



KARACHI WATER AND SEWERAGE BOARD

OFFICE OF THE EXECUTIVE ENGINEER (SPD-I)

Clifton pumping station, adjacent C.I.D. Center, near PIDC house, Karachi

CELL NO: 03332102163

NOTICE INVITING TENDER,

(Under SPPRA-2010)

01. ESTIMATED COST OF TENDER NO. ,RS. 676319/= (Below 1.00 Million)
02. ESTIMATED COST OF TENDER NO. ,RS. 639264/= (Below 1.00 Million)
03. ESTIMATED COST OF TENDER NO. ,RS. 542582/= (Below 1.00 Million)

Sealed Tenders are invited under SPPRA-2010 for the work mentioned below:-

01.	NAME OF WORK :-	<p>01. <u>URGENT REPAIRING OF ELECTRICAL MOTOR ELECTRICAL / MECHANICAL ACCESSORIES MS PIPE N/R VALVE CONNECTED TO SUBMERSIBLE PUMP (40HP) NO.3 AND CABLE FOR MAIN SUPPLY OF K.E. TO MOTOR ROOM AT JE-12 P/S OF SPD-II</u></p> <p>02. <u>URGENT REPAIRING OF ELECTRICAL MOTOR AND/F OF ELECTRICAL / MECHANICAL ACCESSORIES FOR SUBMERSIBLE PUMP(30 HP) NO1 AND 2 AT EJ-12 AND EJ-14 P/S OF SPD-II</u></p> <p>03. <u>REPAIRING OF ELECTRICAL MOTOR AND P/F OF ELECTRICAL / MECHANICAL ACCESSORIES MS PIPE OF HORIZONTAL PUMP (10&30 HP) AT GREX-I GREX-II AND MAURPUR P/S OF SPD-II</u></p>
02.	Eligibility of Contractor :	All eligible Bidder / Contractor should be having NTN certificate and at least one year relevant works experience. As per rule of 44
03.	Bid Security	2% of the quoted bid in shape of pay Order / Bank Draft, in favor of KW&SB.
04.	Tender can be purchased :	Tender can be purchased from the Accounts Officer (Revenue), KW&SB Head office at 1 st floor old KBCA annex building Gulshan-e-Iqbal, Karachi between 9:00 Am to 1:00 Pm.
05.	Tender Fee	Rs.1000/= Non Refundable shape of pay order in favour of KW&SB.
06.	Time limit for completion of works	10 days
07.	Method of procurement	Single stage single envelope basis
08.	Last date of issuing :	w.e.f 1 st hoisting up to 26-11-2014 from 9:00 am to 1:00 pm.
09.	Date & time of opening / Opening of tender	27/11/2014. at 2:00 pm and opened at 2:30 pm.
10.	Place of opening :-	Tender will be opened by the Procurement Committee-I, at the office of the Chief Engineer (IPD), KW&SB Room No. 5 Block-E at 9 th Mile, Karsaz, Shara-e-Faisal Karachi. In the presence of procurement committee-I KW&SB and the bidders or their representatives who wish to be present.
11.	Source of Funding :	KW&S.B's own funded.
12.	Scope of work :	Improvement of Sewerage System.

Note:

- 01 The procuring agency may reject all or any bids subject to the relevant provision of SPP Rules-2010.
- 02 Tender / bidding documents may be downloaded from SPPRA website.
- 03 The procuring agency may rejected any bid subject to relevant provision of SPP rules2010 and may cancel the bidding process at any time prior to acceptance of bid proposal as per rule 25 of said rules.
- 04 In case of any unforeseen situation resulting in closure of office on the date of opening or if government declares holiday the tender shall be submitted/ open on the next working day at the same time & venue
- 05 No tender shall be issued on the date of opening of tender.

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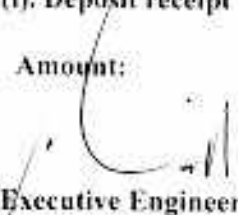
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allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit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

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

6. **Measurements:** All works shall be measured by standard instruments according to the rules.
7. **Evidence of Eligibility:** Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. **Late submission of bids:** Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. **Eligibility criteria:** 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 security:** Bid without bid security of required amount and prescribed form shall be rejected.
11. **Arithmetical errors:** 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.

BIDDING DATA

- (A).Name of Procuring Agency: SEWERAGE PUMPING
DIVISION-I KW&SB.
- (b) Brief description work: REPAIRING OF ELECTRICAL MOTOR AND P/F OF
ELECTRICAL / MECHANICAL ACCESSORIES MS
PIPE OF HORIZONTAL PUMP (10&30 HP) AT
GREX-I GREX-II AND MAURPUR P/S OF SPD-II
- (c).Procuring Agency Address: CLIFTON PUMPING STATION
ADJACENT C.I.D. CENTRE NEAR P.I.D.C
HOUSE, KARACHI
- (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%
- VENUE, TIME AND DATE OF BID
OPENING: THE TENDER IN SEAL
COVER SUPER SCRIBED WITH NAME
OF THE WORK SHOULD BE DROPPED
IN THE TENDER BOX KEPT IN OFFICE
OF THE CHIEF ENGINEER (IP&D) AT
BLOCK 'E' 9TH MILE KARASAZ,
KARACHI ON 27-11-2014 AT 2:30 PM BY
PROCUREMENT COMMITTEE-I
- (H).Deadline for submission
Of bid along with time: 27-11-2014 at 2.00 pm.
- (I).Time for completion form
Written order commence: 10 days
- (j).Liquidity damage 0.5% of bid cost per day of delay
- (k). Bid issued to firm. M/s _____
- (l). Deposit receipt no. & date _____
- Amount: _____
- 
Executive Engineer
- Rs.1000/=
- 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 prorata 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 commencement order, 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

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.

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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. One year experience of relevant work.
7. Turnover at least (03) Three years.
8. Bid Security of required amount.
9. Conditional bid will not be considered.
10. Bid will be evaluated according to SPPR 2010 (Amended 2013).
11. Debarred Contractors bid cannot be accepted.

Clause – 18: Financial Assistance /Advance Payment.

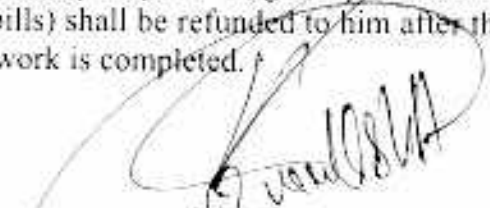
(A) Mobilization advance is not allowed.

(B) Secured Advance against materials brought at site.

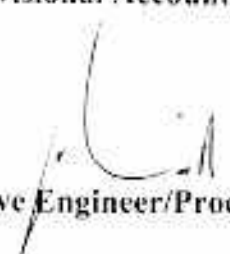
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable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

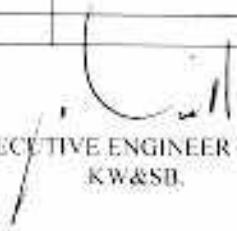
NAME OF WORK: REPAIRING OF ELECTRICAL MOTOR AND P/F OF ELECTRICAL / MECHANICAL ACCESSORIES MS PIPE OF HORIZONTAL PUMP (10&30 HP) AT GREX-I GREX-II AND MAURPUR P/S OF SPD-II

(B) Description and rate of Item based on Market (offered Rates)

S.NO	DESCRIPTION OF WORK / ITEM	QTY.	RATE		PER	AMOUNT
			Rate in Rupees	Rate in Words		
1.	Rewinding of electrical motor 3phase 00/440 volts 50 cycle with best quality insulated copper wire of required gauge including testing on load with satisfactory result up to one weeks time opening and refitting and replacing bolts if necessary excluding the cost of worn out material	10 hp 2 job			Each job	
2	Rewinding of electrical motor 3phase 00/440 volts 50 cycle with best quality insulated copper wire of required gauge including testing on load with satisfactory result up to one weeks time opening and refitting and replacing bolts if necessary excluding the cost of worn out material	30 hp 02 job			Each job	
3	Providing & fixing circuit breaker 25,150,200 &225 amp tp (xs 225 Ns on prepared board as required for maipur pumping station panel board no.03 & 04	02 NO			Each	
4	P/f circuit barker 100 Amps TP (XS 30 NS (NB) on prepared board as required	06 NOs			Each	
5	P/f circuit 30 Amp tp xs30 breaker 30 amp tp xs-30 ns (NB) on prepaid board as required	04 No			Each	
6	P/f magnetic contactor model no. fc65 N (11 A) as required as per inactions of e/i for maripur pumping station panel board no.03 &04	04 NO			Each	
7	P/f magnetic contactor modal no. fc50 as required as per insction of E/i for maipur pumping station panel boar no. 03 &04	02 NOs			Each	
8	P/f magnetic contactor model no. fc25 as reqeuid as per insction of e/i	04 Nos			Each	
9	P/f magnetic contactor model no.fc20 N as required as per inaction of E/i	02 Nos			Each	
10	P/f overload relays for size 2 A /2B model FT20 A as required as per instruction of E/i	02 Nos			Each	
11	P/f volts meter size 96/96 mm direct 30A,50A, as required as per instruction of E/i	06 NO			Each	
12	P/f volts meter size 96/96 mm direct .500 volts, as required as per instruction of E/i	06 NO				
13	Providing & laying (main or sub- main) PVC insulated & copper conductor 600/1000 volts size 16mm ² start motor for maruipur P/s station	20 meter			P/meter	
14	Providing laying (main or sub- Main PVC insulated & copper conductor 600/1000 volts size 50 mm to motor for maipur P/s	20 meter			P/mler	
15	P/f of street light 125 watts HPMVE) having IP54 classification with 125w lamp choke capacitor & internal wiring complete in all respire at the hight up to	03 NO			Each	

NAME OF WORK: REPAIRING OF ELECTRICAL MOTOR AND P/F OF ELECTRICAL / MECHANICAL ACCESSORIES MS PIPE OF HORIZONTAL PUMP (10&30 HP) AT GREX-I GREX-II AND MAURPUR P/S OF SPD-II

	31 ft as site requirement and instruction of E/I				
16	Manufacturing supplying and fixing black steel M.S pipe made out of M.s sheet confirming to API 51 grade x42 ERW & externally as plate coated with fiber glass 5 mm thick (AWWA speciation) i/c itches i/c cost o bens of and degree & testing with water spices pressure for different dia of pipes as below (straight) 8" dia for maurpr P/s station (thickness 7 /9 mm)	30 metr			P/mtr
17	Providing & fixing barras ceiling fac 56 (good quality)	03 NOs			Each
18	Supply of pvc rubber hose pipe 4 dia (DARSON)	90ts			P/ts
19	P/F PM4H -SH multi rang timer Panasonic	02 NO			each
	TOTAL				


 EXECUTIVE ENGINEER (SPD-I)
 KW&SB.

I/we hereby quoted amounting to Rs. _____ (In words) _____

Signature & stamp of Contractor

Address: _____

Contact# _____



STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

(For contracts costing up to Rs.2.5 Million)

(Website N.I.T)

NAME OF WORK: URGENT REPAIRING OF ELECTRICAL MOTOR AND/F OF ELECTRICAL / MECHANICAL ACCESSORIES FOR SUBMERSIBLE PUMP(30 HP) NO1 AND 2 AT EJ-12 AND EJ-14 P/S OF SPD-II

Name of Office

SEWERAGE PUMPING DIVISION I

Clifton pumping station, adjacent C.I.D. Center, near PIDC house, Karachi

Executive Engineer, contact # 03332102163

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

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4. Right of Rejection: The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of PPRA Rules.

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

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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 commencement order, 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 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 work 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: Subcontracting. 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. One year experience of relevant work.
7. Turnover at least (03) Three years.
8. Bid Security of required amount.
9. Conditional bid will not be considered.
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STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS
(For contracts costing up to Rs.2.5 Million)

(Website N.I.T)

NAME OF WORK: URGENT REPAIRING OF ELECTRICAL MOTOR ELECTRICAL / MECHANICAL ACCESSORIES MS PIPE N/R VALVE CONNECTED TO SUBMERSIBLE PUMP (40HP) NO.3 AND CABLE FOR MAIN SUPPLY OF K.E. TO MOTOR ROOM AT JE-12 P/S OF SPD-II

Name of Office

SEWERAGE PUMPING DIVISION II

Clifton pumping station, adjacent C.I.D. Center, near PIDC house, Karachi

Executive Engineer, contact # 03332102163

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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. **Measurements:** All works shall be measured by standard instruments according to the rules.

7. **Evidence of Eligibility:** Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.

8. **Late submission of bids:** Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. **Eligibility criteria:** 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 security:** Bid without bid security of required amount and prescribed form shall be rejected.

11. **Arithmetical errors:** 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.

BIDDING DATA

(A).Name of Procuring Agency:

SEWERAGE PUMPING
DIVISION-II, KW&SB.

(b) Brief description work:

URGENT REPAIRING OF ELECTRICAL MOTOR
ELECTRICAL / MECHANICAL ACCESSORIES MS
PIPE N/R VALVE CONNECTED TO SUBMERSIBLE
PUMP (40HP) NO.3 AND CABLE FOR MAIN
SUPPLY OF K.E. TO MOTOR ROOM AT JE-12 P/S
OF SPD-II

(c).Procuring Agency Address:

CLIFTON PUMPING STATION
ADJACENT C.I.D. CENTRE NEAR P.I.D.C
HOUSE, KARACHI

(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:

10%

Including bid security:

VENUE, TIME AND DATE OF BID
OPENING: THE TENDER IN SEAL
COVER SUPER SCRIBED WITH NAME
OF THE WORK SHOULD BE DROPPED
IN THE TENDER BOX KEPT IN OFFICE
OF THE CHIEF ENGINEER (IP&D) AT
BLOCK 'E' 9TH MILE KARASAZ,
KARACHI ON 27-11-2014 AT 2:30 PM BY
PROCUREMENT COMMITTEE-I

(H).Deadline for submission
Of bid along with time:

27-11-2014 at 2.00 pm.

(I).Time for completion form
Written order commence:

10 days

(j).Liquidity damage

0.5% of bid cost per day of delay


(k). Bid issued to firm.

M/s _____

(l). Deposit receipt no. & date

Amount:

Rs.1000/=


Executive Engineer

Authority Issuing Bidding Document.

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion of work except with the written authority and instructions of the Engineer-in-charge or of 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:-

Conditions of Contract

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

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 contact 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 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: Subcontracting. 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. One year experience of relevant work.
7. Turnover at least (03) Three years.
8. Bid Security of required amount.
9. Conditional bid will not be considered.
10. Bid will be evaluated according to SPPR 2010 (Amended 2013).
11. Debarred Contractors bid cannot be accepted.

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

NAME OF WORK: URGENT REPAIRING OF ELECTRICAL MOTOR ELECTRICAL / MECHANICAL ACCESSORIES MS PIPE N/R VALVE CONNECTED TO SUBMERSIBLE PUMP (40HP) NO.3 AND CABLE FOR MAIN SUPPLY OF K.E. TO MOTOR ROOM AT JE-12 P/S OF SPD-II

(B) Description and rate of Item based on Market (offered Rates)

S.NO	DESCRIPTION OF WORK / ITEM	QTY.	RATE		PER	AMOUNT
			Rate in Rupees	Rate in Words		
1	Rewinding of electrical motor 3phase 00/440 volts 50 cycle with best quality insulated copper wire of required gauge including testing on load with satisfactory result up to one weeks time opening and refitting and replacing bolts if necessary excluding the cost of worn out material	40 hp			One job	
2	Manufacturing supplying and fixing black steel M.S pipe made out of M.s sheet conforming API 51 grade x- 42 ERW & externally as plate coated with fiber glass 5mm thick AWWWA specification) i/c in trenches i/c cost of bends of and degree & testing with water spices pressure for decedent dia of pipes as below (straight) 6 dia for	40 Rft			Pft	
3	P/f circuit breaker 200 amp tp no (xs-225NS) on prepaid board as required at pump no. 3& 2	02 NO			Each	
4	P/f circuit breaker 100 amp tp no (xs-100NS) on prepaid board as required at pump no. 3& 2)	02 NOS			Each	
5	P/f circuit breaker 400 amp tp setting 250-400 AMPs (xs-400c) on prepaid board as required at pump no. 3& 2	02 NOs			Each	
6	P/f magnetic contactor model no. fc65 N as required & as per instruction of e/l	02 NO			Each	
7	p/f magnetic contactor model no. fc 50 N as required & as per instruction of e/l	01 NO			Each	
8	Providing & laying (main or sub main) PVC insulated & PVC sheeted with three core copper conductor 600/1000 volts size 70 mm 2	20meter			Primeter	
9	P/f timer 500 HP backup National after removing of existing burnt / damage old time after disconnection of main power supply & reconnection the same after fixing the timer as required as per instruction of E/L	01 No			Each	
10	Providing upper mechanical seal no 3840367 (imported)	01 NO			Each	
11	Providing lower mechanical seal no 6801400 (imported)	01 NO			Each	
12	Providing O ring kit no. 803279	01 No				
13	Providing upper ball bearing SKF NO 3312-J	01 NO			Each	
14	Providing lower ball bearing SKF NO63088-ZZ	01 NO			Each	
15	P/f ammeters size 96/96 mm direct 30A, 50A, as required as per instruction of E/l	02 NO			Each	
16	P/f volts meter size 96/96 mm 500 volts as requires as per instruction of e/o	02 NO			Each	
17	hose pipe 8 dia for submersible pump delivery pump no 01 & 02 (imported England)	60 fits			P/ft	
18	Labour charges & on transportation from side to work shop back	One job			Each	
19	Battery Exide (12 volts) 27 plates heave duty for 225 kva Generator	02 NO			Each	
20	P/f of street light 125 watts (HPMV) having IP54 classification with 125 w lamp choke, capacitor & internal wiring complete in all	02 No			Each	

NAME OF WORK: URGENT REPAIRING OF ELECTRICAL MOTOR ELECTRICAL / MECHANICAL ACCESSORIES MS PIPE N/R VALVE CONNECTED TO SUBMERSIBLE PUMP (40HP) NO.3 AND CABLE FOR MAIN SUPPLY OF K.E. TO MOTOR ROOM AT JE-12 P/S OF SPD-II

(B) Description and rate of Item based on Market (offered Rates)

S.NO	DESCRIPTION OF WORK / ITEM	QTY.	RATE		PER	AMOUNT
			Rate in Rupees	Rate in Words		
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10	Providing upper mechanical seal no 3840367 (imported)	01 NO			Each	
11	Providing lower mechanical seal no 6831400 (imported)	01 NO			Each	
12	Providing O ring kit no. 803279	01 No				
13	Providing upper ball bearing SKF NO 3312-J	01 NO			Each	
14	Providing lower ball bearing SKF NO63088-ZZ	01 NO			Each	
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16	P/f volts meter size 96/96 mm 500 volts as requires as per instruction of e/o	02 NO			Each	
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