

KARACHI WATER AND SEWERAGE BOARD



TENDER DOCUMENTS

FOR THE WORK OF

**PROTECTION & MAINTENANCE OF FOREBAY
OF G.K. & K-II CONDUIT AND ITS ALLIED
CIVIL STRUCTURE**

**EXECUTIVE ENGINEER
GHARO DIVISION CIVIL**

**Block-B, 9th Mile Karsaz, Shakra-e-Faisal, Near Awami Markaz,
Office # 99245119**

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**EXECUTIVE ENGINEER
GHARO DIVISION CIVIL**

Gharo Pump House, Gharo, District Thatta

Cell # 0321-3285345

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

(For Contracts Costing up to Rs 2.5 MILLION)

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



Karachi Water & Sewerage Board

EXECUTIVE ENGINEER

(Gharo Division Civil)

Gharo Pump House, Gharo, District Thatta

Cell # 0321-3285345

LETTER FOR INVITATION OF BID

ISSUED TO M/S. _____


VIDE RECEIPT NO. _____ Dated _____

The Executive Engineer, Gharo Division Civil, KW&SB invites sealed Tender single stage one envelope through Notice Board for the works mentioned below on the SPPR Rule, 2010 in the presence of other members of Procurement Committee-I & interested bidders or their representative who may be present.

1. Name of Work : PROTECTION & MAINTENANCE OF FOREBAY OF G.K. & K-II CONDUIT AND ITS ALLIED CIVIL STRUCTURE.
2. Amount put to Tender : In Pak Rupees
3. Tender Cost : 25,000/-
4. Earnest Money : 2%
5. Date of Opening : 16-12-2014

GENERAL TERMS & CONDITIONS / ELIGIBILITY AND BID EVALUATION CRITERIA FOR THE GUIDANCE OF CONTRACTORS

- 1) Debarred and blacklisted firms are not eligible.
- 2) Conditional bid shall not be accepted.
- 3) Bid shall be properly signed by contractor with stamp, address & contact number.
- 4) Contractor should attached the copy of NTN and in case of supply item copy of GST Registration, relevant experience of last one year & atleast 3 years turn over.
- 5) The Pay Order of Bid Security as mentioned in NIT must be attached alongwith tender.
- 6) All overwriting & corrections if any must be initialed by the bidder.
- 7) Schedule of work to quote the rate is enclosed.
- 8) The authority shall have the right of rejecting all or any of the Tender and will not be bound to accept the lowest Tender as per relevant provisions of SPPR 2010.
- 9) The Specification, drawings and details can be seen in the office of E.E (GDC), KW&SB.
- 10) All prevailing rules regarding contract data will be applicable.
- 11) Must be having relevant experience.
- 12) Evaluation criteria is attached herewith for evaluation of bid.


Executive Engineer(GDC)
KW&SB

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 K.D(C-I), KW&SB.
- (b). Brief Description of Works PROTECTION & MAINTENANCE OF FOREBAY OF G.K. & K-II CONDUIT AND ITS ALLIED CIVIL STRUCTURE.
- (c). Source of Fund KW&SB.
- (d). Procuring Agency's address:- BLOCK "B" 9TH MILE KARSAZ, NEAR AWAMI MARKAT.
- (e). Estimated Cost:- Rs.9,34,893/-
- (f). Amount of Bid Security:- 2% OF BID COST.
- (g). Period of Bid Validity (90 days):-
- (h). Security Deposit:- (including bid Security):- 10% including Bid Security.
(In % age of bid amount / estimated cost equal to 10 %).
- (i). Percentage, if any, to be deducted from bills:- 7% Income Tax & 1 1/2% WATER CHARGES
- (j). Deadline for issuance of Bids along with time :- 15-12-2014 at 5:00 PM
- (k). Deadline for submission of Bids along with time :- 16-12-2014 at 02:00 PM
- (l). Venue, Time, and Date of Bid Opening :- BLOCK "E" Room No.5, 9TH MILE KARSAZ, NEAR AWAMI MARKAZ, 02:30 PM, 2014
- (m). Time for Completion from written order of commence:- 15 DAYS
- (n). Liquidity damages 0.05 of Estimated Cost of Bid cost per day of delay, but total not exceeding 10% of bid cost.


Executive Engineer,
G.D(Civil), KW&SB.

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 exits:-

- (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.

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.

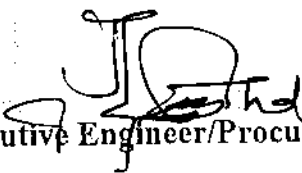
- (A) **Mobilization advance** is not allowed.
- (B) **Secured Advance against materials brought at site.**
- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured 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

OFFICE OF THE EXECUTIVE ENGINEER
KARACHI DIVISION CIVIL-I, KW&SB


B.O.Q.

SUBJECT: PROTECTION & MAINTENANCE OF FOREBAY OF G.K. & K-II CONDUIT
AND ITS ALLIED CIVIL STRUCTURE.

ITEM NO.	DESCRIPTION OF ITEMS	QTY	RATE	PER	AMOUNT
Item No. 1	P/F barbed wire fencing with 12 gauge 4 points @ 6" a part barbed wire i/c strengthening & fixing in angle iron vertical post.	11200		P/Sft	
Item No. 2	P/F angle iron vertical post for barbed wire fencing of 2"x2"x1/4" embedded in RCC / masonry pillar i/c making cuts / holder @ 12" i/c fixing in pillar by chiseling & filling the with cement sand mortar springing & finishing the surface.	325		P/Sft	
Item No. 3	RCC work i/c all labour & material, except the cost of steel reinforcement & its labour for bending & binding which will be paid separately. This rates also includes all kinds of form work, lifting of shuttering curing, rendering & finishing the exposed surface (i/c screaming & washing of singles). RCC work in roof slab, beams, columns, raft, lintel & other structural member laid in situ or precast laid in position complete in all respect (b) precast reinforced C.C. in columns, beam, lintels stair case, shelves etc (1:2:4)	96		P/Cft	
Item No. 4	Fabrication of mild steel reinforcement for C.C. i/c cutting bending laying in position making joints for fastening i/c cost of binding wires (also includes removal of rust).	09		P/Cwt	
Item No. 5	Earth or mud	17600		%Cft	
Item No. 6	Carriage of 100 cft / 5 ton of all materials like stone aggregate spawl, coal lime, surkhi, etc B.G. rail fastening points and crossing bridge girder pipes sheets rail, M.S. Brass etc or 1000 Nos. Bricks 10"x5"x3" or 1000 Nos. Tiles 12" x 6 x 2" or 150 Cft of timber or 100 munds of fuel wood by trucks or any other means owned by the contractors. (5 Miles)	17600		%Cft	
Item No. 7	Filling, dewatering & raming earth under floor with new earth (excavated from outside) lead upto one chain & lift 5-0.	17600		%0Cft	
Item No. 8	Scraping - ordinary distemper, oil bond, distemper point on wall.	1467		%Sft	
Item No. 9	Distemping (Two Coats)	1467		%Sft	

ITEM NO.	DESCRIPTION OF ITEMS	QTY	RATE	PER	AMOUNT
Item No. 10	Scraping, brushing & removing old paint from metal surface.	669.30		%Sft	
Item No. 11	Painting guards bar, gates, iron bar, grating, railing i/c standard brassess similar open work (Two Coats).	669.30		%Sft	
				Total	
Amount in words (_____)					

I / We hereby quoted the cost of Rs. _____
for execution of the above work and I / We hereby undertaking
to accept all clauses of SPPR, 2010.


Executive Engineer,
(GDC), KWSB.

Signature of Contractor
with Name of Firm & Seal

Address : _____

Contact # _____

1. Tender's received in Sealed Cover (Y/N) and opened by Procurement Committee-I
2. No cutting and overwriting found.
3. Pay order No. _____ drawn Bank _____
dated _____ amount _____
4. Quoted Amount Rs. _____
(words _____)
After rebate if any.

Accounts Officer(B.T)

Superintending Engineer KMC

Add. Dir(I.A) KMC

Chief Engineer(B.T)
KW&SB

Chief Engineer(IPD),
K.W.&S.B.

(B) Description and rate of Items based on Market (Offered rates)

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees

Total (B) in words & figures:

Contractor


Executive Engineer/Procuring Agency

Summary of Bill of Quantities.

Cost of Bid


Amount

1. (A) Cost based on Composite Schedule of Rates. <

2. (B) Cost based on Non/Offered Schedule of Rates. < X

TOTAL COST OF BID (C) = Total (A) + Total (B)

Contractor


Executive Engineer/Procuring Agency