



## **TENDER DOCUMENTS**

**FOR THE WORK OF**

**REHABILITATION / REPLACEMENT OF  
DEFECTED SEWERAGE SYSTEM 12" DIA RCC  
PIPE AT C-32/1 BLOCK-07 NEAR SAFOORA  
CHOWK OPPOSITE GUL HOUSE SOCIETY  
INCLUDING DESILTING OF 12" DIA BADLY  
SITED SEWERAGE LINE AT DIFFERENT  
LOCATIONS OF GULISTAN-E-JAUHAR  
DIVISION.**

**EXECUTIVE ENGINEER (SEW)  
GULISTAN-E-JAUHAR DIVISION,  
DISTRICT EAST**

**KARACHI WATER & SEWERAGE BOARD**

# KARACHI WATER & SEWERAGE BOARD

## OFFICE OF THE EXECUTIVE ENGINEER (SEW)

GULISTAN-E-JAUHAR DIVISION, GULSHAN-E-IQBAL TOWN DISTRICT EAST

### ABSTRACT OF COST.

SUBJECT:- **REHABILITATION / REPLACEMENT OF DEFECTED SEWERAGE SYSTEM 12" DIA RCC PIPE AT C-32/1 BLOCK-07 NEAR SAFOORA CHOWK OPPOSITE GUL HOUSE SOCIETY INCLUDING DESILTING OF 12" DIA BADLY SITED SEWERAGE LINE AT DIFFERENT LOCATIONS OF GULISTAN-E-JAUHAR DIVISION.**

Estimated Cost On Item Rate Basis.  
Tender Cost. Rs.1000/=   
Time Limit. 15 Days.  
Penalty Rs.500/= Per Day

Issued to M/s. \_\_\_\_\_  
Pay Order No. \_\_\_\_\_ Dated: \_\_\_\_\_

ISSUING AUTHORITY

S.NO.	DESCRIPTION	QTY.	RATE		PER UNIT / ITEM	AMOUNT IN RUPEES
			Rupees in Figures.	Rupees in Words.		
1.	Scarifying the existing road surface.	2580 Sft			% Sft	
2.	Dismantling & removing road metaling.	2580 Cft			% Cft	
3.	Excavation for pipe line in trenches and pits in all kind of soils of murum i/c trimming and dressing sides to true alignment and shape leveling at beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth with in a one chain as directed by Engineer Incharge. Providing fence guards lights, flags and transportation crossing for non vehicular traffic where every required, lift upto 5' and lead upto one chain (0'-5')	5160 Cft			%0Cft	
4.	Excavation for pipe line in trench and pits in wet soils, clay or mud i/c trimming & 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 in one chain as directed by Engineer Incharge, providing fence guards, lights flags and temporary crossing for non vehicular traffic where ever required lift upto 5ft and lead upto one chain. Lift 0' -5'	5160 Cft			%0Cft	
5.	Providing & Laying of RCC pipe with Rubber Ring joint and fitting in trench including cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure. 08" dia pipe. 12" dia Pipe.	520 Rft 408 Rft			P/Rft P/Rft	

S.NO.	DESCRIPTION	QTY.	RATE		PER UNIT / ITEM	AMOUNT IN RUPEES
			Rupees in Figures.	Rupees in Words.		
6.	Providing manholes 4' inside with C.I frame 15 Kg 5 ft clear depth 1:2:4 cast in situ in 9" thick wall 1:4:8 C.C in 6 ft dia and 8" dia thick in foundation 1:2:4 c.c in benching ½" thick C.P 1:3 mortar in inside walls and surface of channel / benching i/c making required numbers of main and branch channels ¾" dia bars M.S footrest at 12" dia c/c in cost of excavation of all kinds of soils backing filling and disposal of excavated stuff etc complete as per design and instruction of the Engineer Incharge.	16 Nos.			Each	
7.	Full hire charges of the Pumping set per day inclusive of wages of driver and assistant fuel or electric energy plate form required for placing pumps etc at lowest depth with suction end delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. Hire charges of Pumping set upto 10 HP Pumping and water from 10' deep trenches	20 Days			Each	
8.	Making connection with the existing manhole i/c the cost of cutting hole in wall making them good in C.C 1:2:4 and making required channel etc complete.	20 Nos.			Each	
9.	Manufacturing & Supplying of RCC Ring Slabs of 21" dia (inside), 36" dia outside 7.5" width nad 6" thick i/c 3/8" dia for steel bars two concentric rings with 3/8" dia 8 Nos cross linked bars welded in 1:1 ½ : 3 concrete with embedded 15 Kg C.I frame in perfect position i/c transportation charges for an average lead of 20 Km per trip from casting yard to town office (A minimum of 25 slabs per trip will be transported).	20 Nos.			Each	
10.	Shifting to the site and fixing of 36" dia (outer) Ring Slab in perfect position on damaged manholes i/c cutting of damaged portion of manhole in proper shape and laying of cement mortar of 2" thickness and disposal of the debris.	20 Nos.			Each	
11.	Manufacturing and supplying RCC manhole covers cast in 1:2:4 concrete ratio 3" inch deep at center, reinforced with ½" dia tor steel bar @ 4" C.C etc welded to 3/16" thick 2" wide M.S plate two hooks of 3/8" dia tor bar i/c compacting i/c curing and transportation with in ten miles.  <b>21" dia</b>	36 Nos.			Each	

S.NO.	DESCRIPTION	QTY.	RATE		PER UNIT / ITEM	AMOUNT IN RUPEES
			Rupees in Figures.	Rupees in Words.		
12.	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete.	10335 Cft			%0Cft	
13.	Cartage of 100 Cft / 5 Tons of all materials like stone aggregate spawl, coal lime, surkhi etc B.G Rail fastening points and crossing bridges, Girders pipes shts Rail. M.S bars tc or 1000 Nos bricks 10"x5"x3" or 1000 Nos tiles 12"x6"x2 or 150 Cft of timber br. 100 Maunds of fuel wood by truck or any other means owned by the contractors.	2565 Cft			% Cft	
14.	Cleaning inside sewerage lines completely restoring original silt free space / diameter of pipe line by labour and equipment (Mechanically / Electrically driven). Including accessories like pulley's steel rope buckets and draggers sizing from 6" to 18" dia. Their "to and fro" pulling action (No of passes shall be as many as required) would be taken in two phases (First phase entire length from down stream to up steam) bringing down peak hours sewerage to flow inside pipe line (as free flow) and in second phase from up stream to down stream of entire length ensuring no silt is observed in buckets (6" dia to 18" dia) except only sewage water and finally passing a steel ball of 12" dia lesser than the diameter of pipe but not exceeding 48" dia ball even for larger dia pipe to ensure perfect cleaning. The job includes all the hire / cost of equipment and accessories of above winching machine / devices alongwith / engines with winching drum set having steel rope pulley mounted over it, steel bucket fro 6" to 18" dia hooks and other protections like safety barriers, traffic sings, traffic cones ensuring no damage to pipe alongwith ensuring safety to labour and other public property lives and removal silts/solid during desilting and clearance of site etc complete as per fully satisfaction of site Engineer.	1200 Rft			P/Rft	

S.NO.	DESCRIPTION	QTY.	RATE		PER UNIT / ITEM	AMOUNT IN RUPEES
			Rupees in Figures.	Rupees in Words.		
(i)	From A-39 to A-407 Block-07	300 Rft			P/Rft	
(ii)	From B-39 to B-57 Block-07	400 Rft			P/Rft	
(iii)	From B-14 to B-24 Block-07	300 Rft			P/Rft	
(iv)	From A-465 to A-480 Block-07	200 Rft			P/Rft	
	<b>TOTAL</b>					

EXECUTIVE ENGINEER (SEW)  
GULISTAN-E-JAUHAR DIVISION  
K.W.&S.B.

I hereby quoted Amounting to Rs. \_\_\_\_\_ (In words) \_\_\_\_\_

Note :- All existing SPPRA Rule will be abide.

Signature & Stamp of the Contractor

Address

# **SPPRA PREQUALIFICATION DOCUMENT**

**STANDARD FORM OF BIDDING DOCUMENT**

**FOR**

**PROCUREMENT OF WORKS**

(For Contracts (Small) amounting between Rs.2.5 million to Rs.50 million)

(Harmonized with SPPRA Rules)

2.1 Provision of Site: On the Commencement Date

3.1 Authorized person: \_\_\_\_\_

3.2 Name and address of Engineer's/Procuring Agency's representative

\_\_\_\_\_

4.4 Performance Security:

Amount \_\_\_\_\_

Validity \_\_\_\_\_

(Form: As provided under Standard Forms of these Documents)

5.1 Requirements for Contractor's design (if any):

Specification Clause No's \_\_\_\_\_

7.2 Programme:

Time for submission; Within fourteen (14) days\* of the Commencement Date.

Form of programme: \_\_\_\_\_ (Bar Chart/CPM/PERT or other)

7.4 Amount payable due to failure to complete shall be \_\_\_% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance

(Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day.)

7.5 Early Completion

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

9.1 Period for remedying defects

\_\_\_\_\_  
\_\_\_\_\_

10.2 (e) Variation procedures:

Day work rates \_\_\_\_\_  
\_\_\_\_\_ (details)

11.1 Terms of Payments

a) Mobilization Advance

(1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

- (i) on submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan to the Procuring Agency;
- (ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and
- (iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5<sup>th</sup> of the advance inclusive of the interest thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

2) Secured Advance on Materials

- (a) The Contractor shall be entitled to receive from the Procuring Agency Secured Advance against an INDENTURE BOND in P W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Procuring Agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:
  - (i) The materials are in accordance with the Specifications for the Permanent Works;
  - (ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;
  - (iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer,
  - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;
  - (v) Ownership of such materials shall be deemed to vest in the Procuring Agency and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Procuring Agency;
  - (vi) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;



11.3 Percentage of retention\*: *five (5%)*

11.6 Currency of payment: Pak. Rupees

14.1 Insurances: *(Procuring Agency may decide, keeping in view the nature and the scope of the work)*

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

\_\_\_\_\_  
*(The minimum amount of third party insurance should be assessed by the Procuring Agency and entered).*

Workers:

\_\_\_\_\_  
\_\_\_\_\_

Other cover\*:

\_\_\_\_\_  
*(In each case name of insured is Contractor and Procuring Agency)*

14.2 Amount to be recovered

Premium plus \_\_\_\_\_ percent (\_\_\_\_%).

15.3 Arbitration\*\*

Place of Arbitration: \_\_\_\_\_

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\* *(Procuring Agency to specify as appropriate)*

\*\* *(It has to be in the Province of Sindh)*

## EVALUATION CRITERIA OF THE TENDER UPTO 1.00 MILLION.

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

1. Bid shall be in sealed Cover.
2. Bid shall be properly signed by the Contractor with Stamp.
3. Name of firm, postal address, Telephone number, Fax number, E-mail address must be written.
4. Rate must be quoted in figures and words.
5. NTN and Sales Tax (Where applicable).
6. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(I)(iii) of SPP Rules, 2010 (amended 2014).
7. Relevant Experience of work (03) Three Years.
8. Turnover at least (03) Years.
9. Bid Security of required amount.
10. Conditional bid will not be considered.
11. Bid will be evaluated accordingly to SPPR-2010(Amended 2013).
12. Debarred Contractors bid cannot be accept.
13. Bid shall be in sealed Cover.
14. Bid shall be properly signed by the Contractor with Stamp.
15. Name of firm, postal address, Telephone number, Fax number, E-mail address must be written.
16. Rate must be quoted in figures and words.
17. NTN and Sales Tax (Where applicable).
18. Contractor should be registered with Sindh Revenue Board in terms of Rule-46(I)(iii) of SPP Rules, 2010 (amended 2014).
19. Relevant Experience of work (03) Three Years.
20. Turnover at least (03) Years.
21. Bid Security of required amount.
22. Conditional bid will not be considered.
23. Bid will be evaluated accordingly to SPPR-2010(Amended 2013).
24. Debarred Contractors bid cannot be accept.

- (vii) Secured Advance should not be allowed unless & until the previous advance, if any, fully recovered;
  - (viii) Detailed account of advances must be kept in part II of running account bill; and
  - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract
- (b) Recovery of Secured Advance:
- (i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.
  - (ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced by making deduction entries in the column; "deduct quantity utilized in work measured since previous bill," equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.
- (c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- (i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.
  - (ii) value of secured advance on the materials and valuation of variations (if any).
  - (iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information
- (v) Retention money and other advances are to be recovered from the bill submitted by contractor.
- 11.2 \*(a) Valuation of the Works:
- i) Lump sum price \_\_\_\_\_ (details), or
  - ii) Lump sum price with schedules of rates \_\_\_\_\_ (details), or
  - iii) Lump sum price with bill of quantities \_\_\_\_\_ (details), or
  - iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on premium above or below quoted on the rates mentioned in CSR \_\_\_\_\_ (details), or/and
  - v) Cost reimbursable \_\_\_\_\_ (details)

## CONTRACT DATA

*(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring Agency prior to issuance of the Bidding Documents.)*

### Sub-Clauses of Conditions of Contract

1.1.3 Procuring Agency's Drawings, if any  
*(To be listed by the Procuring Agency)*

1.1.4 The Procuring Agency means

\_\_\_\_\_

1.1.5 The Contractor means

\_\_\_\_\_

1.1.7 Commencement Date means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 Time for Completion \_\_\_\_\_ days

*(The time for completion of the whole of the Works should be assessed by the Procuring Agency)*

1.1.20 Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details

\_\_\_\_\_

\_\_\_\_\_

1.3 Documents forming the Contract listed in the order of priority:

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) \_\_\_\_\_
- (j) \_\_\_\_\_

*(The Procuring Agency may add, in order of priority, such other documents as form part of the Contract. Delete the document, if not applicable)*