 litter) panel board 18"x26"x9" and internal wiring etc: complete providing internal electric wiring	1 NO.	27800.00	Each	27800.00
06	Providing and laying (main or sub main) PVC insolated with 3-7.036 (4mm2) copper conductor in 3/4 " dia PVC conduit on surface. (E.S.I No.18-page NO.3)	22mtr	279.00	p.mtr	6138.00
07	Repair of centrifugal KSB pump i/c replacement of impeller ball bearing neck bushes, body bushes M.S Shaft stud nut bolt i/c labor charge and carriage charge etc: complete (M.R)	1 job	10000.00	p.job	10000.00
Total Rs.					59,079.00

PART-X: REPAIR OF TRANSFORMER

01	Supply of H-T coils for transformer	3.00	15000.00	p.coil	4500000
02	Supply of L-T coils for transformer	3.00	8000.00	p.coil	24000.00
03	Supply of transformer oil	80.00	180.00	P.Lit	14400.00
04	Labour charges disassembling assembling transformer uninstalling and installing the same i/c transpotation form to work shop and back 2 trips etc: complete.	1.00	5000.00	P.Job	5000.00
05	Providing & laying (MAIN OR SUB MAIN) PVC insulated with size 4-7/.052(10mm2) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required.(E.S.I-41,P-6).	183.00	566.00	56600.00	103578.00
Total Rs.					1,91,978.00

PART-XI: PVC PIPE LINE(R/MAIN DISTRIBUTION SYSTEM

01	Excavation for pipelines in trnches and pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes providing face guards	6638.00	3600.00	%OCFT	23897.00
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	lights, flags and temporary crossing for non vehicular traffic where-ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)				
02	Providing PVC Pipe of class "B"(equivalent make)fixing in trench i/c cutting fitting and jointion with"Z" joint with one rubber Rising i/c testing with water to head of 61 meter or 200 ft.(PHSI No:E1,P-22)			P.RFT	
	For 6" Dia	434.00	262..00		117308.00
	For 4" Dia	100.00	137.00		13700.00
	For 3" Dia	500.00	90.00		45000.00
03	Cast Iron Specials cost iron fitting for PVC pipe(PHSI(M)1-1P-Bend any degree (plain)				
	3" Dia	1	570.00		570.00
	4" Dia	1	812.00		812.00
	6" dia	2	1582.00		3164.00
	TEE PLAIN				
	3" Dia	1	771.00	Each	771.00
	4" Dia	2	1055.00		2110.00
	6" Dia	2	2029.00		4058.00
	PVC SOCKET				
	3" Dia	5	405.00		2025.00
	4" Dia	1	1125.00		1125.00
	6" Dia	4	1575.00		6300.00
	CI Gibault Joint				
	3" Dia	5	568-75	Each	2844.00
	4" Dia	4	731.25		2925.00
	6" Dia	4	1062.25		4250.00
	End Plug				
	3" Dia	1	382.00	Each	382.00
04	Making joint to PVC special fitting i/c laying of special and cost of solvent cement of required diameter and esting the joints along with PVC pipe line B,C & D class to the specified pesure and making good to all leaky joints etc cpmplete (GSI-1 P-41)				
	3"Dia	5	62.00	p.joint	310.00
	4" Dia	4	62.00		248.00
	6" dia	4	72.00	p.joint	288.00
05	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc.complete(PHSI.No.24,P-53)	7375.56	2760.00	%OCFT	20357.00
Total Rs.					2,48,844.00

ABSTRACT

Sr. No:	ITEM OF WORK	SCHEDULE "B" AMOUNT	NON SCHEDULE "B" AMOUNT	TOTAL AMOUNT
1	<u>REPAIR OF PUMP HOUSE FOR TUBE WELL 2 NOS</u>	75,984.00	-	75,984.00
2	PART-II: <u>NEW PUMP HOUSE SIZE 8x8 FOR TUBE WLL 1 NO</u>	1,73,981.00	-	1,73,981.00
3	PART-III: NEW PUMP HOUSE SIZE 10x12 FOR RAW WATER	2,39,280.00	-	2,39,280.00
4	PART-IV: CONSTRUCTION OF STAFF QUARTER	3,16,047.00	-	3,16,047.00
5	PART-V: DESILTING OF STORAGE TANKS	22,73,666.00	-	22,73,666.00
6	PART-VI: TUBE WELLS 3 NOS	2,35,755.00	-	2,35,755.00
7	PART-VII: PUMPING MACHINERY 10 BHP 3 SET	1,20,624.00	8,92,200.00	10,12,824.00
8	PART-VIII <u>PUMPING MACHINERY @ SETTLED TANK</u>	54,916.00	7,06,775.00	7,61,691.00
9	PART-IX: REPAIR OF PUMPING MACHINERY	16,279.00	42,800.00	59,079.00
10	PART-X: REPAIR OF TRANSFORMER	1,03,578.00	88,400.00	1,91,978.00
11	PART-XI: PVC PIPE LINE 9(RISING MAIN 7 DISTRIBUTION SYSTEM)	2,48,844.00	-	2,48,844.00
38,58,954.00		17,30,175.00		55,89,129.00

GROUP (B)

JAHAN PUR DAU TAULKA GARHI KHAIO

PART-I:

CONSTRUCTION OF DUG WELLS SIZE 10' DIA 3 NOS

Sr. No:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation for well in dry up to 20 ft below ground level & disposal soil with in one chain in ordinary soil	1570.00	2247.58	%oCft	3529.00
02	RCC work in foot slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respect ratio 1:2:4 cement sand shingle 1/8" to 1/4"	37.32	337.00	p.cft	24709.00
03	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	73.32	5001.70	p.cwt	19607.00
04	Pacca brick work in foundation and plinth in cement sand mortar 1:4 (CSINO4P-20)	1421.69	12501.41	% Cft	177731.00
05	Extra for pacca brick work in staining of walls in cement sand mortar.	1421.69	1131.63	% Cft	16088.00

06	Wet sinking of below spring level by means of drivers i/c all charges for shoring loading and removing excavation material within one chain(CSI NO:3P-87)				
	0.....5 depth	625.11	11763.80	%oCft	7354.00
	5.....10 depth	625.11	24200.00	%oCft	15128.00
	10.....15 depth	625.11	37230.77	%oCft	23273.00
	15.....20depth	625.11	50416.67	%oCft	31516.00
	20.....25 depth	625.11	66301.37	%oCft	41446.00
	25.....30 depth	625.11	84912.28	%oCft	53079.00
07	Cement plaster 1:3 up to 12" height ¾"	318.95	2795.30	% Sft	8916.00
				Total	422376.00
			422376x3	=	12,67,128.00

PART-II: REPAIR OF PUMP HOUSE FOR RAW WATER

Sr. No:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Dismantling of Cement Concrete Reinforcement work and sepatatinting of reinforcement from concrete cleaning and straightening the same (1:2:4) ratio	88.52	5545.00	% Cft	4908.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P16)	40.42	9416.28	% Cft	3806.00
03	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P24)	70.50	12674.36	% Cft	8935.00
04	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	3.96	4928.49	P. Cwt	19517.00
05	RCC work in foor slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respect ratio 1;2:4 cement sand shingle 1/8" to ¼"	105.17	337.00	P. Cft	35442.00
06	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	4.22	5001.70	P. Cwt	21107.00
07	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-41)	109.25	3275.50	% Sft	3578.00
08	Cement plaster 1:4 upto 12' height 3/4" thick (CSI No:11 P-51)	923.25	2283.93	% Sft	21086.00
09	Preparing new surface and painting with Plastic Emulsion of approved make(Old Surface) for doors & windows (CSI.NO.41 A P-55) Two coats	93.50	1489.68	% Sft	1393.00
10	White washing two coats (CSI.NO.26 P-59) Ceiling	120.00	425.84	% Sft	511.00
11	White washing one coat (CSI.NO.25 P-59) Quantity same as Cement Plaster	923.25	416.63	% Sft	3847.00
112	Colour washing two coat (CSI.NO.25 P-59) Quantity same as Cement Plaster	923.25	859.00	% Sft	7939.00
				Total	132069.00

PART-III: NEW PUMP HOUSE SIZE 8x8 FOR DUG QWLL

SR. NO:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P24)	151.26	12674.36	% Cft	19171.00
02	Extra for colour Brick masonry	132.14	1131.63	% Cft	1495.00
03	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	2.94	4928.49	P. Cwt	14490.00
04	RCC work in foor slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respect ratio 1;2:4 cement sand shingle 1/8" to 1/4"	100.65	337.00	P. Cft	33920.00
05	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	4.04	5001.70	P. Cwt	20207.00
06	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-41)	85.87	3275.50	% Cft	1928.00
07	Cement plaster 1:4 upto 12' height 3/4" thick (CSI No:11 P-51)	446.62	2283.93	% Sft	10200.00
08	Preparing new surface and painting with Plastic Emulsion of approved make(Old Surface) for doors & windows (CSI.NO.41 A P-55) Two coats	69.50	1489.68	% Cft	1028.00
09	White washing three coats (CSI.NO.26 P-59) Ceiling	2235.50	829.95	% Sft	1954.00
10	White washing one coat (CSI.NO.25 P-59) Quantity same as Cement Plaster	446.62	416.63	% Sft	1860.00
11	Colour washing two coat (CSI.NO.25 P-59) Quantity same as Cement Plaster	446.62	859.90	% Sft	3840.00
	For 5 Nos pump house @ Rs. 225944.0 x 5			Total Rs.	110093.00
			110093x3	=	3,30,279.00

PART-IV: CONSTRUCTION OF STAFF QUARTER

SR. NO:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	285.00	3,176.05	P %oCft	905.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	128.17	9,416.28	P %Cft	12069.00

03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	215.25	17,723.0	P %Cft	38149.00
04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	269.99	25,321.0	P %Cft	68364.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	89.99	4,982.18	P %Sft	4483.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	423.38	12,674.36	P %Cft	53661.00
07	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	3.96	4928.49	P. Cwt	19517.00
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	137.03	337.00	P.cft	46179.00
09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	5.50	5001.70	Cwt	27509.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	431.24	1512.50	P%oCft	652.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	172.50	3275.50	P% Sfr	5650.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	577.00	2,283.93	P%Sft	13176.00
13	Cement pointing struck joint on wall Ratio 1:3 (CSI.No.19 (b) P-53)	437.00	1,213.58	P %Sft	5303.00
14	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	93.50	1,489.68	P %sft	1393.00
15	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	229.25	1758.08	P %Sft	4030.00
16	White washing (CSI.NO.26 P-54)	525.00	416.63	P %Sft	2404.00
17	Ceilling Room Color Washing two coats (CSI.NO.25 P-5)	225.89	829.25	P%Sft	1875.00
17	Color Washing two coats (CSI.NO.25 P-5)	1014.00	859.90	P %Sft	8719.00
18	Earth filling over roof i/c watering raiming with 1"mud plaster finished with goobri leeping (CSI.11,P-35)3" Think	273.38	734.14	P%Sft	2007.00
				Total	3,16,047

PART-v: CONSTRUCTION OF DAMAGED PORATION OF C/WALL

01	Excavation in foundation of building bridges & other structures i/c dag-belling dressing refilling around the structure with excavated earth watering ramming lead upto one chain & lift up to 5 ft (CSI.No.18 P-4) Ordinary Soil	45.00	3176.25	%oCft	143.00
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02	CC Brick or stone ballast 1 ½" to 2" gauge (CSI.No.4 P-16) Ratio 1:4:8	9.00	9416.28	% Ccft	847.00
03	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	29.25	337.00	P.Cft	17356.00
04	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	2.06	5001.70	P.Cwt	10304.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	1833.00	4982.18	% sFT	91323.00
06	Pacca Brick work in other then binding i/c striking of joints up to 20" height in cement sand mortar 1:6 (CSI No:5 P21)	2036.31	12346.65	% Cft	251416.00
07	Cement pointing struck joint on wall Ratio 1:3 (CSI.No.19 (b) P-28)	4263.00	1213.58	% Sft	51735.00
08	Cement plaster 1:4 upto 12height 1/2" thick (CSI.NO.11P-57)	5487.00	2283.93	% Sft	125319.00
09	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.30 P-58)	4888.00	1758.08	% Sft	85935.00
11	Making & fixing steel grated door with 1/16" thick sheet i/c angle iron frame 2x2x3 & 3/4" square bars @ 4" C/C with locking arrangements (CSI NO.24 P-97)	60.00	726.72	P.Sft	43603.00
12	White washing one coat (CSI.NO.25 P-59 Quantity same as Item No 7 & 8 Cement Plaster	9750.00	416.63	% Sft	40621.00
13	Colour washing two coat (CSI.NO.25 P-5)	9750.00	859.90	% Sft	83840.00
14	Preparing surface and pointing of doors and windows any type i/c edge (CSI.NO.5 C P-76)	120.00	1489.68	% Sft	1788.00
Total Rs.					8,04,230.00

PART-VI: DESILTING OF STORAGE TANKS N& REPAIR OF RCC SUMP

01	Earth work excavation in ashes sand soft soil or silt clearance undressed lead up to 50"(CSI.No,2,P-1)	52250.00	1663.75	%oCft	86931/00
02	Excavation for pipelines in trnches and pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes providing face guards lights,flags and temperory crossing for non vehicular traffic where-ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	1312.50	3600.00	%ocFT	4275.00

03	Excavation for pipelines in trenches and pits in wet soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes disposal surplus earth within one chain is directed by engineer incharge and providing face guards lights, flags and temporary crossing for non vehicular traffic wherever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	765.63	5400.00	%OcFT	4134.00
04	Providing R.C.C Pipe of A.S.T.M C-76-62 T/C-76-70 Class wall B and fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing with water to syerfied Pressure(PHSI.No.1,P-17)	125.00	412.00	p.Rft	51500.00
05	Refilling the excecuted stuff in trenches 6" thick layer i/c watering ramming to full Compection etc complete (P.A.S.I No.24 P-77)	2078.13	2760.00	%oCft	5736.00
06	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	56.52	337.00	P.Cft	19047.00
07	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	2.27	5001.70	P.Cwt	11354.00
08	Cement plaster 1:4 upto 12height 1/2" thick (CSI.NO.11P-57)	229.22	2283.93	%oSft	524.00
				Total Rs.	1,83,951.00

PART-VII: PUMPING MACHINERY 03 SETS

01	Supplying installing in position i/c transportation at site of work Electric pumping set consisting A.C Electric Motor (Siemens made) 10 BHP 2900 RPM coupled with ETA NORMS 40-200 size 2"x1-1/2" mounted on KSB steel framme or base plate capable of discharging 100 gallons against the head of 155 ft i/c installation of pumping set on c.c foundation 1:2:4 and (Ratio 1:4:8) with stone ballest with M.S nuts and bolts of 5/8" dia to be embedded in c.c foundation i/c providing & fixing Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (Shihlin Taiwan) cutout 60-A (China) Amp Meter (60/5A) (SELCO China) volt meter (500-V) (SELCO China) phase indication light (China) include Transformer oil (2 litter) panel board 18"x26"x9"and internal wiring etc: complete providing internal electric	1	292000.00	P/set	2,92,000.00
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	wiring from MCU to electric motor Providing and laying (MAIN or SB MAIN) PVC insulated with size 4-3/.036 copper conductor in 1" dia PVC conduit on surface i/c providing and fixing earthing set 0.6mx0.6m(2'x2'x1/4") copper plate buried in the ground at depth 3.7 m (12') as per Pak: PWD specification and testing the pumping set against the required head and discharge of 72 hours e.t.c complete.				
	<u>SUCTION AND DELIVERY</u>				
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc: complete in all respect the high density polyethylene PE pipe (HDPE-100) for W/S confirming ISO confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051. (G.S.I-1, P-25).	48.00	178.00	P.Rft	8544.00
03	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)	0.53	6096.00	P. Cwt	3200.00
04	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)	0.21	6096.00	P. Cwt	1280.00
05	Flange Adopter 3" dia (N.S.I)	8.00`	675.00	Each	5400.00
06	G . I Pipe 3" dia	8.00	304.62	P.Rft	2432.00
07	BUTTFUSION JOINT 3" DIA	8.00	600.00	Each	4800.00
08	C.I Tail Piece with one end flanged and socket at the other end for all size (P.H.S (M) I. No 4 P/ 12)3" dia	1.05	6096.00	P. Cwt	6401.00
09	C.I sluice valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)3" dia	1.00	4290.00	Eaxh	4290.00
10	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch(P.H.S (M) I No 16 P/ 11) 3" dia	1.00	1543.75	Each	1544.00
11	C.I Foot valve heavy pattern with cone type gate (P.H.S (M) I No 4 P/ 10) 3"d	1.00	731.25	Each	731.00
12	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the and washers etc and other tools required for jointing and testing the	14.00	499.00	P,Joint	6986.00
				Total	3,37,608.00
			337608x2	=	6,75,216.00

PART-VIII: PUMPING MACHINERY FOR SETTLED TANK

01	Supplying installing in position i/c transportation at site of work Electric pumping set consisting A.C Electric Motor (Siemens made) 15 BHP 1450 RPM coupled with ETA NORMS	2	349000.00	P/set	698000.00
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	40-200 size 3"x2/2" mounted on KSB steel frame or base plate capable of discharging 140 gallons against the head of 140 ft i/c installation of pumping set on c.c foundation 1:2:4 and (Ratio 1:4:8) with stone ballest with M.S nuts and bolts of 5/8" dia to be embeded in c.c foundation i/c providing & fixing Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (Shihlin Taiwan) cutout 60-A (China) Amp Meter (60/5A) (SELCO China) volt meter (500-V) (SELCO China) phase indication light (China) include Transformer oil (2 litter) panel board 18"x26"x9"and internal wiring etc: complete providing internal electric wiring from MCU to electric motor Providing and laying (MAIN or SB MAIN) PVC insulated with size 4-3/.036 copper conductor in 1" dia PVC cinduit on surface i/c providing and fixing earthing set 0.6mx0.6m(2'x2'x1/4") copper plate burried in the ground at depth 3.7 m (12') as per Pak: PWD specification and testing the pumping set against the required head and discharge of 72 hours e.t.c complete.				
	<u>SUCTION AND DELIVERY</u>				
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc: complete in all respect the high density polythylene PE pipe (HDPE-100) for W/S confirming ISO confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051. (G.S.I-1, P-25). 3" dia 90mm	54	178.00	P.Rft	9612.00
03	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)3"dia	0.65	6096.00	P. Cwt	3962.00
04	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11) 3"x2-1/2"	0.21	6096.00	P. Cwt	1257.00
05	Flange Adopter 3" dia (N.S.I)	13.00	675.00	Each	8775.00
06	G . I Pipe 3" dia	16.00	304.02	P.Rft	4864.00
07	BUTTFUSION JOINT 3" DIA	13.00	600.00	Each	7800.00
08	C.I Tee with one end flanged and socket at the other end for all size (P.H.S (M) I. No 4 P/ 12)3" dia	0.13	6096.00	P. Cwt	792.00
09	C.I sluice valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)3"dia	2.00	4290.00	Eaxh	8580.00
10	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch(P.H.S (M) I No 16 P/ 11) 3"dia	2.00	1543.75	Each	3088.00
11	C.I Foot valve heavy pattern with cone type gate (P.H.S (M) I No 4 P/ 10) 3"d	2.00	731.25	Each	1463.00

12	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the and washers etc and other tools required for jointing and testing the	14.00	499.00	P,Joint	6986.00
13	M.S flange 3/8" thick 3" dia	13.00	500.89	Each	6512.00
				Total	7,61,691.00
			761691x2	=	15,23,382.00

PART-IX: REPAIR OF TRANSFORMER

01	Supply of H-T coils for transformer	3.00	15000.00	p.coil	45000.00
02	Supply of L-T coils for transformer	3.00	8000.00	p.coil	24000.00
03	Supply of transformer oil	80.00	180.00	P.Lit	14400.00
04	Labour charges disassembling assembling transformer uninstalling and installing the same i/c transpotation form to work shop and back 2 trips etc: complete.	1.00	5000.00	P.Job	5000.00
05	Providing & laying (MAIN OR SUB MAIN) PVC insulated with size 4-7/.052(10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required.(E.S.I-41,P-6).	100.00	566.00	56600.00	
			Total Rs.		1,45,000.00

PART-X: PVC PIPE LINE(R/MAIN DISTRIBUTION SYSTEM

01	Excavation for pipelines in trnches and pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes providing face guards lights,flags and temperory crossing for non vehicular traffic where-ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	35470.00	3600.00	%OCFT	127692.00
02	Providing PVC Pipe of class "B"(equivalent make)fixing in trench i/c cutting fitting and jointion with"Z" joint with one rubber Rising i/c testing with water to head of 61 meter or 200 ft.(PHSI No:E1,P-22)			P.RFT	
	For 6" Dia	2710.00	440.00		1192400.00
	For 4" Dia	250.00	137.00		34250.00
	For 3" Dia	2500.00	90.00		225000.00
03	Supplying and installing MS blind pipe 3/16" (5mm) thick of best and approved quality and make i/c necessary sockets etc complete (PHED I No. 11P 44) 6" dia	40.00	362.50	P.Rft	30500.00
03	Cast Iron Specials cast iron fitting for PVC pipe(PHSI(M)1-1P-Bend any degree (plain)			Each	
	3" Dia	10	570.00		5700.00
	4" Dia	2	812.00		1624.00

	TEE PLAIN				
	3" Dia	23	771.00		17733.00
	4" Dia	4	1055.00		4220.00
	PVC SOCKET				
	3" Dia	6	405.00		2430.00
	4" Dia		1125.00		5652.00
	CI Gibault Joint				
	3" Dia	10	568-75	Each	5688.00
	4" Dia	5	731.25		3656.00
	End Plug				
	3" Dia	4	382.00		1528.00
	C I Bend with flanged				
	6" Dia	2	2400.00		4800.00
	BLANK FLANGES				
	6" Dia	2	500.00	Each	1000.00
	P.E elbow 90" 160				
	6" Dia	2	3480.00		6960.00
	P.E tee 160				
	6" Dia	2	4175.00		8350.00
	But function joint 6" Dia	6	1000.00		6000.00
	Flange adopter 6" Dia	4	2025.00		8100.00
04	Making joint to PVC special fitting i/c laying of special and cost of solvent cement of required diameter and esting the joints along with PVC pipe line B,C & D class to the specified pesure and making good to all leaky joints etc cpmplete (GSI-1 P-41)				
	3"Dia	10	62.00	p.joint	620.00
	4" Dia	6	62.00		372.00
05	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc.complete(PHSI.No.24,P-5)	31923.00	2760.00	%0CFT	88107.00
Total Rs.					17,82,355/00

ABSTRACT

Sr. No:	ITEM OF WORK	SCHEDULE "B" AMOUNT	NON SCHEDULE "B" AMOUNT	TOTAL AMOUNT
1	CONSTRUCTION OF DUG WELLS SIZE 10' DIA 3 NOS	12,67,128.00	-	12,67,128.00
2	REPAIR OF PUMP HOUSE FOR RAW WATER	1,32,069.00	-	1,32,069.00
3	PART-III: NEW PUMP HOUSE SIZE 8x8 FOR DUG QWLL	3,30,279.00	-	3,30,279.00
4	PART-IV: CONSTRUCTION OF STAFF QUARTER	3,16,047.00	-	3,16,047.00
5	PART-V: CONSTRUCTION OF DAMAGED PORATION OF C/WALL	8,04,230.00	-	8,04,230.00
6	PART-VI: DESILTING OF STORAGE TANKS N& REPAIR OF RCC SUMP	1,83,951.00	-	1,83,951.00
7	PART-VII: PUMPING MACHINERY 03 SETS	1,20,624.00	8,92,200.00	10,12,824.00
8	PUMPING MACHINERY FOR SETTLED TANK	1,09,832.00	14,13,550.00	15,23,382.00

9	PART-IX: REPAIR OF TRANSFORMER	56,600.00	88,400.00	1,45,000.00
10	PART-X: PVC PIPE LINE(R/MAIN DISTRIBUTIONSYSTEM	17,74,255.00	8,100.00	17,82,355.00
50,95,015		24,02,250		74,97,265.00

GROUP (C)**PIYARO HOSO TAULKA THULL****PART-I:****NEW PUMP HOUSE 8X8 FOR TUBE WELL 2 NO**

SR. No:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	140.00	3,176.05	P %oCft	445.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	55.81	9,416.28	P %Cft	5255.00
03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	105.00	17,723.0	P %Cft	18609.00
04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	142.18	25,321.0	P %Cft	36003.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	43.75	4,982.18	P %Sft	2180.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	233.25	12,674.36	P %Cft	29563.00
07	Maing and fixing steel grated door complete with locking arrangement angle iron frame 2'x2'x3/8' 7 3/4' sq bars 4' TO CENTER9CSI NO.23 P92.	22.75	726.72	P.Sft	16533.00
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	70.68	337.00	P.cft	23819.00
09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	2.53	5001.70	Cwt	14155.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	140.62	1512.50	P%oCft	213.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	56.25	3275.50	P% Sfr	1842.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	665.25	2,283.93	P%Sft	15194.00
13	Fabrication of heavy steel reinforcement	1.017	4928.49	p.cwt	5012.00

	for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)				
14	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	69.50	1,489.68	P %sft	1028.00
15	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	123.00	1758.08	P %Sft	2162.00
16	White washing three coat(CSI.NO.26 P-59)	64.00	829.95	P %Sft	531.00
17	White washing one coat(CSINO25P-59)	665.30	416.63	P%Sft	2772.00
18	Color Washing two coats (CSI.NO.25 P-5	665.30	859.90	P %Sft	5720.00
				Total	181036.00
			181036x2	=	3,62,027.00

PART-II: CONSTRUCTION OF STAFF QUARTER

SR. NO:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	285.00	3,176.05	P %oCft	905.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	128.17	9,416.28	P %Cft	12069.00
03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	21.25	17,723.0	P %Cft	38149.00
04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	269.99	25,321.0	P %Cft	68364.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	89.99	4,982.18	P %Sft	4483.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	423.38	12,674.36	P %Cft	53661.00
07	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	3.96	4928.49	P. Cwt	19517.00
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	17.03	337.00	P.cft	46179.00

09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	5.50	5001.70	Cwt	27590.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	431.24	1512.50	P%oCft	652.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	172.50	3275.50	P% Sfr	5650.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	577.50	2,283.93	P%Sft	13178.00
13	Cement pointing struck joint on wall Ratio 1:3 (CSI.No.19 (b) P-53)	437.00	1,213.58	P %Sft	5303.00
14	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	93.50	1,489.68	P %sft	1393.00
15	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	229.25	1758.08	P %Sft	4043.00
16	White washing three coat(CSI.NO.26 P-59)	225.89	829.95	P %Sft	187.00
	White washing one coat(CSINO25P-59)	525.00	416.63	P%Sft	2404.00
	White washing three coat(CSINO25P-59)	225.89	829.95	%sft	1875.00
17	Color Washing two coats (CSI.NO.25 P-5)	1014.00	859.90	P %Sft	8719.00
18	Earth filling over roof i/c watering raiming with 1"mud plaster finished with goobri leeping (CSI.11,P-35)3" Think	273.38	734.14	P%Sft	2007.00
				Total	3,16,047.00

PART-III: TUBE WELLS 2 NOS

01	Borring for Tube Wells in all Waterbearingsoil from ground level up to 100' or 30.50 M Depth i/c sinking & withdrawing of casing pipe(PHSI No.1 P-No.36)	75.00	743	P. Rft	55725.00
02	Providing Strong substantailly built wooden locked box with compartments for preserving 2 Lbs (1 kg) samples stratas (PHSI No.5 P-No.36)	1	3530	P No.	3530.00
03	Taking & preserving in Box Pipe B 2 Lbs (1kg) sample of stratas from bore hole (PHSI No.6 P-No.36)	8.00	101/00	P sample	808.00
04	Taking sample of water from bore hole and placing in two separate bottles (PHSI No. 7 P No. 37)	4.00	131/-	P.Sample	524.00
05	Supplying & Fixing PVC end Plug (SMI No. P. No.) 8" Dia	1	2,607/-	P Each	2607.00
06	Supplying & Installation PVC Strainer B Class of approved Design quality & make i/c necessary sockets etc complete 8" dia (RA Attached Based on Schedule)	44.00	554/05--	P.Rft	24378.00
07	Supplying & Installation PVC Blind Pipe B Class of approved Design quality & make i/c necessary sockets etc Complete 8" Dia (RA Attached Based on Schedule)	26.00	516/80	P.Rft	13437.00
08	Shrouding with fine graded bajri (3/8" to 1/8" or 9mm to 3mm in between bore and blind pipe of the following diameter of strainer	70.00	105/---	P. Rft	7350.00

	(PHSI No.13 P no.38)				
09	Supplying and installing PVC end plug 8" dai(PHSI NO. 8 P-43)	1.00	1000.00	Each	1000.00
10	Development of tube well	70.00	200/-	P.Rft	14000.00
					123359.00
For 2 Nos Tube Well @ Rs. 123359x 2			= Total Rs.		246718.00

PART-IV: PUMPING MACHINERY TUBE WELL 02 SETS

01	Supplying installing in position i/c transportation at site of work Electric pumping set consisting A.C Electric Motor (Siemens made) 10 BHP 2900 RPM coupled with ETA NORMS 40-200 size 2"x1-1/2" mounted on KSB steel frame or base plate capable of discharging 100 gallons against the head of 155 ft i/c installation of pumping set on c.c foundation 1:2:4 and (Ratio 1:4:8) with stone ballest with M.S nuts and bolts of 5/8" dia to be embeded in c.c foundation i/c providing & fixing Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (Shihlin Taiwan) cutout 60-A (China) Amp Meter (60/5A) (SELCO China) volt meter (500-V) (SELCO China) phase indication light (China) include Transformer oil (2 litter) panel board 18"x26"x9"and internal wiring etc: complete providing internal electric wiring from MCU to electric motor Providing and laying (MAIN or SB MAIN) PVC insulated with size 4-3/.036 copper conductor in 1" dia PVC conduit on surface i/c providing and fixing earthing set 0.6mx0.6m(2'x2'x1/4") copper plate burried in the ground at depth 3.7 m (12') as per Pak: PWD specification and testing the pumping set against the required head and discharge of 72 hours e.t.c complete.	1	292000.00	P/set	2,92,000.00
<u>SUCTION AND DELIVERY</u>					
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc: complete in all respect the high density polythylene PE pipe (HDPE-100) for W/S confirming ISO confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051. (G.S.I-1, P-25).	48.00	178.00	P.Rft	8544.00
03	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)	0.53	6096.00	P. Cwt	3200.00
04	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes	0.21	6096.00	P. Cwt	1280.00

	(P.H.S. (M) I. No 7 P/ 11)				
05	Flange Adopter 3" dia (N.S.I)	8.00`	675.00	Each	5400.00
06	G . I Pipe 3" dia	8.00	304.62	P.Rft	2432.00
07	BUTTFUSION JOINT 3" DIA	8.00	600.00	Each	4800.00
08	C.I Tail Piece with one end flanged and socket at the other end for all size (P.H.S (M) I. No 4 P/ 12)3" dia	1.05	6096.00	P. Cwt	6401.00
09	C.I sluice valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)3"dia	1.00	4290.00	Each	4290.00
10	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch(P.H.S (M) I No 16 P/ 11) 3"dia	1.00	1543.75	Each	1544.00
11	C.I Foot valve heavy pattern with cone type gate (P.H.S (M) I No 4 P/ 10) 3"d	1.00	731.25	Each	731.00
12	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the and washers etc and other tools required for jointing and testing the	14.00	499.00	P,Joint	6986.00
				Total	337608.00
			337608x2	=	6,75,216.00

PART-V: REPAIR OF TRANSFORMER

01	Supply of H-T coils for transformer	3.00	15000.00	p.coil	45000.00
02	Supply of transformer oil	80.00	180.00	P.Lit	14400.00
03	Labour charges disassembling assembling transformer uninstalling and installing the same i/c transpotation form to work shop and back 2 trips etc: complete.	1.00	5000.00	P.Job	5000.00
04	Providing & laying (MAIN OR SUB MAIN) PVC insulated with size 4-7/.052(10mm2) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required.(E.S.I-41,P-6).	80.00	566.00	56600.00	42580.00
			Total Rs.		1,09,680.00

PART-VI: PVC PIPE LINE(R/MAIN DISTRIBUTION SYSTEM

01	Excavation for pipelines in trnches and pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes providing face guards lights,flags and temperory crossing for non vehicular traffic where-ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	56400.00	3600.00	%0CFT	203040.00
02	Providing PVC Pipe of class "B"(equivalent make)fixing in trench i/c cutting fitting and jointion with"Z" joint with one rubber Rising i/c testing with water to head of 61 meter or 200 ft.(PHSI No:E1,P-22)			P.RFT	

	For 6" Dia	3000.00	440.00		1320000.00
	For 4" Dia	1000.00	137.00		137000.00
	For 3" Dia	4000.00	90.00		441000.00
03	Supplying and installing M.S pipe 3/16" thick of best and approved quality and me i/c necessary socets etc complete(Based on schedule item) 6" dia	80.00	79.34	P.Rft	59947.00
03	Cast Iron Specials cost iron fitting for PVC pipe(PHSI(M)1-1P-Bend any degree (plain)			Each	
	3" Dia	4	570.00		2280.00
	4" Dia	2	812.00		1624.00
	TEE PLAIN				
	3" Dia	5	771.00		3855.00
	4" Dia	2	1055.00		2110.00
	PVC SOCKET				
	3" Dia	18	405.00		7290.00
	4" Dia	8	1125.00		9000.00
	CI Gibault Joint				
	3" Dia	6	568.75	Each	3413.00
	4" Dia	6	731.25	Each	4388.00
	6" Dia	8	1062.25		8500.00
	End Plug				
3" Dia	10	382.00		3820.00	
04	Making joint to PVC special fitting i/c laying of special and cost of solvent cement of required diameter and esting the joints along with PVC pipe line B,C & D class to the specified pesure and making good to all leaky joints etc cplete (GSI-1 P-41)				
	3"Dia	18	59.00	p.joint	1062.00
	4" Dia	8	70.00	p.joint	560.00
	6" dia	4	96.00	p.joint	384.00
	P.E elbow 90 o 6" dia P.N 8	3	3480.00	Each	10440.00
	BUTTFUSION JOINT 3" DIA	7	1000.00	Each	7000.00
	P.E tee 6: dia P.N 08	2	4175.00	Each	8350.00
	Flange adopter 6"dia	2	2025.00	Each	4050.00
05	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc.complete(PHSI.No.24,P-53)	50760.00	2760.00	%OCFT	140098.00
Total Rs.					23,79,211.00

A B S T R A C T

Sr. No:	ITEM OF WORK	SCHEDULE "B" AMOUNT	NON SCHEDULE "B" AMOUNT	TOTAL AMOUNT
1	PART-I: NEW PUMP HOUSE 8x8 FOR TUBE WELL 2 NO	3,62,072.00	-	3,62,072.00
2	PART-II: CONSTRUCTION OF STAFF QUARTER	3,16,047.00	-	3,16,047.00
3	PART-III: TUBE WELLS 2 NOS	2,46,718.00	-	2,46,718.00
4	PART-IV: PUMPING MACHINERY TUBE WELL 02 SETS	80,416.00	5,94,800.00	6,75,216.00

5	PART-V: REPAIR OF TRANSFORMER	42,580.00	67,100.00	1,09,680.00
6	PART-VI: PVC PIPE LINE(R/MAIN DISTRIBUTION SYSTEM	23,75,161.00	4,050.00	23,79,211.00
	TOTAL	36,22,994.00	6,65,950.00	40,88,944.00

GROUP (D)**MIR PUR BURIRIO TAULKA THULL****PART-I:****REPAIR PUMP HOUSE FOR TUBE WELL**

Sr. No:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Dismantling of Cement Concrete plain (1:2:4) ratio (GSI 19 P-10)	4.00	3327.50	% Cft	2130.00
02	Providing Laying 3" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-41)	256.00	4411.82	% Sft	11294.00
03	Cement concrete plane i/c placing compacting finishing and curring complete i/c screening and washing of stone aggregate w/o shuttering (CSI nO.5 p-17) 1:2:4	55.13	14429.25	%Cft	7955.00
04	Maing and fixing steel grated door complete with locking arrangement angle iron frame 2'x2'x3/8' 7 3/4' sq bars 4' TO CENTER9CSI NO.23 P92.	91.00	726.72	p.sft	66132.00
05	Cement plaster 1:4 upto 12' height 3/4" thick (CSI No:11 P-51)	1831.00	2283.93	% Sft	41830.00
06	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	8.97	4928.49	p.cwt	44209.00
07	Pointing on stone work raised in cement mortar (1:3) (GSI NO.20 P-52)	240.00	1758.08	& Sft	4219.00
08	Preparing surface and painting door and window any type i/c edges 2 coats (GSI NO.5P-69)	278.00	1489.68	% Sft	4141.00
09	White washing three coats (CSI.NO.26 P-53)	424.00	829.95	% Sft	3519.00
10	White washing one coat (CSI.NO.25 P-59)	1762.00	416.63	% Sft	7341.00
11	Colour washing two coat (CSI.NO.25 P-5)	1762.00	859.00	% Sft	15151.00
				Total	2,07,921.00

PART-II: TUBE WELLS 4 NOS

01	Borring for Tube Wells in all Waterbearingsoil from ground level up to 100' or 30.50 M Depth i/c sinking & withdrawing of casing pipe(PHSI No.1 P-No.36)	65.00	743	P. Rft	48295.00
02	Providing Strong substantailly built wooden locked box with compartments for preserving 2 Lbs (1 kg) samples stratas (PHSI No.5 P-No.36)	1	3530	P No.	3530.00

03	Taking & preserving in Box Pipe B 2 Lbs (1kg) sample of stratas from bore hole (PHSI No.6 P-No.36)	4.00	101/00	P sample	404.00
04	Taking sample of water from bore hole and placing in two separate bottles (PHSI No. 7 P No. 37)	4.00	131/-	P.Sample	524.00
05	Supplying & Fixing PVC end Plug (SMI No. P. No.) 8" Dia	1	2,607/-	P Each	2607.00
06	Supplying & Installation PVC Strainer B Class of approved Design quality & make i/c necessary sockets etc complete 8" dia (RA Attached Based on Schedule)	34.00	554/05--	P.Rft	18838.00
07	Supplying & Installation PVC Blind Pipe B Class of approved Design quality & make i/c necessary sockets etc Complete 8" Dia (RA Attached Based on Schedule)	26.00	516/80	P.Rft	13437.00
08	Shrouding with fine graded bajri (3/8" to 1/8" or 9mm to 3mm in between bore and blind pipe of the following diameter of strainer (PHSI No.13 P no.38)	60.00	105/---	P. Rft	6300.00
09	Supplying and installing PVC end plug 8" dai(PHSI NO. 8 P-43)	1.00	1000.00	Each	1000.00
10	Development of tube well	60.00	200/-	P.Rft	12000.00
					1,06,935.00
					106935x4 =
					4,27,740.00

PART-III: PUMPING MACHINERY TUBE WELL 03 SETS

01	Supplying installing in position i/c transportation at site of work Electric pumping set consisting A.C Electric Motor (Siemens made) 10 BHP 2900 RPM coupled with ETA NORMS 40-200 size 2"x1-1/2" mounted on KSB steel frame or base plate capable of discharging 100 gallons against the head of 155 ft i/c installation of pumping set on c.c foundation 1:2:4 and (Ratio 1:4:8) with stone ballast with M.S nuts and bolts of 5/8" dia to be embedded in c.c foundation i/c providing & fixing Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (Shihlin Taiwan) cutout 60-A (China) Amp Meter (60/5A) (SELCO China) volt meter (500-V) (SELCO China) phase indication light (China) include Transformer oil (2 litter) panel board 18"x26"x9"and internal wiring etc: complete providing internal electric wiring from MCU to electric motor Providing and laying (MAIN or SB MAIN) PVC insulated with size 4-3/.036 copper conductor in 1" dia PVC conduit on surface i/c providing and fixing earthing set 0.6mx0.6m(2'x2'x1/4") copper plate buried in the ground at depth 3.7 m (12') as per Pak: PWD specification and testing the pumping set against the required head and discharge of 72 hours e.t.c complete.	1	292000.00	P/set	2,92,000.00
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<u>SUCTION AND DELIVERY</u>					
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc: complete in all respect the high density polythylene PE pipe (HDPE-100) for W/S confirming ISO confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051. (G.S.I-1, P-25).	48.00	178.00	P.Rft	8544.00
03	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)	0.53	6096.00	P. Cwt	3200.00
04	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)	0.21	6096.00	P. Cwt	1280.00
05	Flange Adopter 3" dia (N.S.I)	8.00`	675.00	Each	5400.00
06	G . I Pipe 3" dia	8.00	304.62	P.Rft	2432.00
07	BUTTFUSION JOINT 3" DIA	8.00	600.00	Each	4800.00
08	C.I Tail Piece with one end flanged and socket at the other end for all size (P.H.S (M) I. No 4 P/ 12)3" dia	1.05	6096.00	P. Cwt	6401.00
09	C.I sluice valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)3"dia	1.00	4290.00	Eaxh	4290.00
10	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch(P.H.S (M) I No 16 P/ 11) 3"dia	1.00	1543.75	Each	1544.00
11	C.I Foot valve heavy pattern with cone type gate (P.H.S (M) I No 4 P/ 10) 3"d	1.00	731.25	Each	731.00
12	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the and washers etc and other tools required for jointing and testing the	14.00	499.00	P,Joint	6986.00
				Total	3,37,608.00
			337608x4	=	13,50,432.00

PART-IV: REPAIR OF TRANSFORMER

01	Supply of H-T coils for transformer	3.00	15000.00	p.coil	45000.00
02	Supply of L-T coils for transformer	3.00	8000.00	p.coil	24000.00
03	Supply of transformer oil	80.00	180.00	P.Lit	14400.00
04	Labour charges disassembling assembling transformer uninstalling and installing the same i/c transpotation form to work shop and back 2 trips etc: complete.	1.00	5000.00	P.Job	5000.00
05	Providing & laying (MAIN OR SUB MAIN) PVC insulated with size 4-7/.052(10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required.(E.S.I-41,P-6).	150.00	566.00	56600.00	84900.00
			Total Rs.		173300.00

PART-V: PVC PIPE LINE(R/MAIN DISTRIBUTION SYSTEM

01	Excavation for pipelines in trnches and pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes providing face guards lights,flags and temperory crossing for non vehicular traffic where-ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	47769.00	3600.00	%0CFT	171968.00
02	Providing PVC Pipe of class "B"(equivalent make)fixing in trench i/c cutting fitting and jointion with"Z" joint with one rubber Rising i/c testing with water to head of 61 meter or 200 ft.(PHSI No:E1,P-22)			P.RfT	
	For 3" Dia	4744.00	90.00		246960.00
	For 4" Dia	1000.00	137.00		137000.00
03	Supplying and installing M.S blind pipe 3/16" (5mm) thick of best and approved quality and make i/c necessary sockets etc: complete (PHEDI NO. 11 p44) 6" dia	80.00	762.00	p.rft	61000.00
04	Cast Iron Specials cost iron fitting for PVC pipe(PHSI(M)1-1P-Bend any degree (plain)				
	3" Dia	5	570.00		2850.00
	4" Dia	2	812.00		1624.00
	TEE PLAIN				
	3" Dia	8	771.00	Each	6168.00
	4" Dia	2	1055.00		2110.00
	PVC SOCKET				
	3" Dia	13	405.00		5265.00
	4" Dia	5	1125.00		5625.00
	CI Gibault Joint				
	3" Dia	13	568-75	Each	7394.00
	4" Dia	5	731.25		3656.00
	End Plug				
	3" Dia	2	382.00	Each	764.00
05	Making joint to PVC special fitting i/c laying of special and cost of solvent cement of required diameter and esting the joints along with PVC pipe line B,C & D class to the specified pesure and making good to all leaky joints etc cpmplete (GSI-1 P-41)				
	3"Dia	15	62.00	p.joint	930.00
	4" Dia	4	62.00	p.joint	248.00
06	C.I bend with flanged end with holes 6"	0.80	6096.00	p.cwt	4877.00
07	P.E bend 45o 160mm	4.00	2784.00	Each	11136.00
08	BUTTFUSION JOINT 3" DIA	16	1000.00	Each	16000.00
09	Tee equal	6	4175.00	Each	25050.00
10	Providing laying & fixing in trench i/c fitting jointing & testing etc complete in all respect the high density polyethylene PE pipe (HDPE-100) for	3165.00	440.00	p.rft	1590600.00

	w/s confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051 6" dia				
11	M.S flange 3/8" thick	4.00	804.77	Each	3219.00
12	Flange adopter 6" dia	4.00	2025.00	Each	8100.00
13	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc.complete(PHSI.No.24,P-53)	42992.00	2760.00	%0CFT	118658.00
Total Rs.					24,31,202.00

ABSTRACT

Sr. No:	ITEM OF WORK	SCHEDULE "B" AMOUNT	NON SCHEDULE "B" AMOUNT	TOTAL AMOUNT
1	PART-I:NEW PUMP HOUSE 8x8 FOR TUBE WELL 2 NO	2,07,921.00		2,07,921.00
2	PART-II: TUBE WELL 4 NOS	4,27,740.00		4,27,740.00
3	PART-III: PUMPING MACHINARY 4 SETS	1,60,832.00	11,89,600.00	13,50,432.00
4	PART-IV: REPAIR OF TRANSFORMER	84,900.00	88,400.00	1,73,300.00
5	PART-V: PVC PIPE LINE 9R.MAIN 7 DISTRIBUTION SYSTEM0	24,23,102.00	8,100.00	24,31,202.00
6	PART-VI: PVC PIPE LINE(R/MAIN DISTRIBUTIONSYSTEM			
	TOTAL	33,04,495.00	12,86,100.00	45,90,595.00

GROUP (E)

JUMO DAKHAN TAULKA THULL

PART-I:

NEW PUMP HOUSE 8x8 FOR TUBE WELL 3 NO

Sr. No:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	200.00	3,176.05	P %oCft	635.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	57.33	9,416.28	P %Cft	5398.00
03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	96.00	17,723.0	P %Cft	17014.00
04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	153.12	25,321.0	P %Cft	38772.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	43.75	4,982.18	P %Sft	2180.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	233.25	12,674.36	P %Cft	29563.00
07	Maing and fixing steel grated door	22.75	726.72	P.Sft	16533.00

	complete with locking arrangement angle iron frame 2'x2'x3/8' 7 3/4' sq bars 4' TO CENTER9CSI NO.23 P92.				
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	68.81	337.00	P.cft	23819.00
09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	2.53	4820.2	Cwt	12176.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	70.313	1512.50	P%oCft	106.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	56.25	3275.50	P% Sfr	1842.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	665.25	2,283.93	P%Sft	15194.00
13	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	2.24	4928.49	p.cwt	11040.00
14	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	69.50	862.95	P %sft	600.00
15	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	143.50	1062.33	P %Sft	1524.00
16	White washing three coat(CSI.NO.26 P-59)	64.00	829.95	P %Sft	531.00
17	White washing one coat(CSINO25P-59)	665.30	416.63	P%Sft	2772.00
18	Color Washing two coats (CSI.NO.25 P-5)	665.30	859.90	P %Sft	5720.00
				Total	184790.00
			184790x3	=	5,54,370.00

PART-II: CONSTRUCTION OF STAFF QUARTER

SR. NO:	ITEM OF WORK	QTY:	RATE	UNIT	AMOUNT
01	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4) 285.00	285.00	3,176.05	P %oCft	905.00
02	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P15)	128.17	9,416.28	P %Cft	12069.00
03	Random rubble Masonry (Un-coursed) in cement sand mortar 1:6 (CSI No: 1(d) P27)	21.25	17,723.0	P %Cft	38149.00

04	Coursed rubble Masonry i/c hammer dressing cement sand mortar 1:6 (CSI No: 2(d) P27)	269.99	25,321.0	P %Cft	68364.00
05	Damp proof course with (Cement Sand & Shingle concrete 1:2:4) including two coats of asphaltic mixture 3" thick (CSI.No.28,P-19)	89.99	4,982.18	P %Sft	4483.00
06	Pucca Brick work in ground floor i/c striking of joints in cement sand mortar 1:6 (CSI No:5 P21)	423.38	12,674.36	P %Cft	53661.00
07	Fabrication of heavy steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire Also includes removal of rust from bars.	3.96	4928.49	P. Cwt	19517.00
08	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI 6 a P-16 & 17)	17.03	337.00	P.cft	46179.00
09	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars (CSI NO.8 (a) P-17)	5.50	5001.70	Cwt	27590.00
10	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-4)	431.24	1512.50	P%oCft	652.00
11	Providing Laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI.NO.16 P-42)	172.50	3275.50	P% Sfr	5650.00
12	Cement plaster 1:4 upto 20' height 1/2" thick (CSI No:11 P-52)	577.50	2,283.93	P%Sft	13178.00
13	Cement pointing struck joint on wall Ratio 1:3 (CSI.No.19 (b) P-53)	437.00	1,213.58	P %Sft	5303.00
14	Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 C P-70) Two coats	93.50	1,489.68	P %sft	1393.00
15	Pointing flush on stone work in cement mortar 1:3 (CSI.NO.20 P-53)	229.25	1758.08	P %Sft	4030.00
16	White washing three coat(CSI.NO.26 P-59)	225.89	829.95	P %Sft	1875.00
	White washing one coat(CSINO25P-59)	525.00	416.63	P%Sft	2404.00
17	Color Washing two coats (CSI.NO.25 P-5)	1014.00	859.90	P %Sft	8719.00
18	Earth filling over roof i/c watering raiming with 1"mud plaster finished with goobri leeping (CSI.11,P-35)3" Think	273.38	734.14	P%Sft	2007.00
				Total	3,16,047.00

PART-III: TUBE WELLS 3 NOS

01	Borring for Tube Wells in all Waterbearingsoil from ground level up to 100' or 30.50 M Depth i/c sinking & withdrawing of casing pipe(PHSI No.1	65.00	743	P. Rft	4829500
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	P-No.36)				
02	Providing Strong substantailly built wooden locked box with compartments for preserving 2 Lbs (1 kg) samples stratas (PHSI No.5 P-No.36)	1	3530	P No.	3530.00
03	Taking & preserving in Box Pipe B 2 Lbs (1kg) sample of stratas from bore hole (PHSI No.6 P-No.36)	4.00	101/00	P sample	404.00
04	Taking sample of water from bore hole and placing in two separate bottles (PHSI No. 7 P No. 37)	4.00	131/-	P.Sample	524.00
05	Supplying & Fixing PVC end Plug (SMI No. P. No.) 8" Dia	1	2,607/-	P Each	2607.00
06	Supplying & Installation PVC Strainer B Class of approved Design quality & make i/c necessary sockets etc complete 8" dia (RA Attached Based on Schedule)	34.00	554/05--	P.Rft	18838.00
07	Supplying & Installation PVC Blind Pipe B Class of approved Design quality & make i/c necessary sockets etc Complete 8" Dia (RA Attached Based on Schedule)	26.00	516/80	P.Rft	13437.00
08	Shrouding with fine graded bajri (3/8" to 1/8" or 9mm to 3mm in between bore and blind pipe of the following diameter of strainer (PHSI No.13 P no.38)	60.00	105/---	P. Rft	630.00
09	Supplying and installing PVC end plug 8" dai(PHSI NO. 8 P-43)	1.00	1000.00	Each	1000.00
10	Development of tube well	60.00	200/-	P.Rft	12000.00
					100935.00
			100935x3 =		3,02,805.00

PART-IV: PUMPING MACHINERY TUBE WELL 03 SETS

01	Supplying installing in position i/c transportation at site of work Electric pumping set consisting A.C Electrict Motor (Siemens made) 10 BHP 2900 RPM coupled with ETA NORMS 40-200 size 2"x1-1/2" mounted on KSB steel framme or base plate capable of discharging 100 gallons against the head of 155 ft i/c installation of pumping set on c.c foundation 1:2:4 and (Ratio 1:4:8) with stone ballest with M.S nuts and bolts of 5/8" dia to be embeded in c.c foundation i/c providing & fixing Automatic motor control unit (MCU) consist oil starter (MEECO Pakistan) MCCB Breaker 10-A to 50-A (Shihlin Taiwan) cutout 60-A (China) Amp Meter (60/5A) (SELCO China) volt meter (500-V) (SELCO China) phase indication light (China) indlude Transformer oil (2 litter) panel board 18"x26"x9"and internal wiring etc: complete providing internal electric wiring from MCU to electric motor	1	292000.00	P/set	2,92,000.00
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	Providing and laying (MAIN or SB MAIN) PVC insulated with size 4-3/.036 copper conductor in 1" dia PVC conduit on surface i/c providing and fixing earthing set 0.6mx0.6m(2'x2'x1/4") copper plate buried in the ground at depth 3.7 m (12') as per Pak: PWD specification and testing the pumping set against the required head and discharge of 72 hours e.t.c complete.				
	<u>SUCTION AND DELIVERY</u>				
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc: complete in all respect the high density polyethylene PE pipe (HDPE-100) for W/S confirming ISO confirming ISO 4427/DIN 8074/8075 B.S 3580 & PSI 3051. (G.S.I-1, P-25).	48.00	178.00	P.Rft	8544.00
03	C.I bend with flanged ends with holes i/c turning and facing flanged for all sizes. (P.H.S (M) I. No 8 P/ 11)	0.53	6096.00	P. Cwt	3200.00
04	C.I tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (P.H.S. (M) I. No 7 P/ 11)	0.21	6096.00	P. Cwt	1280.00
05	Flange Adopter 3" dia (N.S.I)	8.00	675.00	Each	5400.00
06	G . I Pipe 3" dia	8.00	304.62	P.Rft	2432.00
07	BUTTFUSION JOINT 3" DIA	8.00	600.00	Each	4800.00
08	C.I Tail Piece with one end flanged and socket at the other end for all size (P.H.S (M) I. No 4 P/ 12)3" dia	1.05	6096.00	P. Cwt	6401.00
09	C.I sluice valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch (P.H.S (M) I No 16 P/ 11)3"dia	1.00	4290.00	Eaxh	4290.00
10	Reflex valve heavy pattern test pressure 21 kg /sq, cm or 300 lbs /sq inch(P.H.S (M) I No 16 P/ 11) 3"dia	1.00	1543.75	Each	1544.00
11	C.I Foot valve heavy pattern with cone type gate (P.H.S (M) I No 4 P/ 10) 3"d	1.00	731.25	Each	731.25
12	Jointing C.I/M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the and washers etc and other tools required for jointing and testing the	14.00	499.00	P,Joint	6986.00
				Total	3,37,708.00
			3376086x3	=	10,12,824.00

PART-V: REPAIR OF TRANSFORMER

01	Supply of H-T coils for transformer	3.00	15000.00	p.coil	4500000
02	Supply of L-T coils for transformer	3.00	8000.00	p.coil	24333.00
03	Supply of transformer oil	80.00	180.00	P.Lit	14400.00
04	Labour charges disassembling assembling transformer uninstalling and installing the same i/c transpotation form to work shop and back 2 trips etc:	1.00	5000.00	P.Job	5000.00

	complete.				
05	Providing & laying (MAIN OR SUB MAIN) PVC insulated with size 4-7/.052(10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required.(E.S.I-41,P-6).	100.00	566.00	56600.00	56600.00
Total Rs.					145000.00

PART-VI: PVC PIPE LINE(R/MAIN DISTRIBUTION SYSTEM

01	Excavation for pipelines in trnches and pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grad cutting joint holes providing face guards lights,flags and temperory crossing for non vehicular traffic where-ever required lift upto 5' and lead upto one chain.)PHSI No:1,P-46.)	68200.00	3600.00	%0CFT	245520.00
02	Providing PVC Pipe of class "B"(equivalent make)fixing in trench i/c cutting fitting and jointion with"Z" joint with one rubber Rising i/c testing with water to head of 61 meter or 200 ft.(PHSI No:E1,P-22)			P.RfT	
	For 3" Dia	6200.00	90.00		558000.00
	For 4" Dia	4000.00	137.00		548000.00
03	Cast Iron Specials cost iron fitting for PVC pipe(PHSI(M)1-1P-Bend any degree (plain)			Each	
	3" Dia	12	570.00		6840.00
	4" Dia	5	812.00		4060.00
	TEE PLAIN				
	3" Dia	8	771.00		6168.00
	4" Dia	5	1055.00		5275.00
	PVC SOCKET				
	3" Dia	15	405.00		6075.00
	4" Dia	8	1125.00		9000.00
	CI Gibault Joint				
	3" Dia	20	568-75	Each	11375.00
	4" Dia	12	731.25		8775.00
	End Plug				
	3" Dia	4	382.00	Each	1528.00
04	Making joint to PVC special fitting i/c laying of special and cost of solvent cement of required diameter and esting the joints along with PVC pipe line B,C & D class to the specified pesure and making good to all leaky joints etc cpmplete (GSI-1 P-41)				
	3"Dia	20	62.00	p.joint	1240.00
	4" Dia	2	62.00	p.joint	744.00
	P.E elbow 90 o 6" dia P.N 8	2	3480.00	Each	6960.00
	BUTTFUSION JOINT 3" DIA	4	1000.00	Each	4000.00

	P.E tee 6: dia P.N 08	1	4175.00	Each	4175.00
	P.E pipe HDPE 100 P.N 08 6" dia	1000.00	440.00	p.rft	4400.00
05	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc.complete(PHSI.No.24,P-53)	61380.00	2760.00	%CFT	169409.00
Total Rs.					20,37,144.00

**CONTRACTOR
ENGINEER**

EXECUTIVE

PUBLIC HEALTH ENGINEERING DIVISION
JACOBABAD

ABSTRACT

SR. NO:	ITEM OF WORK	SCHEDULE "B" AMOUNT	NON SCHEDULE "B" AMOUNT	TOTAL AMOUNT
1	PART-I: NEW PUMP HOUSE 8X8 FOR TUBE WELLS 3 NO.	5,54,370.00		5,54,370.00
2	PART-II: CONSTRUCTION OF STAFF QUARTER	3,16,047.00		3,16,047.00
3	PART-III: TUBE WELLS 3 NOS	3,02,805.00		3,02,805.00
4	PART-IV: PUMPING MACHINERY TUBE WELL 03 SETS	1,20,624.00	8,92,200.00	10,12,824.00
5	PART-V: PVC PIPE LINE(R/MAIN DISTRIBUTION SYSTEM	20,37,144.00		20,37,144.00
6	PART-VI: REPAIR OF TRANSFORMER	56,600.00	88,400.00	1,45,000.00
	TOTAL	33,87,590.00	9,80,600.00	43,68,190.00

CONDITIONS:-

1. The work shall have to be executed according to PHE/P.W.D specification.
2. No premium on non-schedule item not be paid to the contractor.
3. Any error and omission in the description of item or work and shall be governed with the relevant schedule of rates and estimates.
4. The contractor shall have to bring the material to be used in the site of work from quarries mentioned in the estimate.

CONTRACTOR

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION
JACOBABAD.



☎ #: (0722) 652795

☎ #: (0722) 652795

No. *TC/NIT/ 499 /of/2015*

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION
JACOBABAD DATED: 02 / 11 /2015

E-mail address: gulphed@gmail.com**NOTICE INVITING TENDERS**

Sealed Tenders are invited on Standard Bidding Documents (**SBD**) Forms the eligible bidders Registered with Pakistan Engineering Council (**PEC**) in relevant Category (**CE09**) having experience of similar nature of works for the below mentioned work as per SPPRA Rules 2010 (**Under the programme of Rehabilitation of Water Supply and Drainage Scheme in Sindh**).

S.N O.	NAME OF WORK	ESTIMATE COST IN (MILLION)	EARNEST MONEY IN (RUPEES)	TENDER FEE IN (RUPEES)	TIME OF COMPLETION
01	Rehabilitation of Rural Water Supply Scheme Qadirpur Taluka Jacobabad, Jehanpur (Dau) Taluka Garhikhauro, Piyaro Khoso, Mirpur Buriro and Jumo Dakhan Taluka Thull District Jacobabad including 01 (One) Year operation and maintenance.	25.100	502000.00	3000.00	6 Months

- Bidding documents can be purchased by the interested bidders on submission of written application to the undersigned during office hours on any working day from appearance of N.I.T in the Newspapers/Website on **19.11.2015** upto 12.00 Noon and can be had from the office of the undersigned on payment of tender fee cash (Non Refundable) specified against each work.
- Sealed tenders will be received back on **19.11.2015** upto 1.00 P.M in the office of the undersigned alongwith specified bid Security in the shape of Call Deposit from any schedule bank in favour of undersigned and will be opened on same day at 2.00 P.M in presence of tender opening/Evaluation Committee and bidders or their authorized representatives who wish to be present. Non responded tenders found un-responded the next date of issuance and opening on **03.12.2015** and received back upto 2.00 P.M and will be opened on the same day at 3.00 P.M
- Eligible criteria:** The bidders who will provide following documents/information are eligible to participate as per SPPRA Rules 2010.
 - Registration with Pakistan Engineering Council (**PEC**) for the year **2015** in the relevant filed specialization of work and to the extent of tender limit against work.
 - Full name, office address, telephone, fax number, E-mail and the organization with structure.
 - Bio-Data of Engineers and Technical Staff working with Firm/Agency.

- iv) Details of works executed of same nature during last 3 years including certificate of satisfactory completion of works by relevant procuring agency.
 - v) List of works in progress indicating cost, award of works of same natures.
 - vi) List of machinery and equipment available with documentary evidence of its ownership, Certificate of bank showing finance stability/credit worthiness/Bank Statement.
 - vii) No tender without bid security will be considered.
 - viii) Registration with Income Tax Department **(NTN Certificate)** latest and copy of **CNIC**.
 - ix) Affidavit in which the bidder undertakes that, it is not involved in any litigation.
 - x) Affidavit in which it should be undertakes that, the information provided is true and correct.
 - xi) Affidavit that, the bidders has not been black listed by any Government/Semi Government/Autonomous body.
4. If Firm/Partner involved in partnership deed, then complete details/instructions and power of attorney will be submitted on affidavit by the proprietor.
 5. Conditional and telegraphic tenders will not be entertained.
 6. The procuring agency may reject all or any bid subject to the relevant provisions of SPPRA Rules 2010 (Amended 2013).
 7. Sindh Board of Revenue Registration certificate.

(ABDUL RASHEED BHUTTO)
Executive Engineer
Public Health Engg: Division
Jacobabad

Copy forwarded with compliments for favour of his kind information to the:

1. Secretary, Information Technology Department Government of Sindh 1st Floor Sindh Secretariat No.6 Karachi for publication in the web site of Government of Sindh. The soft copy is enclosed herewith for e-mailed to webmaster @ [sindh.gov.pk](mailto:webmaster@sindh.gov.pk)
2. Director (A&F) Sindh Public Procurement Regularity Authority Government of Sindh Karachi and C.D of this N.I.T is also enclosed herewith for placement on Government Websites.
3. Chief Engineer, Public Health Engineering Department Government of Sindh Sukkur.

4. Superintending Engineer, Public Health Engineering Circle Larkana.
5. Executive Engineers (all), Under Public Health Engineering Department, Government of Sindh Sukkur
6. Copy alongwith (7) seven copies f.w.cs to the Director Information 96-Sindh Secretariat Karachi for information and insertion of this advertisement in Newspapers SINDHI, URDU AND ENGLISH
7. Assistant Engineer, Public Health Engineering Sub-Division No.I Jacobabad/Thull and Garhikhairo.
8. Copy to Notice Board

(ABDUL RASHEED BHUTTO)
Executive Engineer
Public Health Engg: Division
Jacobabad