



FOR THE WORK

**REHABILITATION OF UNDER
GROUND WATER TANK AT
7D PUMP HOUSE FOR THE
IMPROVEMENT OF WATER
SUPPLY IN SECTORS OF 7D
IN NEW KARACHI TOWN.**

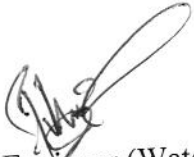
**EXECUTIVE ENGINEER NORTH KARACHI
(WATER & E&M)**

KARACHI WATER & SEWERAGE BOARD

BIDDING DATA

- (a) Name of Procuring Agency Karachi Water & Sewerage Board
- (b) Brief Description of Work Rehabilitation of Under Ground Water Tank at 7D Pump House For The Improvement Of Water Supply In Sectors Of 7d In New Karachi Town.
- (c) Procuring Agency Address North Karachi (E&M), KW&SB.
- (d) Estimate Cost On item rate basis
- (e) Amount of Bid Security 2% of Bid Amount
- (f) Period of Bid Validity 90 Days
- (g) Security Deposit (Including Bid Security) 10%
- (h) Venue, Time and Date of Bid The Tender in sealed cover super scribed with the 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 Karsaz, Karachi on _____ at 2:00 PM by procurement Committee.
- (i) Deadline for submission of Bid along with time. _____-2014 2:00 P.M
- (j) Time for completion from Written order commence 30 Days
- (k) Liquidity damage 0.5% of Bid Cost per day of delay
- (l) Bid issued to Firm M/s _____
- (m) Deposit Receipt No. & Date _____
- Amount Rs. /-

Authority Issuing Bidding Document


Executive Engineer (Water & E&M)
North Karachi, KW&SB

(Part-'A')

**OFFICE OF THE EXECUTIVE ENGINEER NORTH KARACHI (WATER)
KARACHI WATER & SEWERAGE BOARD**

Name of Work:-

REHABILITATION OF UNDER GROUND WATER TANK AT 7D PUMP HOUSE FOR THE
IMPROVEMENT OF WATER SUPPLY IN SECTORS OF 7D IN NEW KARACHI TOWN

Estimate : On Item Rate basis

Time limit : 20 days

Penalty for delay : 3000/- Per Day

Tender Cost : Rs. 2000/-

Date Of Receiving _____ 2014 at 2:00P.M and Opened at _____ 2014 2:30P.M in the office of Chief Engineer (IP&D), Block E 9th Mile Shahrah-e-Faisal Karachi.

S.NO.	DESCRIPTION	QTY	RATE		Per Unit / Item	Amount in Rupees
			Rupees in Figures	Rupees in Words		
1.	Excavation for tank and reservoirs in slushy or dillydally soft i/c trimming and dressing sides to true alignment / design section / profiles and shape leveling of beds of tanks to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus. Excavation earth within one chain as directed by Engineer Incharge. i/c providing fence guards lights flags where ever required lift up to 5 feet (1.52M) and lead up to one chain (30.5 M).	2565 Cft			% 0 Cft	
	5ft to 8ft	1539 Cft			% 0 Cft	
	8ft to 11ft	1539 Cft			% 0 Cft	
	11ft to 14ft	1026 Cft			% 0 Cft	
2.	Excavation for tanks and reservoir in hard rock where blasting is not practicable or is prohibited by hammering and chiseling disintegrated rock by blasting i/c trimming and dressing sides to true alignment / design section / profiles and shape leveling of beds of trench to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus earth Excavation earth within a one chain as directed by Engineer Incharge i/c providing fence guards lights flags and temporary crossing for non vehicular traffic where ever required lift up to	513 Cft			% 0 Cft	
3.	Full hire charges of the pumping set P/day inclusive the wages and driver and assistant fuel and electric energy plate forms required for placing pump etc at lower depth with suction and delivery pipe for pumping out water found at various depth from trenches including the cost of erection and dismantling after completion of the job higher charges of pumping set of up to 10 H.P Pumping out water from 10 ft deep trenches.	32 days			P/Day	
4.	Cement concrete bricks or stone blast 1 ½ to 2 gauge. (b) ration 1:4:8	251.75 Cft			% Cft	
5.	R.C.C work i/c all Labour and material except the cost of steel reinforcement and its Labour for bending and binding which will be paid separately This rate also i/c all kind of forms moulds lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingle) (a) R.C work in roof, slab beam, columns, rafts, Lintels and other structural members laid in situ or precast position complete in all respects. (i) Ratio (1:2:4) 90 lbs cement 2 Cft sand 4 Cft shingle 1/8 to ¼ gauge	1726 Cft			P/Cft	
6.	Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars). (a) using tor bars	78.66 Cwt			P/cwt	

S.NO.	DESCRIPTION	QTY	RATE		Per Unit / Item	Amount in Rupees
			Rupees in Figures	Rupees in Words		
57/13 S.R 2012	Cement plaster 1:6 up to 1:2" height (b) ½ thick	5103 Sft			% Sft	
25/54 S.R 2012	White wash on coat (1st coat over priming coat)	1600 Sft			% Sft	
22/16 S.R 2012	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels (c) 2" thick	283.00 sft			% Sft	
87/4 S.R 2012	C.I Cover (Hinged) with frame size 24"x 24" (64 kg)	2 Nos			Each	
30/1 S.R 2012	M/S and F / black steel M.S pipe made out of M.S Sheet confirming to API 5L grade x-42 ERW and externally asphalt coated with fiber glass 3 mm thick and internally C.C inking 8 mm thick (AWWA specification) i/c laying jointing with helical welding in trench i/c cost of bends of any degree and testing with water specified pressure for different dia of pipes as below (straight) (ii) 5.6 mm 12" dia	10 rft			P/Rft	
57/2 S.R 2012	Providing CI sluice valve heavy pattern (test pressure) 21.0 kg /sq.com or 300 lbs inch imported 12" dia valve	1 No			Each	
12/11 S.R 2012	Fixing of Sluice Valve with two cast Iron tail pieces one end flanged and other with socket i/c the cost of nuts bolts and rubber packing Labour etc complete. 12" dia valve	1 No			Each	
14. R.A	Construction of C.C. block masonry chamber of size 4-0"x 4-0" x 4-0" (inside dimension) with 24"x24" cover frame weight (50kg) R.C.C. 1:2:4 slabs 5" thick with steels ½" dia torbar @ 6" C/C with bent up both ways 6" thick C.C. 1:3:6 block masonry walls set 1:6 6" thick C.C 1:4 8 in foundation 2" thick C.C 1:2:4 flooring ½" thick cement plaster 1:3 in side wall surfaces Top & Bottom slab outer wall surface 1'-0" deep upto roof slab i/c M.S foot Rest 5/8" dia barsat every 2" deep i/c curing de-watering excavation refilling and disposal of surplus etc. complete chamber	3 Nos			Each	
15	Dismantling of cement block masonry	75 Cft			% Cft	
4/18 S.R 2012	Excavation in foundation of building bridges and other structures i/c dagbelling dressing refilling around structures with excavated earth watering and remaining lead upto 5ft (b) in ordinary soil	89.00 cft			% 0 Cft	
19/22 S.R 2012	Providing and laying 1:3:6 cement concrete solid block masonry set in 1:6 cement sand mortar in plinth & foundation including raking out joints & curing etc.	30.00 cft			% Cft	
19/23 S.R 2012	Providing and laying 1:3:6 cement concrete solid block masonry wall above 6 in thickness set in 1:6 cement mortar in G.F Superstructure including raking out joints and curing etc.	600.00 cft			% Cft	

S.NO.	DESCRIPTION	QTY	RATE		Per Unit / Item	Amount in Rupees
			Rupees in Figures	Rupees in Words		
19	Distemping two coats (a) For U/G tank (b) For Boundary wall	2520 sft			% Sft	
20	Providing expansion joints in concrete work of 9" wide corrugated PVC water stop (with buld) i/c soldering material & labour etc complete	200 rft			P/Rft	

Total Rs. _____


Executive Engineer (Water)
North Karachi, KW&SB

I We hereby Quoted amount on item rate basis Rs. _____ In words(

NOTE: All existing SPPRA Rule will be abide.

Signatur of Contractor _____

Address: _____

Cell No. _____

(Part-'B')

**OFFICE OF THE EXECUTIVE ENGINEER NORTH KARACHI WATER (E&M)
KARACHI WATER & SEWERAGE BOARD**

Name of Work:- Rehabilitation Of Under Ground Water Tank at 7D Pump House For The Improvement
Of Water Supply In Sectors Of 7D In New Karachi Town.

Estimate : On Item Rate basis

Time limit : 20 days

Penalty for delay : 3000/- Per Day

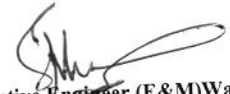
Tender Cost : Rs. 2000/-

Date Of Receiving _____ 2014 at 2:00P.M and Opened at _____ 2014 2:30P.M in the office of Chief Engineer (IP&D), Block E 9th Mile Shahrah-e-Faisal Karachi.

S.NO.	DESCRIPTION	QTY	RATE		Per Unit / Item	Amount in Rupees
			Rupees in Figures	Rupees in Words		
1.	Supply of V.T. Pumping Set type. B-12, B-4 Stage consisting Pf Pump Bowl assembly with suction and discharge case intermediate bowl all made of cast iron with bronze impeller or dynamically balanced and securely fastened to stainless steel pump shaft by means of tapered locking collect made by carbon steel surface base for mounting totally enclosed 60 HP 1470 RPM vertical hollow shaft elect. Motor made by Siemens suitable for 380/400 volts 50 C/s, 3 phase electric supply (i/c cost of elect. Motor). The motor with non reversible ratchets insulation class "B" for ambient temperature 400 C Pump bowl assembly is connected to discharge head column pipe assembly (as per dept of sump) and top column 1 length each pump is capable discharge of 750 IGOM against a total head of 200ft.	01 No.			Each	
2.	Erecting and commissioning V.T. Pump on sump to take the pump suitable size length iron girder with R.C.C. column not leaner than C.C. 1:2:4 complete in all respect as instruction of the Engineer Incharge.	01 No.			Each	
3a.	Providing 6" dia cast iron sluice valve (imported) heavy pattern test pressure 300 Lbs. / Sq. inch.	01 No.			Each	
3b.	Fixing of sluice valve with 2 coat foil pieces one end flanged and other with socket i/c the cost of nut bolts and rubber packing Labour etc.	01 No.			Each	
4.	P/F 6" dia heavy duty (imported) non return valve / reflux valve to test pressure 300 Lbs./ Sq. inch Flanged type i/c nuts. Bolts washer and rubber packing.	01 No.			Each	
5	Mfg / Supply & fixing of black steel pipe made out of M.S. shaft conforming to APL 5L grade X-42 ERN & externally siphate coated with fiber glass 5 mm thick.	10 Rft			P/Rft	
6	M.S. Flange for 150mm pipe fabricate with 1/2" thick M.S. Plate.	06 Nos.			Each	
7	S/F nuts. Bolts with washers in off sizes.	50 Kg			P/Kg	
8.	S/Rubber insertion sheet in off sizes	60 Kg			P/Kg	
9.	P/F steel Girder M.S. Tee and plate i/e welding fabricating the structure for traveling crane as required as per instruction of the Engineer Incharge. Girder size = 8" x 4"	1960 Kg			P/Kg	
10.	P/F Chain Pulley bloc of 2 tons capacity which chain of 5 meters length.	01 No.			Each	
11.	P/F overhead Gantry Travelling with 5 meters chain and wheels as required as per instruction of Engineer In-Charge.	01 No.			Each	

[Handwritten Signature]
65

S.NO.	DESCRIPTION	QTY	RATE		Per Unit / Item	Amount in Rupees
			Rupees in Figures	Rupees in Words		
12	P/F water pressure gauge 0 to 15 Kgs./ Cm.Sq / alongwith pressure pipe cock and other materials required for fitting	01 No.			Each	
13	Wiring for main or sub-main with 19/0.83 (70 mm) 3 1/2 core copper conductor 600/1000 volts on surface as required i/c making connection with starters and motor both sides as required. Item # 82	50 Mtr			P/Mtr	
14	Wiring between panel to motor with PVC 19/064 / 35mm 3core (double) for star delta connection i/e E.C.C. etc complete. Item # 71	30 Mtr			P/Mtr	
15	P/F earthing set as set 600 x 600 x 6mm copper plate buried in ground at depth of 12 Mtrs or less if water comes out from the ground level, with salt charcoal etc i/c making 12" deep by excavated of old tiep of coal of earth cable to be connected with 8Nos. Silver copper wire in GI pipe Straight from the earth pelt up to.	01 No.			Each	
Total Rs.						


Executive Engineer (E&M)Water
North Karachi, KW&SB

I/We hereby Quoted amount on item rate basis Rs. _____ In words(

NOTE: All existing SPPRA Rule will be abide.

Signatur of Contractor _____

Address: _____

Cell No. _____

Evaluation Criteria of the tender Above 2.5 million

Bids will be considered if the following information are available with the bid.

1. Bid in sealed cover.
2. Bid shall be properly signed by contractor with stamp.
3. Name of firm, postal address, telephone number, fax number, email address.
4. Rate must be quoted in figures and words.
5. PEC registration with specialization in relevant field, income tax, and sales tax.
6. Bid security of required amount.
7. Relevant experience certificate at least last 3 years.
8. Turn over at least last 3 years.
9. Conditional bid cannot be considered.
10. Bid will be evaluated in current market price

