



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

[Press Tender]
(S.No.1)

-: Name of Work :-

**"RE-METALLING OF BIG END BEARING OF MAN ENGINE G7V-40/60
OF 1ST. PHASE PUMP HOUSE, DHABEJI"**

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,
Distt: Thatta

Resident Engineer, Contact # 0323-2025277 & 0300-9299610

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

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

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

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

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

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

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.


3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: RE-METALLING OF BIG END BEARING OF MAN ENGINE G7V-40/60 OF 1ST. PHASE PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta
- (d). Estimate Cost On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 21.04.2015 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 21.04.2015 at 02:00 PM.
- (j). Time for completion from From written order commence: 10 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No.& Date: _____
- Amount: : Rs.2,500/=


Resident Engineer

Resident Engineer
Dhabeji Division (Pumping)
K.W & S.B.

Authority issuing bidding Document.

Conditions of Contract

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

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

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

Clause - 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

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

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

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

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

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

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

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

Clause – 7: Payments.

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

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

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

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

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

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

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

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of, it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

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

Clause – 12: Examination of work before covering up.

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

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

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

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

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

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

Clause -18: Financial Assistance /Advance Payment.

(A) Mobilization advance is not allowed.


(B) Secured Advance against materials brought at site.

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;

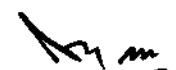
(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

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

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


Divisional Accountant

Contractor


Executive Engineer/Procuring Agency

Resident Engineer
Dabaji Division (Pumping)
K.W.A.S.R.

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three years.
8. Turnover at least (03) Three years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated according to SPPR 2010 (Amended 2013).
12. Debarred Contractors bid cannot be accepted.

NAME OF WORK:-

RE-METALLING OF BIG END BEARING OF MAN ENGINE G7V-40/60 OF 1ST. PHASE PUMP HOUSE, DHABEJI.

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	52 Pairs	Re-metalling of Big end Bearing of MA.N. Engine G-7V-40/60 with White metal 11-R (Imported) on Bearing Shell having finished size Outer Dia = 11 3/8", Inner Dia 10 5/8" & Height 7" i/c precise machining & polishing to bring to finished size 0.79" from Shell bottom & Length finished size 6.75" as per & direction of the Engineer in charge.			Pair	
Total: Rs:						

I/We hereby quoted Rs. _____ (Rupees

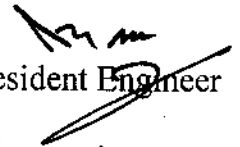
_____ Only)

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____


Resident Engineer
Dhabeji Division (Pumping)
K.W. & S.B.



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

(Press Tender)

(S.No.2)

-: Name of Work :-

"PROVIDING / FIXING ANGULAR CONTACT BALL BEARING
NO.7324 BCBM & 23130 CC/W-33 FOR PUMP SET 'A' AT K-2 PUMP
HOUSE DHABEJI I/C VARIOUS SERVICES OF SHAFTS ETC."

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,
Distt: Thatta

Resident Engineer, Contact # 0323-2025277 & 0300-9299610

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General Rules and Directions for the Guidance of Contractors.

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

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

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

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

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

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

BIDDING DATA

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- (b). Brief Description of Work: PROVIDING / FIXING ANGULAR CONTACT BALL BEARING NO.7324 BCBM & 23130 CC/W-33 FOR PUMP SET 'A' AT K-2 PUMP HOUSE DHABEJI I/C VARIOUS SERVICES OF SHAFTS ETC.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta
- (d). Estimate Cost: On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 21.04.2015 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 21.04.2015 at 02:00 PM.
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Amount: : Rs.1,500/=


Resident Engineer

Authority issuing bidding Document.

Conditions of Contract

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

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

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- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
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- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

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

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

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

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

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

Clause – 7: Payments.

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

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

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

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

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

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

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

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

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

Clause – 12: Examination of work before covering up.

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

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

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

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

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

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

Clause -18: Financial Assistance /Advance Payment.

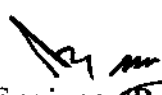
- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance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

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

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


Divisional Accountant

Contractor


Executive Engineer/Procuring Agency

Resident Engineer
Bhabaji Division (Pumping)
K.W & S.R.

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three years.
8. Turnover at least (03) Three years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated according to SPPR 2010 (Amended 2013).
12. Debarred Contractors bid cannot be accepted.

NAME OF WORK:-

PROVIDING / FIXING ANGULAR CONTACT BALL BEARING NO.7324 BCBM & 23130 CC/W-33 FOR PUMP SET 'A' AT K-2 PUMP HOUSE DHABEJI I/C VARIOUS SERVICES OF SHAFTS ETC.

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	02Nos	Providing & Fixing of Bearing No.7324 BCBM, SKF Brand or equivalent along with following Services :-			Each	
	01Job	Vibration Analysis Service Fee.			Job	
	01Job	Dynamic Balancing Service Fee			Job	
	01Job	Laser alignment / checking			Job	
	02Jobs	Bearing Mounting and dis-mounting by Digital Heater.			Job	
	01Job	Transportation charges.			Job	
	01Job	Weight / Shims / Lubricants of SKF charges.			Job	
	01Job	Up & Down of SKF Certified Engineer.			Job	
2.	02Nos	Providing & Fixing of Bearing No.23130 CC/W-33, SKF Brand or equivalent along with following Services:-			Each	
	01Job	Vibration Analysis Service Fee.			Job	
	01Job	Dynamic Balancing Service Fee			Job	
	01Job	Laser alignment / checking			Job	
	02Jobs	Bearing Mounting and dis-mounting by Digital Heater.			Job	
	01Job	Weight / Shims / Lubricants of SKF charges.			Job	
	01Job	Up & Down of SKF Certified Engineer.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
3.	20Kgs.	Grease LGMT 3/1, SKF Brand			Kg.	
Total: Rs:						

I/We hereby quoted Rs. _____ (Rupees

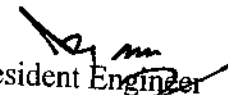
_____ Only)

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____


Resident Engineer
Resident Engineer
Dabholi Division (Pumping)
KW & SB



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

(Press Tender)

(S.No.3)

-: Name of Work :-

"LOCAL MFG. OF RUBBER COUPLING BUSH FOR COUPLING & REPAIR / RECONDIT9ONING OF S.S. COUPLING STUD OF 11KV H.T. MOTORS & PUMP FOR 3RD. & 4TH PHASE PUMP HOUSE, DHABEJI"

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,
Distt: Thatta

Resident Engineer, Contact # 0323-2025277 & 0300-9299610

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

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

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

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

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

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN 2.50.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time


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

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

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

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: LOCAL MFG. OF RUBBER COUPLING BUSH FOR COUPLING & REPAIR / RECONDIT9ONING OF S.S. COUPLING STUD OF 11KV H.T. MOTORS & PUMP FOR 3RD. & 4TH PHASE PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta
- (d). Est mate Cost On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 21.04.2015 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 21.04.2015 at 02:00 PM.
- (j). Time for completion from From written order commence: 15 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No.& Date: _____
Amount: : Rs.1,500/=


Resident Engineer
Resident Engineer
Dhabeji Division (Pumping)
KW&SB

Authority issuing bidding Document.

Conditions of Contract

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

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

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

Clause – 3: Termination of the Contract.

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

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

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

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

- (C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-
- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
 - (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

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

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

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

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

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work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

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- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

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- (B) Correction of Defects: The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) Uncorrected Defects:
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of, it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

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

Clause – 12: Examination of work before covering up.

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

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

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

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

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

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

Clause -18: Financial Assistance /Advance Payment.

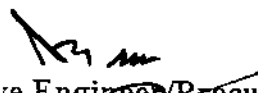
- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance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

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

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


Divisional Accountant

Contractor


Executive Engineer/Procuring Agency

Regional Engineer
Dhabel Division (Pumping)
K.P.S.S.

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three years.
8. Turnover at least (03) Three years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated according to SPPR 2010 (Amended 2013).
12. Debarred Contractors bid cannot be accepted.

NAME OF WORK:- LOCAL MFG. OF RUBBER COUPLING BUSH FOR COUPLING & REPAIR / RECONDIT9ONING OF S.S. COUPLING STUD OF 11KV H.T. MOTORS & PUMP FOR 3RD. & 4TH PHASE PUMP HOUSE, DHABEJI.

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	90Nos.	Manufacturing of Synthetic Nupprin rubber coupling from Nupprin rubber (Imported) i/c Canvas (Heat & oil Proof) having OD=100mm, ID=42MM, Width 92mm, with 4 teeth Corrugation having size ID=68mm, Corrugation Angle 40 pitch clearance 12.5mm, Corrugation width 6.5mm inside & outside, work at 970-1000rpm as per sample and instruction of Engineer incharge.			Each	
2.	90Nos.	Repair / Reconditioning of Coupling Stud from Stainless steel welding rod for redressing & machining having length of Stud 178mm, OD=40mm i/c making thread at bottom of Stud 20mm & Length of thread 25mm and making under cut at Top side for Circlip gripping & making Top of Stud, Spanner grip space hexagonal shape as per instruction of Engineer incharge.			Each	
Total: Rs:						

I/We hereby quoted Rs. _____ (Rupees

_____ Only)

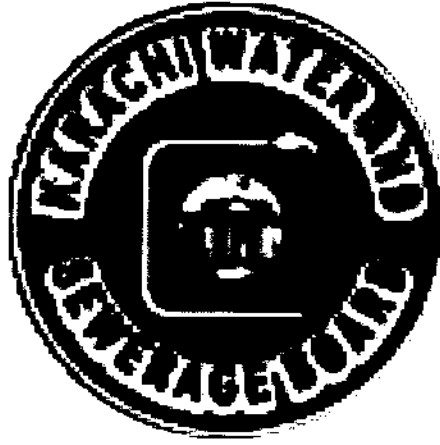
execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____


 Resident Engineer
 Resident Engineer
 Dhabaji Division (Pumping)
 K.W.&S.B.



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

[Press Tender]

[S.No.4]

-: Name of Work :-

"SERVICING / OVERHAULING OF 6.6 KV, 114AMPS. 1050 KW,
MOTOR NO.1 OF 2ND. PHASE PUMP HOUSE, DHABEJI"

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,
Distt: Thatta

Resident Engineer, Contact # 0323-2025277 & 0300-9299610

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

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

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

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

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

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

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time


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

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

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

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: SERVICING / OVERHAULING OF 6.6 KV, 114AMPS. 1050 KW, MOTOR NO.1 OF 2ND. PHASE PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta
- (d). Estimate Cost On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 21.04.2015 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 21.04.2015 at 02:00 PM.
- (j). Time for completion from From written order commence: 15 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No.& Date: _____
Amount: : Rs.1,500/=


Resident Engineer

Resident Engineer
Dhabeji Division (Pumping)
K.W.A.S.A.

Authority issuing bidding Document.

Conditions of Contract

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

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

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

Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-
- (i) contractor causes a breach of any clause of the Contract;
 - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
 - (ii) to finalize the work by measuring the work done by the contractor.

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

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

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

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

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

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

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

Clause – 7: Payments.

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

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

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

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

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

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

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

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

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

Clause – 12: Examination of work before covering up.

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

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

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

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

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

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

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

- 1. Bid shall be in sealed Cover.**
- 2. Bid shall be properly signed by the Contractor with Stamp.**
- 3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.**
- 4. Rate must be quoted in figures and words.**
- 5. NTN and Sales Tax (Where applicable).**
- 6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).**
- 7. Relevant Experience of work (03) Three years.**
- 8. Turnover at least (03) Three years.**
- 9. Bid Security of required amount.**
- 10. Conditional bid will not be considered.**
- 11. Bid will be evaluated according to SPPR 2010 (Amended 2013).**
- 12. Debarred Contractors bid cannot be accepted.**

NAME OF WORK:-

**SERVICING / OVERHAULING OF 6.6 KV, 114AMPS. 1050 KW,
MOTOR NO.1 OF 2ND. PHASE PUMP HOUSE, DHABEJI.**

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1. (A).	01Job	Servicing and overhauling of H.T. 6.6KV, 1050KW 114Amps. Induction Motor (AEG Germany made) with the following scope of work: Removal of Motor shaft couplings.			Job	
(B).	01Job	Dismantling & Shifting of Motor from Bed and dismantling of complete Motor parts, Top & Bottom covers Exhaust fans and dismantling of Rotor assembly complete as per instruction of Engineer incharge.			Job	
(C).	01Job	Complete washing, cleaning of Rotor, Stator Windings with highly vapourising Carbon Tetra Chloride i/c drying of windings in vacuum oven. Static facing of windings as per instruction of Engineer incharge.			Job	
(D).	01Job	Dismantling, Servicing, De-carbonising and cleaning of stator Terminal Boxes, Cable Ends, Cable Glands, Terminal studs and Bushings, Spacer Heater Temperature Sensors, Earth terminals and protection conductors with C.T.C. and drying complete i/c replacement of connectors i/c re-insulation as per instruction of Engineer incharge.			Job	
2.	01Job	Servicing of Heat Radiating Tubes 177Nos. of 38mm dia 2134mm in length by complete washing, cleaning with CTC and drying by heater blower i/c Repair / reconditioning of Tubes by brazing from Top to bottom side as per instruction of Engineer incharge.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
3.	02Jobs	Repair / Reconditioning of Cooling Exhaust fan having Outer dia = 910mm, ID = 590mm having 12Nos., Concave type Vanes width of Fan 130mm shaft Dia bore 125mm, outer dia 180mm including Redressing the shape of fan and balancing for vibration free operation upto 1000RPM as per instruction of the Engineer incharge.			Job	
4.	01Job	Repair & Reconditioning of Motor Coupling having Top side dia = 560mm, width = 75mm, internal dia 160mm. From bottom side Outer Dia 320mm height 145mm, i/c buffing polishing as per instruction of the Engineer incharge.			Job	
5.	01Job	Repair & Reconditioning of Pump coupling Top side outer dia = 560mm, height = 85mm, from bottom side outer dia = 260mm height 140mm, Internal Dia (Shaft dia) 100mm, length 225mm i/c buffing polishing complete as per instruction of the Engineer incharge.			Job	
6.	01Job	i). Vibration Analysis of H.T. Motor with load (coupled with Pump) and without load (uncoupled) ii). Vibration analysis of H.T. Motor without Exhaust fan and bottom Exhaust fan from motor rotor by full RPM 1000. iii). Repair / reconditioning of Rotor shaft dia 140mm, at top and 170mm at bottom with L=2743 including balancing of Rotor shaft, fixing exhaust fan upper and lower at 975-1000RPM and commission-ing of Motor.			Job	
7.	01Job	Assembling of complete Motor parts Cover, Upper and Lower Exhaust Fan, Upper & Lower Locking washer i/c installation of Motor Bed fastening the foundation bolts and making connections of H.T. Cables, space heaters, Temperature Sensors, Relays and testing as per instruction of Engineer incharge.			Job	
8.	01Job	Re-installation of Motor and Pump Shaft couplings on shafts and fastenings the bolts as per instruction of Engineer incharge.			Job	



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For Contracts Costing up to Rs.2.5 Million)

(Press Tender)

(S.No.5)

-: Name of Work :-

"REPAIR / MAINTENANCE AND REPLACEMENT OF WORN OUT PARTS OF 35 MGD WEIR PUMP SET NO.E AT K-II PUMP HOUSE, DHABEJI"

-: Name of Office :-

DHABEJI (PUMPING) DIVISION

Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town,
Distt: Thatta

Resident Engineer, Contact # 0323-2025277 & 0300-9299610

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

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

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

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

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

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

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. - **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

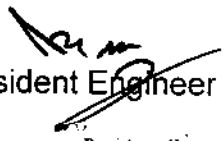
allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

BIDDING DATA

- (a). Name of Procuring Agency: Dhabeji (Pumping) Division, KW&SB
- (b). Brief Description of Work: REPAIR / MAINTENANCE AND REPLACEMENT OF WORN OUT PARTS OF 35 MGD WEIR PUMP SET NO.E AT K-II PUMP HOUSE, DHABEJI.
- (c). Procuring Agency Address: Dhabeji Pumping Station, Tehsil Mirpur Sakro, Dhabeji Town, Distt: Thatta
- (d). Estimate Cost On Item rate basis.
- (e). Amount of Bid Security : 02% of Bid amount.
- (f). Period of Bid validity : 90 Days.
- (g). Security Deposit (including Bid Security) : 10%
- (h). Venue, Time and Date of Bid Opening : The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9th Mile, Karsaz, Karachi on 21.04.2015 at 02.30 PM by Procurement Committee-I, KW&SB.
- (i). Deadline for submission of Bid along with time. : 21.04.2015 at 02:00 PM.
- (j). Time for completion from From written order commence: 15 Days
- (k). Liquidity damage : 0.5% of Bid Cost per day of delay
- (l). Bid issued to Firm : M/s. _____
- (m). Deposit Receipt No. & Date: _____
Amount: : Rs.2,000/=


Resident Engineer

Resident Engineer
Dhabeji Division (Pumping)
KW&SB

Authority issuing bidding Document.

Conditions of Contract

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

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

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

Clause - 3: Termination of the Contract.

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

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

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

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

Clause -- 7: Payments.

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

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

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

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

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

Clause - 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

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

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
 - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of, it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

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

Clause – 12: Examination of work before covering up.

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

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

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

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

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

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

Clause -18: Financial Assistance /Advance Payment.

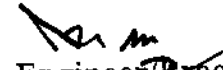
- (A) Mobilization advance is not allowed.
- (B) Secured Advance against materials brought at site.
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance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

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

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


Divisional Accountant

Contractor


Executive Engineer/Procuring Agency
Resident Engineer
Dhokep Division (Pumping)
K.W & S.B.

ELIGIBILITY AND EVALUATION CRITERIA OF THE TENDER

Bid shall be evaluated on the basis of following information are available with the bid :-

- 1. Bid shall be in sealed Cover.**
- 2. Bid shall be properly signed by the Contractor with Stamp.**
- 3. Name of firm, Postal address, Telephone number, Fax number, e-mail address must be written.**
- 4. Rate must be quoted in figures and words.**
- 5. NTN and Sales Tax (Where applicable).**
- 6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(1)(iii) of SPP Rules, 2010 (amended 2014).**
- 7. Relevant Experience of work (03) Three years.**
- 8. Turnover at least (03) Three years.**
- 9. Bid Security of required amount.**
- 10. Conditional bid will not be considered.**
- 11. Bid will be evaluated according to SPPR 2010 (Amended 2013).**
- 12. Debarred Contractors bid cannot be accepted.**

NAME OF WORK:-

REPAIR / MAINTENANCE AND REPLACEMENT OF WORN OUT PARTS OF 35 MGD WEIR PUMP SET NO.E AT K-II PUMP HOUSE, DHABEJI.

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
1.	01Job	Disconnection of H.T. Electric connection from Motor Panel i/c heater, bearing Temperature connection from motor panel i/c cooling water circulation joints pipe connection.			Job	
2.	01Job	Dismantling all nuts & bolts from Pump bed & pull out of H.T. Motor from Pump basement.			Job	
3.	02Jobs	Dismantling of Universal Motor & Pump shaft & pull out of Universal Shaft with shaft housing as per instruction of E/I.			Job	
4.	0 Job	Removal of Pump casing half portion after dismantling all 80 Nuts & Bolts from pump casing complete.			Job	
5.	01Job.	Removal of Pulley from Pump shaft by cutting with the help of oxygen acetylene flame and Hydraulic pressure m/c and as instruction of E/Incharge.			Job	
6.	01Job	Pull out complete pump i/c shaft from pump section 28' depth as per instruction of E/I.			Job	
7.	02Jobs	Removal of Neck ring from Impeller Neck with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge.			Job	
8.	02Jobs	Removal of Wear Ring from the Pump casing with the help of oxygen acetylene flame as per direction of E/I			Job	
9.	03Jobs	Removal of Upper Sleeve & Lower Sleeve, Shaft bush, Chuck nut, Spacer from the Pump Shaft with the help of Hydraulic puller m/c and oxygen acetylene flame as per instruction of E/I			Job	
10.	01Pair	Manufacturing & fixing of Neck Ring for Upper & Lower from Phosphorus Bronze by casting size having size: OD = 610mm, ID=558mm, Width: 63mm i/c machining & polishing having finished size OD=562mm, ID=540mm & Width=40mm as per sample and instruction of E/I			Pair	
11.	01Pair	Manufacturing & fixing of Wear Ring Upper & Lower from Phosphorus Bronze by casting having size Outer dia=635mm, ID=559mm, Width: 63mm i/c machining & polishing for making finished size OD=580mm, ID=560mm, Width: 40mm as per sample and instruction of E/I.			Pair	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
12.	01Job.	Mfg. & Fixing of Spacer Sleeve from high quality Carbon alloy steel imported quality 130mm dia solid shape. The finished size of Sleeve One side : OD = 124mm, other side OD = 120mm, ID = 114mm, bore length 205mm on damaged bearing portion of shaft with help of locking pin 06Nos. 8 x 5mm size i/c spot welding as per inst. of E/I.			Job	
13.	01Job	Mfg. & fixing of Shaft Bush from Imported Phosphorus Bronze having casting, size: OD = 178mm, ID = 100mm & Length 228mm i/c machining & polishing having finished size OD=140mm, ID=127mm and Length 180mm as per sample and instruction of E/I.			Job	
14.	01Job	Removal of Impeller from the Pump shaft with the help of heavy duty Hydraulic pressure machine and oxygen acetylene flame without changing the shape of Impeller by highly skilled workers as per inst. of Engineer Incharge.			Job	
15.	0 Pair	Mfg. & fixing of Sleeve upper & lower side of the Impeller shaft from S.S. Grade 316 Pharmaceutical food grade having size dia 178mm & length 685mm, machining collar at top side having finished size dia 156mm & Length 160mm, other making step dia 140mm & length 425mm i/c making bore dia complete sleeve 127mm & 125mm at complete length 585mm i/c making key slot at inner dia of sleeve key slot depth 8mm, width of slot 32mm & length of slot depth 8mm, width of slot 32mm & length of slot 145mm as per sample and instruction of E/I.			Pair	
16.	0 Job	Mfg. & fixing of Lock Nut (02 Nos.) along with locking washer device of Specific feather to with Stand against dynamic stress on the Pump set during operation as per of E / I.			Job	
17.	01Job	Repair / Reconditioning & modification of bearing housing, having semicircular flange outer dia 24" & internal dia 8" length 4" and at bottom of flange outer dia 18", length 16" i/c machining all side top & bottom & making internal bore OD=16", ID=10½ length 14" i/c machining bearing portion dia width lapping as per required bearing outer dia of bearing, making 8 Nos. hole 1" dia & making collar cutting at internal bore for lock the plate for leak proof of water of water as per instruction of E/I			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
18.	01No.	Local Mfg. of Gland of Pump from casting of phosphorus bronze having casting size 354mm collar dia 205mm, width 45mm total length 250mm having finished Gland shape 305mm, gland plate width 310mm, collar dia finished size 178mm, width 35mm i/c making hole at centre of gland 138mm throughout length 65mm i/c making 02Nos. hole 20mm of each of corner away 20mm and making thread 20mm as inst. E/I.			Each	
19.	02Nos.	Local Mfg. of Key of Impeller & coupling bush in rectangular shape from steel bar having size 1" x 1 1/4" x 18" i/c making half round shape of both end i/c making 02Nos. Holes at both side 8mm & making centre sunk shape hole 12mm at top side as per sample.			Each	
20.	02Nos.	Local Mfg. of Shaft (Chuck Nut) for lower end shaft for bearing lock at lower end from 127mm dia solid S.S. Shaft length 64mm making inner dia hole 77mm. finished size length 36mm, i/c making American thread 20mm i/c making 4 slots each 15mm width & 10mm depth for gripping the lower end Bearing as per instruction of Engineer Incharge.			Each	
21.	01No.	Local Mfg. of Impeller Bush for Impeller, Bearing & Sleeve grip from Stainless Steel Solid Shaft having 178mm dia and length 100mm, finished size dia 153mm and length 102mm and making internal bore 127mm dia i/c fixing by press fit as per instruction of Engineer incharge			Each	
22.	20Kgs.	P/F of 20mm x 20mm Thick Teflon core Gland packing high pressure high temperature made of (Imported) Best Quality.			Kg.	
23.	02Nos.	Mfg. & Fixing of Bearing Housing body ceramic seal libral seal Imported material having cross sectional dia 10mm, OD=1320, ID=1300mm as per inst. of E/I			Each	
24.	02Bags	Supply of Cotton Waste (White bleached) bags (50Kgs).			Bag	
25.	06 Meters	P/F of 0.5mm Kilingrite fiber Paper sheet England made having Width: 1 Meter after cleaning / rubbing of old sheet pieces from the surface of both casing as per inst. E/incharge			Meter	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
26.	20Kgs.	Providing & Fixing of Stainless steel Nuts & Bolts i/c washer 'M' Brand size from 15, 20 & 25mm & length 75, 65 & 60mm as per sample.			Kg.	
27.	02Nos.	P/F of Bearing Lock MB-23 SKF Brand as per inst. of E/I.			Each	
28.	02Kgs.	Providing of USA made DADEX Jointing solution at the site for Pump casing surface jointing area.			Kg.	
29.	01Job	Dynamic balancing of Impeller proper by digital vibration machine process.			Job	
30.	01Job	Fixing of complete Impeller, shaft assembly at Pump casing at lower pump room & tight 65Nos. Nuts & Bolts, Stud & Nut at pump casing leak proof, Zero alignment, free shaft movement as per instruction of E/in charge			Job	
31.	01Job	Fixing of Intermediate shaft of Weir Pump with Impeller shaft by coupling bush with Zero alignment as per origin tight torque for Nuts & Bolts as per instruction of instruction of E/I			Job	
32.	01Job	Fixing of Pulley of Pump shaft by the help of Hydraulic pressure machine and oxygen acetylene flame			Job	
33.	01Job	Fixing of Motor at Pump base frame after removing the corrosion & rough surface without disturbing origin surface making connection of H.T. Electric Cable at Motor Panel, temp connection, heater connection water cooling pipe connection all electric joint lead from moisture cleaning by C.T.C. i/c coupling of Motor & Pump pulley.			Job	
34.	01Job	Local Mfg. of Water resistance housing flapper type S.G. Iron by casting having finished size OD at lower side 18", ID=16" & height of flapper 18" & each wall thickness 1", i/c shaft coupling portion dia OD=7", ID=4" and height 6" i/c machining all side from inner & outer i/c making bore finished size 5" for coupling the housing with shaft by four Nuts & Bolts as per instruction of E/incharge.			Job	

Item No.	Qty.	Description of item to be executed at site	Rate		Unit	Amount in Rupees
			Amount (in Figures)	Amount (in Words)		
35.	01Job	Repair / Reconditioning of Impeller both Pump housing OD=65" & Length of line bore 5'4" by melding process & making line bore become finished size dia 65" 7 length of bore 5'-4" as per instruction of E/I			Job	
36.	01Job	Transportation, loading & unloading charges from Dhabeji to Karachi and back Karachi to Dhabeji.			Job	
Total: Rs:						

I/We hereby quoted Rs. _____ (Rupees

_____ Only)

execution of above work and I / We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Signature of Contractor
With name of firm & Seal

Address _____

Contact # _____


Resident Engineer
Resident Engineer
Dhabeji Division (Pumping)
K.W. & S.B.