### KARACHI WATER AND SEWERAGE BOARD OFFICE OF THE EXECUTIVE ENGINEER KORANGI DIVISION SEWERAGE DIVISION

FIRST FLOOR KDA BUILDING KORANGI NEAR AWAMI POLICE STATION, NO: 4 KARACHI CELL NO: 0321-9260360

# NOTICE FOR INVITING TENDER THROUGH WEB SITE ONE "ITEM RATE BASIS"

l	Name Of Work	REPLACEMENT OF SUNK DOWN DAMAGED / BROKEN SEWERAGE LINE BY 24" DIA RCC PIPE MAINLINE ION SECTOR 48-A,16000RD AND NEAR EYE HOSPITAL SECTOR 41-B,UC-03 AND UC -04 KORANGI DIVISION(ESTIMATE COST RS:5,84,538)
2	Eligibility of bidder	Bidder should having N.T.N certificate.
3	Tender can be purchased	In charge Revenue Accounts Section Finance Department, KW&SB Head office annexy building of KBCA at civic centre Karachi from 9:00 AM to 01:00 P.M in any working day except the date opening of the Tender.
4	Bid Security	2% quoted amount in shape of pay order /Bank draft from any schedule bank of Pakistan in the favor of KW&SB must be accompanied with the tender other wise the tenders shall be treated as invalid & rejected
5	Tender Fee	RS:1000/- in shape of Pay Order in the name of KW&SB. (non Refundable)
6	Start date of issuing bidding document	W.E.F Ist date of hoisting of NIT on SPPRA website.
7	Last Date of Issuing bidding Document	One day before the opening date of tender.
8	Date and time of Receiving / Opening of Tenders	2:30PM. 2013 at 2:00PM & opened on
9	Place of Opening	Tender will be opened by the procurement committee- I in the office of the CE (IPD) / situated at Block "B" 9th mile Karsaz Shahra-e-Faisal, Karachi.
10	Funding Position	KW&SB own Funds
11	Scope of work	Improvement of sewerage system in Korangi division.

- Note: The procuring Agency may reject all or any bids subject to the relevant provisions
  of SPPRA Rules-2010.
- 2. Bidding Document can be downloaded from SPPRA website
- In case of undesirable circumstances on submission /opening date & time or if government declare the holiday the tender shall be submitted /opened on the next working day at the same time & venue.

EXECUTIVE ENGINEER (SEW) KORANGI DIVISION, KW&SB



# TENDER DOCUMENTS

### FOR THE WORK OF

REPLACEMENT OF SUNKDOWN DAMAGED / BROKEN SEWERAGE LINE BY 24" DIA RCC PIPE MAIN LINE IN SECTOR 48-A,16000RD AND NEAR EYE HOSPITAL SECTOR 41-8,UC 03, AND UC 04,KORANGI DIVISION.

### EXECUTIVE ENGINEER (SEWERAGE) KORANGI DIVISION

KARACHI WATER & SEWERAGE BOARD

#### KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE EXECUTIVE ENGINEER SEWERAGE KORANGI DIVISION

SUBJECT: REPLACEMENT OF SUNKDOWN DAMAGED / BROKEN SEWERAGE LINE BY 24" DIA RCC PIPE MAIN LINE IN SECTOR 48-A,16000RD AND NEAR EYE HOSPITAL SECTOR 41-BUC 03, AND UC 03,KORANGI DIVISION.

Estimated Cost: on item Rate Basis			Issued to M/S		
Time Limit: Tender Cost:	Rs:		Pay Order No:	Dated	
Penalty:		=7			

S.NO	DESCRIPTION	QUANTITY	RATE	PER	AMOUNT
1	Dismantling & removing road metalling.	864 <b>6</b> ft		% <b>₫</b> t	
2	Excavation for pipe line in trenches pits in all kind of soil; of murum i/c trimming and dressing siode to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earthy woth o a one chain as directed by engineer incharge. Providing fence guards, lights, flages and temporary crossing for non-vehicular traffic where ever required lift upto 5ft.(1.52m) and lead upto one chian 100fts.(30.5m).			%0Cft	
3	Excavation for pipe line in trenches pits in all kind of soil; of murum i/c trimming and dressing siode to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earthy woth o a one chain as directed by engineer incharge. Providing fence guards, lights, flages and temporary crossing for non-vehicular traffic where ever required lift upto 5ft. (1.52m) and lead upto one chian 100fts. (30.5m).  a)——do———5' to8' b)——do———8' to 11'			%0Cft %0Cft	

4	Excavation for pipe line ijjn trenches and pits in soft rock by hammering and chiseling where balasing is not practicable or prohibited i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as direcyted by engineer incharge.providing fences guards,lights,flags and temporary crossing for non-vehicular traffic where ever required lift upto 5ft (1.52m) and lead upto one chain 1000fts.(30.5m).  a)do n 8' to 11"	2304Cft	%0Cft
5	Full hair Charges of pumping set i/c wages of driver and asstt:fule on electric energy platform required for placing pump and delivery pipe for pumping out water found at lower depth with suction various depth including the cost of dismantling after com:of job hire charges of pumping set of upto 10hp pumping out water	20Days	P/Day
6	from 10' feet deep trench.  Providing /Laying of RCC rubber ring joint and fitting in trenches including cutting fitting and jointing with rubber ring i/c testing with water to specified pressure.  24"O	288Rft	P/Rft
7	Providing Manhole 4' internal dia without RCC cover with C.I frame (15Kg) & 5 feet clear depth cast in situ 1:2:4 using 50% g bajri 9" thick wall 1:4:8 CC in 5' dia 6" thick in foundation 1:2:4 CC in benching ½" thick cement plaster 1:3 on inside wall & surface of channel & i/c making required nos of main branches channel 34" dia bar for M/s		

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	footrest at 12" C/C i/c excavation in all kind soil, back filling disposal of surplus stuff complete as per drawing & design & instruction of the Engineer In charge.	6Nos	Each	
3	Add for extra depth beyond 5" deduct at the same rate.	36.00Rft	P/Rft	
9	Making connection with the existing manhole i/c the cost of cutting hole in wall making them good in CC 1:2:4 & making required channel etc complete.	2Nos	Each	
10	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete.	15271Cft	%0Cft	
			Total	

EXECUTIVE ENGINEER (SEW)
KORANGI DIVISION KW&SB

I we hereby quoted bid amount of Rs	
Rupees	
Signature of Contractor	)
Address	

# STANDARD BIDDING DOCUMENT

### PROCUREMENT OF WORKS

(For Contracts Costing upto Rs 2.5 MILLION)

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

# STANDARD BIDDING DOCUMENT PROCUREMENT OF WORKS

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## 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 Bidding Data.

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

 Notice Inviting Tender/ Invitation for Bid: 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.

- Content of Bidding Documents: It 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.
- 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. Right of Rejection; The Procuring Agency shall have right of rejecting all or any 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

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.

- Measurements: All works shall be measured by standard instruments according
  to the rules.
- Evidence of Eligibility: Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
- S. Late submission of bids: Any bid received by the Agencyafter the
- 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 agramment. If the bidder does not fulfill any of these conditions, it shall not be aduated further.
- Bid security: Bid without bid security of required amount and prescribed form
   security: Bid without bid security of required amount and prescribed form
- 11. Arithmetical errors: Bids determined to be substantially responsive shall be thethed for any arithmetic errors. Arithmetical errors shall be rectified on the following cases:
  - (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.



Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern. (C)

### BIDDING DATA

This section should be filled in by the Engir Bidding Documents).	neer/Procuring Agency before issuance of the
12). Name of Procuring Agency	2
b). Brief Description of Works	
(c). Procuring Agency's address:-	
(d), Estimated Cost:	#
(e). Amount of Bid Security:-	(Fill in lump sum amount
or in % age or bid amount /estimated cos	
f). Period of Bid Validity (days):-	(Not more than sixty days).
(g). Security Deposit:-(including bid securi	ty):
17 % age of bid amount /estimated cost equa	
(h). Percentage, if any, to be deducted from	i bilis:
(i). Deadline for Issuance of Bids along with	ı time:-
ij). Deadline for Submission of Bids along v	vith time :
(k). Venue, Time, and Date of Bid Opening	
(k). Time for Completion from written orde	
L). Liquidity damages:-	
per day of delay, but total not exceeding	g 10% or bid cost).
m). Deposit Receipt No: Date:	Amount: (in words and figures)
(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 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 to 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 carring the execution of the wok, contractor shall be bound, in all in which the time blowed 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 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 reduct liquidated damages from payments due to the contractor. Payment of liquidated tamages 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;
  - 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 Lourses as may deem fit:-

- 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 engineerin writing regarding the performance of such work and has not been paid.

Frocuring 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 showed for any delay caused in starting of the work on account of any acquisition of and water standing in borrow pits/ compartments or in according sanction to estimates. It such case, either date of commencement will be changed or period of completion is to the extended accordingly.

Clause – 5: Extension of Intended Completion Date. The Procuring Agency either at 13 own initiatives before the date of completion or on desire of the contractor may extend 13 intended completion date, if an event (which hinders the execution of contract) occurs 17 a variation order is issued which makes it impossible tocomplete the work by the 13 ended completion date for such period as he may think necessary or proper. The 14 existent 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 4 ork shall be the date fixed by the order giving the extension or by the aggregate of all 13 purple orders, made under this agreement.

Then 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, with and instructions in writing relating to the work signed by the Engineer-in-charge include in his office and to which the contractor shall be entitled to have access at such the contractor of the site of work for the purpose of inspection during office hours and the inductor 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

#### Clause - 7: Payments.

Interim/Running Bill. A bill shall be submitted by the contractor as frequently as progress of the work may justify for all work executed and not included in any progress of the work may justify for all work executed and not included in any the includes the requisite measurements for the purpose of having the same verified and the latent as for as admissible, adjusted, if possible before the expiry of ten days from the included in 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 included list will be sufficient to warrant and the Engineer-in-charge may prepare a 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 advance payment if any made to him and taxes.

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

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

Clause - 8: Reduced Rates. In cases where the items of work are not accepted as so impleted, 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.

### Cause - 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



Exercises: of new work items that are either due to change of plans, design or surface of the contract, within the general scope and physical

- 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 cases, as are specified in the tender for the main work. The contractor has no right to 1 and for compensation by reason of alterations or curtailment of the work.
- It case the nature of the work in the variation does not correspond with items in the European tems of work, and if the Engineer-in-charge is satisfied that the rate quoted is a that rate worked out by him on detailed rate analysis, and then only he shall allow that rate after approval from higher authority.
- \*D: The time for the completion of the work shall be extended in the proportion that the
- E) In case of quantities of work executed result the Initial Contract Price to be exceeded 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.
- Fr Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, be subject of another contract to be tendered out if the works are separable from the ingenal contract.

### Clause - 10: Quality Control.

- A Identifying Defects: If at any time before the security deposit is refunded to the source during defect liability period mentioned in bid data, the Engineer-in-charge or subordinate-in-charge of the workmay instruct the contractor to uncover and test any of the works which he considers may have a defect due to use of unsound materials unskillful workmanship and the contractor has to carry out a test at his own cost
- E) 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 intractor 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.

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

Crause - 11: (A) Inspection of Operations. The Engineer and his subordinates, shall at reasonable times have access to the site for supervision and inspection of worksunder in course of execution in pursuance of the contract and the contractor shall afford the 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 active of the intention of the Engineer-in-charge or his subordinate to visit the work shall the been given to the contractor, then he either himself be present to receive orders and marrictions, 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 the same force an effect as if they had been given to the contractor himself.

### Ciause - 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 puing notice of not less than five days to the Engineer whenever any such part of the orks 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 intractor 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 largault 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 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 ring with the Engineer.

Chasse - 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 activitie 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 incharge) of such completion, but neither such certificate shall be given nor shall the work considered to be complete until the contractor shall have removed all temporary chaning debris and dirt at the site. If the contractor fails to comply with the requirements this clause then Engineer-in-charge, may at the expense of the contractor remove and surred from the contractor's retention money. The contractor shall have no claim in the property of any surplus materials as aforesaid except for any surn actually realized by the

#### Le - 18: Financial Assistance /Advance Payment.

vIobilization advance is not allowed.

secured Advance againstmaterials 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).
- se 19: Recovery as arrears of Land Revenue. Any sum due to the Government e contractor shall be liable for recovery as arrears of Land Revenue.
- se 20: Refund of Security Deposit/Retention Money. On completion of the z of the works (a work should be considered as complete for the purpose of refund curity deposit to a contractor from the last date on which its final measurements are ted by a competent authority, if such sheck is necessary otherwise from the last date cording the final measurements), the defects notice period has also passed and the teer has certified that all defects notified to the contractor before the end of this I have been corrected, the security deposit lodged by a contractor (in cash or ered in installments from his bills) shall be refunded to him after the expiry of three his from the date on which the work is completed.

DIVISIONAL A COUNTS

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Executive Engineer/Procuring Agency