



# KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE RESIDENT ENGINEER  
NORTH EAST KARACHI (PUMPING & FILTER) K-II & K-III DIVISION

Cell No.0333-2393180

NEK 100MGD Pump Houses, Saadi Town, Scheme-33, Distt: Malir

No.RE/NEK/P&F-Old/BER/2017-18/149

Dated: 13-6-2018

The Manager (A&F),  
Sindh Public Procurement Regulatory Authority,  
Govt. of Sindh,  
Barrack No.8, Sindh Sectt. No.4-A,  
Court Road,  
Karachi.

**Subject:-** BID EVALUATION REPORT & COMPARATIVE STATEMENT OF THE WORK "COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF 800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT".

We are enclosing herewith Original Bid Evaluation Report, Minutes of Bid Opening Meeting, Bidder's Eligibility / Qualification Report, Comparative Statement & copy of Attendance Sheet of the subjected work for uploading on Authority's Website and your kind perusal and further necessary action please.

NIT of the subjected works was hoisted on SPPR's website at Serial No.37684.

Encl: As stated above.

**Resident Engineer**  
N.E.K. (P&F) K-II & K-III Div.  
KW & SB

Copy to:-

1. Chief Engineer (E&M)-W, KW&SB
2. S.E.(P&F)-2, KW&SB
3. Work file.

SPPRA INWARD DIARY  
NO: 9833  
DATED 14-6-2018

NIT No. SPPRA Serial No.37684

Method and procedure of procurement: Open Competitive Bidding (National/ International Competitive Bidding) (Single Stage–One Envelope)

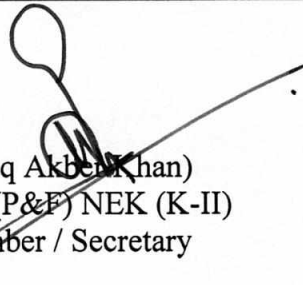
Description of work: COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF 800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.


Date of Opening: 04-06-2018

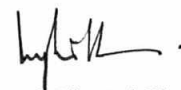
**BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT**

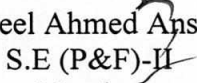
Eligibility/ Qualification Criteria:


S. No.	Eligibility / Qualification Criteria	Bidders' Name	
		M/s. Al-Hannan Builders	M/s. H.R Brothers
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	Yes
3.	Sales Tax Registration (FBR)	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes
	<b>Qualification Criteria:</b>		
5.	Minimum three years experience of relevant field.	Yes	Yes
6.	Turnover of at least last three years	Yes	Yes
7.	Required Bid Security is attached.	Yes	Yes
8.	Bid is signed, named and stamped by the authorized person of the firm along with Authorization letter.	Yes	Yes
9.	Any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44	N/A	N/A
10.	Qualified/ disqualified	Qualified	Qualified

  
(Tariq Akber Khan)  
D.A.O (P&F) NEK (K-II)  
Member / Secretary

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

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

  
(Jameel Ahmed Ansari)  
S.E (P&F)-II  
Member

  
(Saleem Ahmed)  
Chief Engineer (IPD)  
Convener

NIT Sr. No. SPPRA Serial No.37684

Method of Procurement: Single Stage Single Envelope.

Name of Work: COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF 800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.

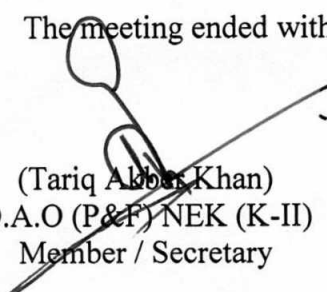
### MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department was held on 04-06-2018 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).

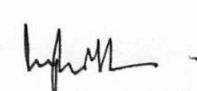
2. Two bidders submitted their bids till the deadline of submission.
  - i. M/s. Al-Hannan Builders
  - ii. M/s. H.R Brothers
3. The bids were opened at 12:00 Noon in the presence of the above mentioned participants and the rates quoted by bidders were read aloud and encircled by Chairman of the Procurement Committee.


S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s.Al-Hannan Builders	Rs.24,36,495/-	Rs.63,850/-	P.O#19629598 dt: 22-05-2018 Rs.28,850/- from HBL Malir Cantt Branch & P.O#18541400 dt:22-05-2018 Rs.35,000/- from HBL Community Centre PECHS Branch Karachi
2.	M/s.H.R Brothers	Rs.24,57,000/-	Rs.52,630/-	P.O#04764190 dt:06-03-2018 Rs.42,400/- & P.O#05096950 dt:22-05-2018 Rs.10,230/- from Bank Al-Habib Ltd Saadi Town Branch Karachi

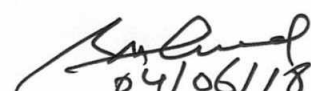
4. The bids do not contain any cutting or over-writing.
5. The committee shall examine all the bids as per the qualification / eligibility criteria provided in the bidding document and verify the documents and bid security submitted by the bidders (if required).
6. The meeting ended with the vote of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

  
(Tariq Akbar Khan)  
D.A.O (P&F) NEK (K-II)  
Member / Secretary

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

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

  
(Jameel Ahmed Ansari)  
S.E (P&F)-II  
Member

  
04/06/18  
(Saleem Ahmed)  
Chief Engineer (IPD)  
Convener



**KARACHI WATER & SEWERAGE BOARD**  
**OFFICE OF THE CHIEF ENGINEER (IPD)**  
**BID EVALUATION REPORT**

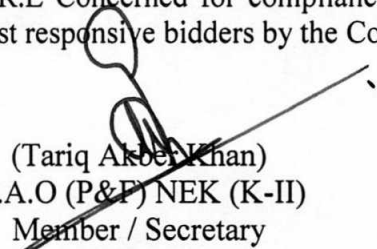
1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/91/2018 Published in daily "The Express Tribune", "Nawa-e-Waqt" & "Appeal" dt: 11-05-2018. SPPRA Serial No.37684 I.D No.
3	Tender Description/Name of Work/Item:	<b>COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF 800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&amp;F) K-II PLANT.</b>
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through PRESS / SPPRA Web Site</u>
6	Total Bid Documents Sold:	<u>02 Nos</u>
7	Total Bid Received:	<u>02 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>NIL</u>
11	Financial Bid Opening Date:	04-06-2018


**12 BID EVALUATION REPORT**

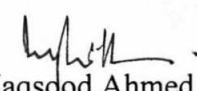
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Al-Hannan Builders	Rs.24,36,495/-	1 <sup>st</sup> Lowest	@9.974% Above	Pay Order and other documents are available. P.O#19629598 dt: 22-05-2018 Rs.28,850/-from HBL Malir Cantt Branch & P.O#18541400 dt:22-05-2018 Rs.35,000/- from HBL Community Centre PECHS Branch Karachi Total Rs.63,850/-	Substantially Responsive
2.	M/s.H.R Brothers	Rs.24,57,000/-	2 <sup>nd</sup> Lowest	@10.900% Above	Pay Order and other documents are available. P.O#04764190 dt:06-03-2018 Rs.42,400/- & P.O#05096950 dt:22-05-2018 Rs.10,230/- from Bank Al-Habib Ltd Saadi Town Branch Karachi Total Rs.52,630/-	Substantially Responsive


The all concerned bidders are being informed accordingly.

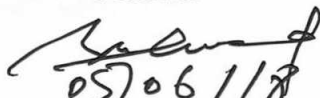
The R.E Concerned for compliance of Rule-45 of SPPRA 2010 **M/s.Al-Hannan Builders** declared the lowest responsive bidders by the Committee and recommended for sanction from Competent Authority.

  
(Tariq Akber Khan)  
D.A.O (P&F) NEK (K-II)  
Member / Secretary

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

  
(Maqsdod Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member





  
(Jameel Ahmed Ansari)  
S.E (P&F)-II  
Member

  
(Saleem Ahmed)  
Chief Engineer (IPD)  
Convener

**COMPARATIVE STATEMENT**

**Name of Work: COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF 800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.**

Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. H.R Brothers		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
1	Removal of Termination & Isolate the Terminal box from Motor, then de-coupled the motor from Pump & dismantle the 25MGD Pump from foundation and de-bolting all the parts, re-assemble the pump after Engineering servicing and pump placed & balanced at foundation couple 412 KW Motor with pump. Complete its connection i/c servicing of termination as per direction of E/I.	1 Job	47,475	P/Job	47,475	52,220	52,220	50,000	50,000
2	Removal of Impeller from Pump shaft with the help of hydraulic pressure machine & oxygen acetylene flame & chemical treatment as per direction of E/I.	1 Job	16,275	P/Job	16,275	17,900	17,900	20,000	20,000
3	Reconditioning & 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 & direction of E/in charge.	1 Job	78,600	P/Job	78,600	86,450	86,450	80,000	80,000
4	Re-fixing of impeller in pump shaft with help of hydraulic pressure machine and balancing with accurate centre.	1 Job	11,075	P/Job	11,075	12,200	12,200	15,000	15,000
5	Providing 20 x 20mm Teflon Gland packing.	10 Kgs	1,250	P/Kg	12,500	1,375	13,750	1,400	14,000
6	Providing Rubber flange Gas kit size 4 x 1/8" thick, 2mm.	25 Kgs	220	P/Kg	5,500	240	6,000	200	5,000
7	Providing DADDEX Joining solution. (Made in USA)	1 Kgs	1,200	P/Kg	1,200	1,320	1,320	1,500	1,500
8	Cotton Waste.	60 Lbs	60	P/Lb	3,600	66	3,960	100	6,000
9	P/F 0.5mm Fiber Paper sheet (England made) having w-1 meter.	4 Mtrs	300	P/Mtr	1,200	330	1,320	500	2,000

**Name of Work: COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF  
800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.**

Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. H.R Brothers			
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
10	Providing of Bearing No.6318 BCG (SKF). Detail of Services : •Vibration Analysis. •Dynamic Balancing. •Service fee Laser Alignment / checking. •Service fee Bearing Mounting & dismounting. •Transportation charges of all equipments •Weights/Shims Lubricants of SKF.	1	No	70,103	Each	70,103	77,000	77,000	80,000	80,000
11	Removal of Pulley from Pump shaft with the help hydraulic pressure machine & oxygen acetylene flame as per direction of E/I.	1	Job	11,475	P/Job	11,475	12,620	12,620	15,000	15,000
12	Repairing & Reconditioning, polishing of Bearing housing having size 1 <sup>st</sup> . 190mm 2 <sup>nd</sup> . 125mm taper depth 315mm complete in all respect as per direction of E./I.	1	Job	35,075	P/Job	35,075	38,600	38,600	40,000	40,000
13	Removal of Wear Ring & Neck ring from the Pump casing with the help of Hydraulic pressure machine and oxygen acetylene flame as per direction of E./I.	4	Nos	11,475	Each	45,900	12,600	50,400	10,000	40,000
14	Manufacturing of Wear Ring from Bronze metal (Imported) as per sample and direction of Engineer incharge. Size: 1 <sup>st</sup> O.D.=560, I.D.=524. 2 <sup>nd</sup> . O.D.=532, I.D.=484 & thickness 66mm, thickness 18mm.	2	Nos	120,632	Each	241,264	132,675	265,350	135,000	270,000
15	Fixing of Bronze made Neck & Wear ring. Size of Wear Ring: W=66mm, thickness=25mm, O.D.=530, I.D. = 505mm, Size of Neck Ring W=66mm, 1 <sup>st</sup> . O.D. = 560mm, 1 <sup>st</sup> . I.D. = 524mm, 2 <sup>nd</sup> O.D. = 532mm, 2 <sup>nd</sup> . I.D. = 484mm, thickness=18mm.	4	Nos	11,325	Each	45,300	12,500	50,000	10,000	40,000


**Name of Work: COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF  
800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.**

Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. H.R Brothers			
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
16	Fixing of Bronze made Sleeve upper side in pump shaft having Size: L=1, 192mm, O.D.=140, I.D. = 85mm, L=2, 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	No	11,325	Each	11,325	12,000	12,000	10,000	10,000
17	Removal of Bronze made Sleeve upper side with the help of Hydraulic pressure machine & oxygen acetylene flame as per direction of Engineer incharge	1	No	11,475	Each	11,475	12,400	12,400	10,000	10,000
18	Mfg. of Neck Ring with Bronze metal (Imported) as per sample & direction of Engineer incharge Size= O.D= 530mm, I.D=505mm, Thickness = 25mm & W=66mm.	2	Nos	118,205	Each	236,410	130,000	260,000	150,000	300,000
19	Removal of Bronze made Sleeve Lower side with the help of Hydraulic pressure machine & oxygen acetylene flame as per direction of Engineer incharge	1	No	11,475	Each	11,475	12,450	12,450	10,000	10,000
20	Fixing of Bronze made Sleeve (Lower 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 E / I.	1	No	11,325	Each	11,325	12,455	12,455	10,000	10,000
21	Mfg. of Pulley Collar type from Bronze metal (Imported) having size: L-175mm, OD=175mm, ID=150mm, Collar 10mm as per sample and direction of E/I.	2	Nos	35,495	Each	70,990	39,000	78,000	40,000	80,000
22	Removal of Bronze made Bush from Shaft with the help of Hydraulic pressure machine & oxygen acetylene flame as per direction of E/incharge	1	No	11,475	Each	11,475	12,620	12,620	10,000	10,000
23	Mfg. of Shaft Bush from Bronze metal (Imported) as per sample and direction of Engineer incharge. L1, 192mm, O.D.140mm, I.D.85mm L-2, 361mm, O.D.125mm, I.D.85mm.	2	Nos	48,368	Each	96,736	53,200	106,400	55,000	110,000
24	Providing Nuts & Bolts i/c Plain & Spring washers.	85	Kgs	250	P/Kg	21,250	275	23,375	300	25,500

Mr. T

Handwritten signature

**Name of Work: COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF  
800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.**

Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. H.R Brothers		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
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 2 <sup>nd</sup> . 125mm as per	1	11,325	Each	11,325	12,460	12,460	10,000	10,000
26	Removal of Rubber Bearing (Spider Bush) from shaft with the help of Hydraulic pressure machine & oxygen acetylene flame as per direction of E/I.	1	4,925	Each	4,925	5,400	5,400	5,000	5,000
27	Mfg. of Spider Bush Rubber Bearing with Bronze body re-enforces with neuprem rubber as per sample Size L =130mm. O.D. = 150mm, I.D. = 115mm as per direction of E/ in charge.	1	19,152	Each	19,152	21,000	21,000	20,000	20,000
28	Fixing of Rubber Bearing (Spider Bush) on lower sleeve with the help of Hydraulic pressure machine.	1	11,325	Each	11,325	12,450	12,450	10,000	10,000
29	Local Mfg. of Shaft protecting sleeve made by high class carbon alloy steel (Imported) for 85mm dia solid shaft sleeve, Fix on 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 as per direction of E/ in charge.	1	23,760	P/Job	23,760	26,135	26,135	30,000	30,000
30	Complete dismantling of Valve shutter disc pin both side Shutter disc, Shutter disc and valve body seat bronze etc.	1	18,450	P/Job	18,450	20,000	20,000	25,000	25,000
31	Repair, Reconditioning of Shutter valve disc complete front and back side by method of sand blasting process i/c making "V" Shape thread at disc corner for fixing the disc seating ring having dia 800mm length 25mm with Special holding attachment i/c anticorrosion Sea paint with side of Disc two coats as per direction of the E/incharge.	1	119,460	P/Job	119,460	131,400	131,400	135,000	135,000

*[Handwritten signature]*

*Mr.*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*



**Name of Work: COMPLETE OVERHAULING OF 4500M/H (25 MGD) WEIR SET 'A' I/C R/M OF  
800MM NON RETURN VALVE AT HIGH LIFT PUMP HOUSE AT N.E.K. (P&F) K-II PLANT.**

Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. H.R Brothers		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
32	Local Mfg. of Valve pin from S.S Solid Shaft having dia 140mm length 465mm making collar having dia 133mm and length 30mm other step cutting having dia 120mm and length 310mm and last step cutting dia 108mm and length 120mm masking case hardening on furnace m/L as per direction of the Engineer incharge.	2 Nos	54,390	Each	108,780	59,830	119,660	60,000	120,000
33	Repair and Re-conditioning of valve body both pin guide hole by method of re-filling and shape (damaged hole) Cast iron X-Ray welding about 6" dia and length 6" i/c making hole both pin guide at same axis without disturbing of dis-alignment having dia 125mm length 25mm and other dia 107mm and length 6" dia i/c sand blasting from inside the above body having width 800mm i/c making anticorrosive Sea paint inside the valve as per direction of the E/I	2 Jobs	314,040	P/Job	628,080	345,000	690,000	331,700	663,400
34	Removal of M.S. Pulley from Motor Shaft.	1 Job	13,300	P/Job	13,300	14,700	14,700	15,000	15,000
35	Fixing of M.S. Pulley in Motor Shaft.	1 Job	10,200	P/Job	10,200	13,000	13,000	10,000	10,000
36	Servicing of electric panel for operating 11/3.3KV, 412KW A/C Induction Motor decontamination of bus bar including replacement of over heated bus bar lugs, nuts and bolts etc. (One incoming + 1 out going panel)	2 Jobs	36,378	P/Job	72,756	40,000	80,000	50,000	100,000
37	Grease LGHP 2/1, SKF Brand (Imported)	10 Kgs	6,500	P/Kg	65,000	7,150	71,500	6,960	69,600
	<b>TOTAL QUOTED / CORRECTED BID COST</b>				<b>2,215,516</b>		<b>2,436,495</b>		<b>2,457,000</b>

(Tariq Akbar Khan)  
D.A.O (P&F) NEK (K-II)  
Member / Secretary

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

(Magsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

(Jameel Ahmed Ansari)  
S.E (P&F)-II  
Member

(Saleem Ahmed)  
Chief Engineer (IPD)  
Convener

