

KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE EXECUTIVE ENGINEER
WATER KORANGI DIVISION

SUBJECT: P/L 160MM POLYTHENE PIPE I/CONNECTION FROM 33" DIA LINE TO 6" DIA EXISTING LINE TO IMPROVEMENT THE WATER SUPPLY SYSTEM IN J-AREA 13000RD KORANGI DIVISION.

Estimated Cost: on item Rate Basis

Issued to M/S _____

Time Limit: _____ Days

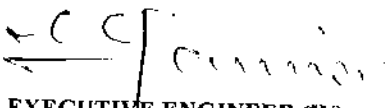
Tender Cost: Rs: _____/-

Pay Order No: _____ Dated _____

Penalty: Rs: _____/-

S.NO	DESCRIPTION	QUANTITY	RATE	PER	AMOUNT
1	Scarifying the existing road surface.	900 Sft		%sft	
2	Excavation for pipe line in trenches and pits in all kind clay or mud 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 directed by engineer incharge. providing frame guards. light flags and temporary crosswings for non-vehicular traffic where ever requires lift upto 5ft (1.25m) and lead upto one chain (30.5m). 0'-5' 5' to 8'	5625 Cft 2250 Cft		%0Cft %0Cft	
3	Providing laying & fixing in trench i/c fitting, jointing & testing etc. complete in all respect the high density polyethylene PE pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PN-10) 160MM	375 Rft		P/Rft	
4	Providing & fixing M.S split collar tee on PRCC pipe of different sizes having width as mentioned against each fabricated with 3/8" thick M.S plate excluding the cost of the neck. It includes the cost of 3/4" thick M.S square bars on both ends, 4nos 3/4" thick M.S flange, with a total weight as mentioned etc. Wide 2'-6' net weight 248.15 33"x33"	3 Nos		Each	
4(B)	P/f split collar 9" wide on A.C pipe fabricated with 1/4" thick M.S plate i/c the cost of 1/4" thick flanges nuts bolts, rubber packing labour and sealing material etc complete .Net weight=10.49Kg. 6" Dia	3 Nos		Each	
5	Providing & fixing 0-9" long 3/8" thick M.S neck to existing M.S pipe to a split collar tee having a total weight as mentioned against each item it include the cost of fabrication and welding to the split collar tee. NetWeight10.909Kgs 6"Dia	6 Nos		Each	

6	C.I sluice Valve heavy pattern (Test pressure 21.0Kg/Sq. com.or 300Lbs/sq. inch)(imported). 6"	3 Nos		Each	
7	Fixing of sluice valves with 2-cast iron tailpieces, one end flanged and other with socket including the cost of nuts bolts and rubber paking labour etc complete. 6"	3 Nos		Each	
8	Full hair Charges of pumping set i/c wages of driver and asst: 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 (10'-15') hire charges of pumping set of upto 10hp pumping out water from 10' feet deep trench.	10 Days		P/Day	
9	Construction of C.CB/M chamber of size, as required dimension with 24"x24" C.I coner from weight 65Kg fixed in RCC 1:2:4 slab with steel 1/2" tor bar@ 6" c/c with bent up both way 1/4" dia 8" c/c distribution bars C.C 1:3:6 B/M wall set 1:6 6" c/c 1:4:8 in foundation 2" thick C.C 1:2:4 flooring 1/2" thick cement plaster 1:3 inside wall surface 1"-0" deep up to roof slab i/c M.S footrest 5/8" dia bar at every 2" deep i/c curing dewatering excavation refilling and disposal of surplus earth etc complete. 6x6x6	3 Nos		Each	
10	Repairing of leaking joint (External Vatta) on PRCC pipe of various diameter it i/c the cost of Excavation, labor sealing gunny bags, dewatering and refilling of the excavated stuff etc complete. 15"Ø 24"Ø	20 Nos		Each	
		8 Nos		Each	
11	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc.complete.	7802.43 Cft		%0Cft	
				Total	


EXECUTIVE ENGINEER (W)
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 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.

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. Measurement: 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.

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:-

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. Draft Bidding Document for Works up to 2.5 M

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.

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

Clause – 11: (A) Inspection of Operations. The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

(B) Dates for Inspection and Testing. The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

(A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;

(B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

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

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities

(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