



# KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

## BID EVALUATION REPORT

1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/2015/25 & INF/KRY-742/15 published in daily "Pakistan Observer" dt:03-03-2015 daily "Jahan-e-Pakistan" dt:01-03-2015. SPPRA Serial No. <u>230224</u> :D No. /2015
3	Tender Description/Name of Work/Item:	<b>COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A), AT HIGH LIFT PUMP HOUSE AT NEK (P&amp;F) K-II, PLANT</b>
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press / Web Site</u>
6	Total Bid Documents Sold:	<u>2 Nos</u>
7	Total Bid Received:	<u>2 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>01 No</u>
11	Financial Bid Opening Date:	25-03-2015

### 12 BID EVALUATION REPORT

S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Kashif Engg. Works	Rs.21,34,488/-	1 <sup>st</sup> Lowest	@9.986% Above	Pay order and other documents are attached. P.O # 12268642 dt: 25-03-2015 Rs.42,700/- from HBL Malir Cantt. Branch Karachi	Substantially Responsive
2.	M/s.Malik & Co.	Rs.22,31,373/-	-	@14.978% Above	Pay order and other documents are not attached.	Un Responsive

The all concerned bidders are being informed accordingly.

The E.E Concerned for compliance of Rule-45 of SPPRA 2010 **M/s.Kashif Engg. Works** declared as the lowest responsive bidder by the Committee and recommended for sanction from Competent Authority.

(Muhammad Raza)  
D.A.O (E&M-W)  
Member / Secretary

(Saif-ul-Haque)  
Additional Director Internal  
Audit – KMC Member

(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

(Noor Muhammad Chohan)  
Chief Engineer (E&M-W)  
Member

(Abdul Rahim Khattai)  
Chief Engineer (IP&D)  
Convener

**NIT Sr. No. SPPRA Serial No.** \_\_\_\_\_

**Method of Procurement: Single Stage Single Envelope.**

Name of Work: **COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A),  
AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT**

**MINUTES OF BID OPENING MEETING.**

A meeting of the procurement committee of this department held on 25-03-2015 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.

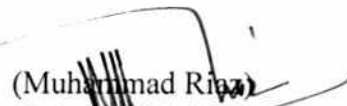
**(Attendance sheet is enclosed).**

2. Two bidders submitted their bids till the deadline of submission.
  - i. M/s. Kashif Engg. Works
  - ii. M/s. Malik & Co.
3. The bids were opened at 2:30 P.M in the presence of the above mentioned participants and the rates quoted by bidders were read aloud and encircled by Chairman of the Procurement Committee.

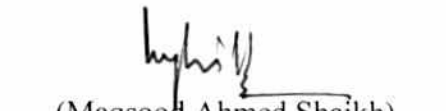
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s.Kashif Engg. Works	Rs.21,34,488/-	Rs.42,700/-	P.O # 12268642 dt: 25-03-2015 from HBL Malir Cantt. Branch Karachi
2.	M/s.Malik & Co.	Rs.22,31,795/-	-	Pay Order not attached.

4. The bids do not contain any over-writing or cutting.
5. The committee shall examine all the bids as per the qualification / eligibility criteria provided in the bidding document and verify the documents and bid security submitted by the bidders (if required).


The meeting ended with the vote of thanks to and from the chair.

  
(Muhammad Raza)  
D.A.O (E&M-W)  
Member / Secretary

  
(Saif-ul-Haque)  
Additional Director Internal  
Audit – KMC Member

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

  
(Noor Mohammad Chohan)  
Chief Engineer (E&M-W)  
Member

  
(Abdul Basim Khattai)  
Chief Engineer (KMC)  
Convener

## COMPARATIVE STATEMENT

Name of Work: COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT

Item No	Description of Work	Estimated Cost			M/s. Kashif Engg. Works		M/s. Malik & Co.		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
1	Removal of Termination & isolate the terminal box from motor, then decoupled the motor from pump & dismantle the 25mgd pump from foundation & de-bolting all the parts, re-assemble the Pump after Engineering, Servicing and pump placed & balanced at foundation couple 412KW motor with pump complete its connection i/c servicing of termination as per direction of Engineer Incharge.	1 Job	47,475	P/Job	47,475	52,200	54,596		54,596
2	Removal of Impeller from shaft with the help of hydraulic pressure machine & oxygen acetylene flame and chemical treatment as per direction of Engineer Incharge.	1 Job	16,275	P/Job	16,275	17,900	18,716		18,716
3	Reconditioning and balancing of UNIGLIDE type impeller of weir pump by welding of worn-out wings used special organ welding with the help of Kansai electrodes, machining and grinding to bring finished size without disturbing its original shape & balancing as per sample and direction of Engineer Incharge.	1 Job	78,600	P/Job	78,600	86,460	90,390		90,390
4	Re-fixing of impeller in pump shaft with the help of hydraulic pressure machine and balancing with accurate centre as per direction of Engineer Incharge.	1 Job	11,075	P/Job	11,075	12,180	12,736		12,736
5	Providing 20x20mm Telfon gland packing.	10 Kg	1,250	P/Kg	12,500	1,375	14,370		14,370
6	Providing rubber flange gas kit size 4x1/8" thick; 2mm (PB-49, P.71 IT.06) providing DADEX jointing Solution, made in USA.	25 Rft	220	P/Rft	5,500	242	6,325		6,325
7	Providing DADEX jointing Solution, made in USA	1 Kg	1,200	P/Kg	1,200	1,320	1,380		1,380
8	Supply of Cotton waste Begg (50 Kg) each	2 Beg	1,800	P/Beg	3,600	1,980	4,140		4,140
9	P/F 0.5 Fiber paper sheet (England Made) having W-1 Meter.	4 Mtr.	300	P/Mtr	1,200	330	1,380		1,380
10	<b>Providing of bearing # 6318 BCG (SKF) (for Pump)</b> Detail of services:- Vibration Analysis, Dynamic Balancing, Service fee for Laser Alignment / Checking, Service fee for Bearing Mounting / Dismounting, Transportation charges of all equipment, Weight / Shims / Lubricants of SKF charges, Up down of SKF Certified Engineers for 3 days.	1 No	57,330	Each	57,330	63,063	65,929		65,929
11	Removal of Pulley from Pum Shaft with the help of Hydraulic pressure machine & oxygen acetylene flame as per direction of Engineer Incharge.	1 Job	11,475	P/Job	11,475	12,620	13,196		13,196

Name of Work: COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT

Item No	Description of Work	Estimated Cost				M/s. Kashif Engg. Works		M/s. Malik & Co.	
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
12	Repairing & re-conditioning, polishing of Bearing housing having size, 1st 190mm, 2nd 125mm taper, depth 315mm complete in all respect and as per direction of Engineer Incharge.	1	35,075	P/Job	35,075	38,580	38,580	40,336	40,336
13	Removal of wear Ring and neck ring from the pump casing with the help of hydraulic pressure machine & oxygen acetylene Flame as per direction of Engineer Incharge.	4	11,475	Each	45,900	12,620	50,480	13,106	52,424
14	Manufacturing of wear ring from bronze metal (Improted) as per sample and direction of Engineer Incharge size: 1st O.D.560, I.D 524, 2nd O.D.532 I.D 484 & thickness 66mm, thickness 18mm.	2	120,632	Each	241,264	132,690	265,380	138,726	277,452
15	Fixing of Bronze made neck & wear ring size of wear ring, W-66mm, thickness 25mm, O.D 530mm, I.D 505mm, size of neck Ring W-66mm, 1st O.D 560mm, 1st I.D 524mm, 2nd O.D 532mm, 2nd I.D 484mm, thickness 18 mm.	4	11,325	Each	45,300	12,450	49,800	13,023	52,092
16	Fixing of bronze made Sleeve upper side in pump shaft having size L1, 192mm, O.D 140mm, I.D 85mm, L2, 361mm, O.D 125mm, I.D 85mm, fix with the help of Hydraulic pressure machine & oxygen acetylene Flame as per direction of Engineer Incharge.	1	11,325	Each	11,325	12,450	12,450	13,023	13,023
17	Removal of Bronze made sleeve upper side with the help of Hydraulic pressure machine & oxygen acetylene Flame as per direction of E/Incharge.	1	11,475	Each	11,475	12,620	12,620	13,196	13,196
18	Manufacturing of neck Ring with bronze metal (imported) as pe sample & direction of Engineer Incharge size: OD 530mm, I.D 505mm, thickness 25mm, W-66.	2	118,208	Each	236,416	130,000	260,000	135,939	271,878
19	Removal of Bronze made sleeve lower side with the help of Hydraulic pressure machine & oxygen acetylene Flame as per direction of E/Incharge.	1	11,475	Each	11,475	12,620	12,620	13,196	13,196
20	Fixing of bronze made Sleeve lower side in pump shaft having size L1, 192mm, O.D 140mm, I.D 85mm, L2 with the help of Hydraulic pressure machine & oxygen acetylene Flame as per direction of Engineer Incharge.	1	11,325	Each	11,325	12,450	12,450	13,023	13,023
21	Manufacturing of Pulley caller type from Bronze metal (Imported) having size L-175mm, O.D 175 mm, I.D 150 mm, Caller 10mm, as per sample and direction of E/Incharge.	2	35,495	Each	70,990	39,044	78,088	40,819	81,638
22	Removal of bronze mad ebush from shaft with the help of Hydraulic pressure machine & oxygenacetylene Flame as per direction of E/Incharge.	1	11,475	Each	11,475	12,620	12,620	13,196	13,196

*Handwritten signatures and initials are present at the bottom right of the page, including a large signature that appears to read 'Mans' and other smaller initials.*

Name of Work: COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT

Item No	Description of Work	Estimated Cost			M/s. Kashif Engg. Works		M/s. Malik & Co.			
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
23	Manufacturing of Shaft Bush from bronze metal (Imported) as per sample and direction of E/Incharge. L-1, 192mm, OD-140mm, ID 85mm L-2 361mm, OD 125 mm ID 85mm.	2	No	48,368	Each	96,736	53,200	106,400	55,623	111,246
24	Providing Nuts & Bolts i/c Plain & Spring washers. (PB-49, P.71 IT.05).	85	Kg	250	P/Kg	21,250	275	23,375	287	24,395
25	Fixing of Bronze made bush in pump shaft with the help of Hydraulic pressure machine & oxygen acetylene Flame, size of bush L-134mm, 140mm with 10mm collar 2nd 125mm, as per direction of E/Incharge.	1	No	11,325	Each	11,325	12,450	12,450	13,023	13,023
26	Removal of rubber bearing (Spider Bush) from shaft with the help of hydraulic pressure machine (heavy duty) & acetylene flame as per direction Engineer Incharge.	1	No	4,925	Each	4,925	5,410	5,410	5,663	5,663
27	Manufacturing of Spider bush Rubber bearing with bronze body reinforces with neuprem rubber as per sample, L-130mm, O.D 150mm, I.D 115mm, as per direction of E/Incharge.	1	No	19,152	Each	19,152	21,000	21,000	22,024	22,024
28	Fixing of rubber bearing (Spider Bush) on lower sleeve with the help of hydraulic pressure machine.	1	No	11,325	Each	11,325	12,450	12,450	13,023	13,023
29	Local Manufacturing of Shaft protecting sleeve made by high class carbon alloy steel (imported) for 85mm dia solid shaft sleeve, Fixon shaft size L-305mm, O.D 114mm, I.D 85mm with the help of hydraulic pressure machine after removing worn out sleeve, complete in all respect and as per direction of E/Incharge.	1	Job	23,760	P/Job	23,760	26,136	26,136	27,324	27,324

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Name of Work: COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT


Item No	Description of Work	Estimated Cost			M/s. Kashif Engg. Works		M/s. Malik & Co.	
		Quantity	Rate	Per	Amount	Rate	Amount	Rate
30	Overhauling of 3.3. KV, 412 KW A/C Inductio Motor High lift pump House. Scope of work as under: * Removal of coupling from motor shaft. * Initial testing and dismantling of Motor. * Drying Winding at 110 C temperature. * Testing of winding before impregnation. * Impregnation of winding with class "F" warnish, insulation and drying. * Complete checking & balancing of rotor after decarbonizes. * Drying, heating of motor and roter. * Decarburizing and cleaning of all three phase connection lead of motor. * Decarburizing and cleaning of all three roter lead i/c re-taping H.T class tape both ends point (06 points) heaving lenght 6" each. * Cleaning and repalcement of L.T pannel connector for motor heater. * Assembly of all parts i/c roter motor etc. * Cleaning and Painting of all parts. * Static testing and painting of complete motor. * Witness testing at site.	1	305,308	P/Job	305,308	335,830	351,104	351,104
31	Repairing & re-conditioning, polishing of Bearing housing (upper side) having size, 1st O.D 315mm, 2nd O.D 250mm I.D 100mm, depth 140mm, complete in all respect and as per direction of Engineer Incharge.	1	40,300	P/Job	40,300	44,330	46,345	46,345
32	Repair & reconditioning and polishing of lower bearing housing o.D 250 mm, I.D 150mm and depth 75mm complete in all respect and as per direction of E/Incharge.	1	38,460	P/Job	38,460	42,306	44,229	44,229
33	Providing and fixing of bearing # 7320 BECBM in SKF brand <b>Detail of services:-</b> Vibration Analysis Dynamic Balancing Service fee for Laser Alignment / Checking. Service fee for Bearing Mounting / Dismounting. Transportation charges of all equipment. Weight / Shims / Lubricants of SKF	1.00 1.00 1.00 1.00 1.00 1.00 1.00	91,800 25,000 72,000 48,000 22,000 12,000 12,600	P/Job P/Job P/Job P/Job P/Job P/Job P/Job	91,800 25,000 72,000 48,000 22,000 12,000 12,600	100,980 27,500 79,200 52,800 24,200 13,200 13,860	105,570 28,750 82,800 55,200 25,300 13,800 14,490	105,570 28,750 82,800 55,200 25,300 13,800 14,490


*(Handwritten signatures and initials)*

Name of Work: COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT


Item No	Description of Work	Estimated Cost			M/s. Kashif Engg. Works		M/s. Malik & Co.		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
34	Providing and fixing of bearing # NU-320 ECP in SKF brand <b>Detail of services:-</b> Vibration Analysis Dynamic Balancing Service fee for Laser Alignment / Checking. Service fee for Bearing Mounting / Dismounting. Transportation charges of all equipment. Weight / Shims / Lubricants of SKF Up down of SKF Certified Engineers for 3 days.	1.00	83,000	P/Job	83,000	91300	91,300	95450	95,450.00
35	Removal of M.S Pully from Motor Shaft.	1.00	13,300	P/Job	13,300	14630	14,630	15295	15,295.00
36	Fixing oof M.S Pully in Motor Shaft.	1.00	10,200	P/Job	10,200	11220	11,220	11730	11,730.00
	TOTAL QUOTED / CORRECTED COST				1,940,691		2,134,488		2,231,373

  
(Muhaamad Riaz)  
D.A.O (E&M-W)  
Member / Secretary

  
(Saif-ul-Haque)  
Additional Director Internal  
Audit - KMC Member

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

  
(Noor Muhammad Choochan)  
Chief Engineer (E&M-W)  
Member

  
(Abdur Rehman)  
Chief Engineer (P&F)  
Convener

## ATTENDANCE SHEET

**NAME OF WORKS:** COMPLETE OVERHAULING OF 4500 M/H  
(MGD) SET (A) HIGH LIFT PUMP HOUSE AT  
NEK (P&F) K-11, PLANT

**VENUE:** Chief Engineer (IP&D), KW&SB, Room No 5 Block E 9th Miles  
Shah rah-e- Faisal Karsaz Karachi

**Date :** 25.03.2015 at 02:30pm.

### CONTRACTORS / FIRMS / BIDDERS

S. NO.	NAME OF FIRMS / BIDDERS	CONTACT NO.	SIGNATURE
1	Handwritten text		Handwritten signature
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