

**OFFICE OF THE EXECUTIVE ENGINEER SEWAGE TREATMENT PLANT NO.II**  
**MAHMOODABAD NO.2 NEAR HABIB BANK**  
**KARACHI WATER AND SEWERAGE BOARD**

**NOTICE INVITING TENDER**

(Under SPPR-2010)

Executive Engineer STP-II KW&SB invites sealed Tenders on Item Rate Basis through website under rule 17 (4) in terms of SPPR Rule-2010, single-stage single envelop for the work mentioned below, from the intending participants, reputed / experienced contracting firms.

Estimated cost of tender below 1.00 Million

1.	Name of Work	Repair / maintenance/overhauling of main Raw sewage pump No2 (8.2 MGD) centrifugal, non clogging vertical type, coupled with 110 kw motor i/c. P/F of Bearing and allied works of PS-I Mehmoodabad of STP-II K.W & S.B
2.	Eligibility of Contractor	Contractor should be national tax payer.
3.	Earnest Money	2% of quoted amount in shape of pay order / Bank Draft, in favour of Karachi Water & Sewerage Board.
4.	Note	i) No Tender will be issued on the date of opening of tender, ii) Earnest Money in shape of Pay Order / Bank Drafts from any scheduled Bank of Pakistan in the favor of KW&SB must be accompanied with the tender otherwise the tenders shall be treated as invalid and rejected.
5.	Tenders can be Purchased from	Office of the Account Officer (Revenue), KW&SB at Head Office, 1 <sup>st</sup> Floor Old KBCA Annexe Building, Behind Civic Centre, Gulshan-e-Iqbal, Block-4, Karachi, and
6.	Tender Fee	Rs. 500/= Non-Refundable in shape of pay order in favor of KW&SB.
7.	Time limit for Completion of work.	15 days
8.	Last date of Issuing tender document	09-05-2012
9.	Date & Time receiving / Opening of Tenders.	10-05-2012 at 2:00 pm and to be opened at 2:30 pm
10.	Place of opening.	Tender will be opened by the Tender Opening Committee in the office of Chief Engineer (IP&D) Block 'B' 9 <sup>th</sup> mile Karsaz.
11.	Funding Position	KW&SB own fund year 2011-12
12.	Scope of Work	For improvement of Sewerage System

- Note:-
- i) The procuring agency reserves the right to accept or reject any or all bids as per relevant provision of SPPR-2010.
  - ii). Tender can be seen on SPPRA Website No. [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk).
  - iii). If any undesirable circumstances arise on the opening day or Government declare the Holiday the tender shall be opened on next working day at same time and venue.

**KARACHI WATER & SEWERAGE BOARD**

**KARACHI WATER AND SWERAGE BOARD  
OFFICE OF THE EXECUTIVE ENGINEER STP-II**

**BILL OF QUANTITY**

Estimated Amount:	Item Rate Basis	Issued to M/s _____
Time Limit	15 Days	Cost of Tender Rs.500/-
Penalty Per Day	Rs: 300/-	Date of Opening _____
		Receipt No: _____ Date: _____


Earnest money @ 2% of quoted amount

A.O Revenue Finance Department

**NAME OF WORK: REPAIRING & MAINTENANCE OF MAIN RAW SEWAGE PUMPS # 2 (8.2MGD) CENTRIFUGAL, NON CLOGGING, VERTICAL TYPE, COUPLED WITH 110kw MOTOR INCLUDING P/F OF BEARINGS AND ALIED WORKS AT PS-I OF STP-II KW&SB.**

S. #	Description of Work	Qty	Rate (Rs.)	Per	Total (Rs.)
1	Complete dismantling of raw sewage pumps # 4, make China 8MGD, Non clogging coupled with 110kw motors along with universal shaft joints etc complete or as per directives of the Engineer in charge at STP-II	01job		Job	
2	Providing / Fixing Shaft Protection sleeve (SS) of the above pump model having outer diameter 140mm, inner diameter 110mm & length=250mm, sleeve should be pre shrink, including machining of keyways, grooves as per sample or site requirement etc complete or as per directives of the Engineer in charge at STP-II	01 Jobs		Job	
3	Providing / Fixing Sleeve Gland Bush made up of gun metal of the above pump model having inner diameter 140mm (+0.001-0.00) groove holes bush should be light forced fit as per sample or site requirement etc complete or as per directives of the Engineer in charge at STP-II.	01 Nos.		Each	
4	Providing / Fixing Angular / Taper contact Bearing No. 7324BCBM (SKF) or equivalent / acceptable make including fixing charges or site requirement etc complete or as per directives of the Engineer in charge at STP-II.	02 Nos.		Each	
5	Providing / Fixing Cylindrical roller bearing No. NU324ECJ (SKF) or equivalent / acceptable make including fixing charges or site requirement etc complete or as per directives of the Engineer in charge at STP-II	01 Nos.		No.	
6	Providing / Fixing Universal Shaft angular contact double row roller Bearing No. 22215E (SKF) or equivalent / acceptable make including fixing charges or site requirement etc complete or as per directives of the Engineer in charge at STP-II.	02 Nos.		No	
7	Repairing of pump unbalance impeller inclusive of filling base, machining, grinding and polishing and after repairing electrical balancing / alignment on balance platform etc complete or as per directives of the Engineer in charge at STP-II	01 Jobs		job	

S. #	Description of Work	Qty	Rate (Rs.)	Per	Total (Rs.)
8	Providing / Fixing studs of impeller body dia. 25m.m and 125 m.m long with nuts in S.S material as per sample.	36 Nos.		No.	
9	Providing/fixing main pump shaft ( S.S ) dia.110m.m ,140m.m 200m.m respectively, i/c all machining, shoulder, turning , threading, key ways ( both end ) of the shaft, etc. complete in all respect , as per sample.	01N0.		N0.	
10	Boring of pumps hosing ( upper ) with Machining, facing, etc and fixing sleeve to handle bearing fix in the body etc complete or as per directives of the Engineer in charge at STP-II.	01 Jobs		Job	
11	Providing / Fixing Gland Flange Studs 7/8" length = 5", along with Nuts in SS as per sample etc complete or as per directives of the Engineer in charge at STP-II.	02 Nos.		No	
12	Providing / Fixing S.S Nuts and bolts with washers in off sizes as per site requirement and as per samples.	45 kgs.		Kg.	
13	Providing / Fixing Gland Flange internal diameter 140mm, external diameter 165mm (CI) Casting , Machining etc complete or as per directives of the Engineer in charge at STP-II.	01 Nos.		No	
14	Providing / Fixing 64 Sft for each pump Packing insertion Asbestos Sheet 1mm thick with silicon bonding material including cutting, forming etc complete or as per directives of the Engineer in charge at STP-II	64 Sft.		Sft.	
15	Providing / Fixing of Sleeve for main Bearing's hosing , Machining, Facing along with fixing of sleeves to handle main bearing in the body etc complete or as per directives of the Engineer in charge at STP-II	01 Jobs		Job	
16	Providing / Fixing Grease Cups for main bearing & hosing bearing as per sample etc complete or as per directives of the Engineer in charge at STP-II	01Nos.		No	
17	Repairing of Pump's body main plate by welding, grinding, cutting, machining and providing sleeves fixing in one piece etc complete or as per directives of the Engineer in charge at STP-II	01 Jobs		Job	
18	Providing / Fixing of Oil Seal size 140x115x12 as per sample etc complete or as per directives of the Engineer in charge at STP-II	02 Nos.		No	
19	Providing / Fixing of Oil Seal size 150x120x15 as per sample etc complete or as per directives of the Engineer in charge at STP-II	01 Nos.		No	
20	Re-Fitting of all pump's after complete major repairing to 25ft depth in basement of raw sewage Pumping Station-I (PS-I) including necessary testing etc complete or as per directives of the Engineer in charge at STP-II.	01 Jobs		Job	
	<b>Total</b>				

  
 Executive Engineer  
 STP-II KW&SB

I / we hereby quoted Rs: \_\_\_\_\_ for execution of above mentioned work and bind to comply the rules of KW&SB

**Signature of Contractor**  
 With name of the firm