

# KARACHI WATER AND SEWERAGE BOARD

## CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPT. KWSB
- 2) PROVINCIAL / LOCAL GOVT / OTHER Local Govt / KWSB
- 3) TITLE OF CONTRACT Construction of Sewerage Treatment Plant
- 4) TENDER NUMBER 2019/2020/001
- 5) BRIEF DESCRIPTION OF CONTRACT Construction of Sewerage Treatment Plant
- 6) FORUM THAT APPROVED THE SCHEME M.A. Board
- 7) TENDER ESTIMATED VALUE Rs. 200,000,000
- 8) ENGINEER'S ESTIMATE (For civil works only) Rs. 200,000,000
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 12 months
- 10) TENDER OPENED ON (DATE & TIME) 15/08/2019
- 11) NUMBER OF TENDER DOCUMENTS SOLD (Attach list of buyers) 100
- 12) NUMBER OF BIDS RECEIVED 100
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 100
- 14) BID EVALUATION REPORT (Enclose a copy) Attached
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. ABC Construction Co. Pvt. Ltd. Plot No. 44, D-6, Clifton
- 16) CONTRACT AWARD PRICE Rs. 195,000,000
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID) 1<sup>st</sup>
- 18) METHOD OF PROCUREMENT USED :- (Tick one)

- |   |   |
|---|---|
| a) SINGLE STAGE - ONE ENVELOPE PROCEDURE _____      | <input checked="" type="checkbox"/> <u>Domestic/Local</u> |
| b) SINGLE STAGE - TWO ENVELOPE PROCEDURE _____      | <input type="checkbox"/>                                  |
| c) TWO STAGE BIDDING PROCEDURE _____                | <input type="checkbox"/>                                  |
| d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE _____ | <input type="checkbox"/>                                  |

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS.

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT W.P. SANKAR

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT:

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
No	<input type="checkbox"/>		

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
No	<input type="checkbox"/>		

22) NATURE OF CONTRACT

<input checked="" type="checkbox"/>	<input type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?  
(Attach copy of the bid evaluation report)

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)

Yes	
No	

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give details and reasons)

Yes	
No	

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF A ROAD:  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	

39) Date of Award of Contract: 25/03/2012

Signature & Official Stamp of  
Authorized Officer

*Badar-ul-Haq*  
Resident Engineer  
NEK (P&F) Old  
K.W.G.S

FOR OFFICE USE ONLY

OFFICE OF THE RESIDENT ENGINEER  
N.E.K. (P&F) OLD, KW&SB

No. RE/NEK(P&F)/OLD/WO/2013-14/

Dated: 21-03-2014

M/s. Al-Hannan Builders,  
Contractor,  
Karachi.

WORK ORDER

Subject:- COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF  
200 HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT  
N.E.K. PUMP HOUSE (OLD), KW&SB.

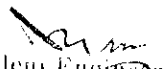
Ref: Your Tender 17.02.2014

Your Tender (On item rate basis) under SPPR-2010 for the above subjected work as evaluated / recommended by the Procurement / Evaluation Committee-I, KW&SB, amounting to Rs.9,95,060/= as per your quoted amount has been accepted by the competent authority being the first lowest bidder. The Finance Department, KW&SB has already concurred in and booked amounting to Rs.9,95,060/= (Rupees Nine Lac Ninety Five Thousand Sixty only) as per above. The expenditure will be chargeable against the B.G. No.6343-21 for the year 2013-2014.

The work will be carried out under the supervision of A.E.E./Engineer Incharge, N.E.K., (P) Old, KW&SB. You are requested to contact him for receiving instruction and for completing required formalities for start of work and work will be started from the date of issue / receiving of this work order, and period for completion of work is within (10) days.

Copy to:-

1. S.E.(P&F)-2, KW&SB.
2. A.E.E., N.E.K.(P&F) Old, KW&SB.
3. Work File.
4. Office copy.

  
Resident Engineer  
NEK (P&F) Old  
K.W.&S.B.



# 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:	SPPRA Serial No.18779 I.D No. /2014
3	Tender Description/Name of Work/Item:	COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&SB
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Web Site
6	Total Bid Documents Sold:	3 Nos
7	Total Bid Received:	3 Nos
8	Technical Bid Opening Date (if applicable):	N/A
9	No. of Bid Technically Qualified (if applicable)	N/A
10	Bid (s) Rejected:	NIL
11	Financial Bid Opening Date:	17-02-2014

### 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.9,95,060/-	1 <sup>st</sup> Lowest	@0.338%Below	Substantially Responsive	P.O # 7627637 dt: 14-02-2014 from UBL Model Colony Branch Karachi Rs.19,910/-
2.	M/s.Aarm Construction	Rs.10,26,386/-	2 <sup>nd</sup> Lowest	@2.799%Above	Substantially Responsive	P.O # 7675717 dt: 14-02-2014 from UBL Malir Cantonment Branch Karachi Rs.20,550/-
3	M/s.A.H Enterprises	Rs.10,54,150/-	3 <sup>rd</sup> Lowest	@5.580%Above	Substantially Responsive	P.O # 9439041 dt: 14-02-2014 HBL Karachi Rs.21,100/-

The all concerned bidders are being informed accordingly.

M/s.Al-Hannan Builders declared as the lowest responsive bidder by the Committee and recommended for sanction from Competent Authority.

(Tariq Abbas)  
Accounts Officer (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 Raheem Khattak)  
Chief Engineer (IP&D)  
Convener

# KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IPD)

## BID OPENING REPORT



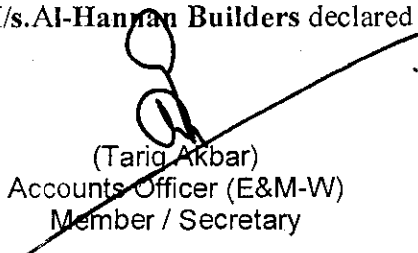
1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	SPPRA Serial No.18779 I.D No. _____/2014
3	Tender Description/Name of Work/Item:	<b>COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&amp;SB</b>
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Web Site</u>
6	Total Bid Documents Sold:	<u>3 Nos</u>
7	Total Bid Received:	<u>3 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	Financial Bid Opening Date:	<u>17-02-2014</u>

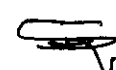
### 11 BID OPENING REPORT

S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDERS	RANKING IN TERMS OF COST	REMARKS
1.	M/s.Al-Hannan Builders	Rs.9,95,060/-	1 <sup>st</sup> Lowest	P.O # 7627637 dt: 14-02-2014 from UBL Model Colony Branch Karachi Rs.19,910/-
2.	M/s.Aarm Construction	Rs.10,26,386/-	2 <sup>nd</sup> Lowest	P.O # 7675717 dt: 14-02-2014 from UBL Malir Cantonment Branch Karachi Rs.20,550/-
3	M/s.A.H Enterprises	Rs.10,54,150/-	3 <sup>rd</sup> Lowest	P.O # 9439041 dt: 14-02-2014 HBL Karachi Rs.21,100/-

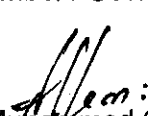
The all concerned bidder are being informed accordingly.

**M/s.Al-Hannan Builders** declared as the lowest responsive bidder.

  
(Tariq Akbar)  
Accounts Officer (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 Khatti)  
Chief Engineer (IPD)  
Convener



**Name of Work: COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&SB**

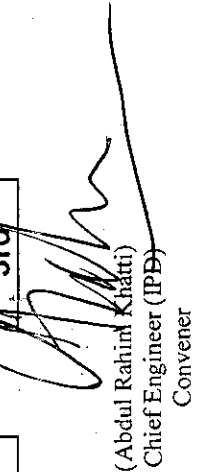
Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. Aarm Construction		M/s. A.H Enterprises			
		Quantity	Rate	Per Amount	Rate	Amount	Rate	Amount	Rate	Amount		
10	Providing & Fixing Overload Relay for sizes 11 & above Model FT-300 as required and as per instruction of E/Incharge.	1.00	No	46,956	Each	46,956	47,000	47,000.00	50,000	50,000.00	51,000	51,000
11	P/F Timer 500 Hours Power backup (National) after removing of existing burnt / damaged / old timer after disconnection of main power supply & reconnection the same after fixing of the timer as required and as per instruction of E/Incharge.	1.00	No	9,609	Each	9,609	10,000	10,000.00	9,600	9,600.00	10,000	10,000
12	Providing & Fixing Ammeter size 96/96 mm Direct 15A, 30A, 50A, 60A & 100A as required and as per instruction of Engineer Incharge.	1.00	No	1,054	Each	1,054	1,000	1,000.00	970	970.00	1,200	1,200
13	Providing & Fixing Volt Meters size 96/96 mm 500 Volts as required and as per instruction of Engineer Incharge.	1.00	No	999	Each	999	1,000	1,000.00	1,200	1,200.00	1,500	1,500
14	Mfg. & Providing of Carbon steel Top shat for Pump type B16D having size length 8", dia 45mm threading, throughing requird making key and chuck nuts and as per instruction of E/Incharge.	1.00	No	6,608	Each	6,608	7,000	7,000.00	10,000	10,000.00	11,000	11,000
15	Mfg. & Providing of Carbon steel Column shat for Pump type B16D having size length 10", dia 45mm threading, polishing, throughing as required and as per instruction of E/Incharge.	1.00	No	8,682	Each	8,682	9,000	9,000.00	10,000	10,000.00	10,000	10,000
16	Mfg. & Providing of Stainless Steel pump shaft for pump type B-16D having size Length 5', 8" dia 45mm threading, polishing, throughing as required and as per instruction of E/Incharge.	1.00	No	8,114	Each	8,114	8,000	8,000.00	10,000	10,000.00	9,500	9,500
17	Dismantling and reassembling of Deep well Turbine (DWT) Pump.	1.00	No	4,865	Each	4,865	4,800	4,800.00	5,000	5,000.00	5,100	5,100
18	Mfg. & Providing Gun metal Sand Guard of Pump type B16D.	2.00	Nos	1,901	Each	3,802	2,000	4,000.00	2,500	5,000.00	2,495	4,990
19	Mfg. & Providing of Gun metal Bowl sleeve for Pump type B16D	3.00	Nos	1,604	Each	4,812	1,500	4,500.00	1,500	4,500.00	1,610	4,830
20	Mfg. & Providing of Cast Iron Wearing Rings for pump type B16D.	3.00	Nos	1,835	Each	5,505	1,900	5,700.00	2,000	6,000.00	2,500	7,500
21	Mfg. & Providing of Stainless Steel Clamping for pump type B16D.	3.00	Nos	1,890	Each	5,670	1,850	5,550.00	2,000	6,000.00	2,500	7,500
22	Mfg. & Providing of Gun Metal Bearing Sleeve for pump type B16D.	2.00	Nos	1,842	Each	3,684	1,850	3,700.00	1,875	3,750.00	2,000	4,000

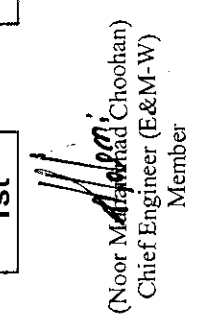
*[Handwritten signatures and initials]*

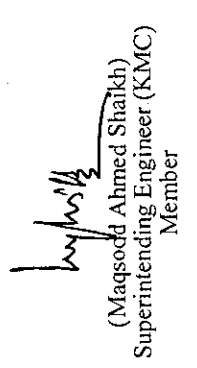


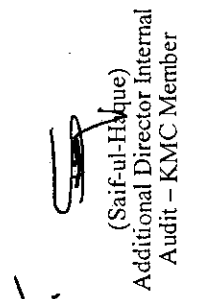
**Name of Work: COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&SB**

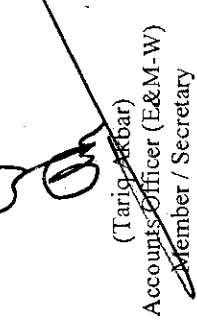
Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. Aarm Construction		M/s. A.H Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	Rate	Amount
23	Mfg. & Providing of Bronze Impeller of Pump Type B16D.	3.00	Nos	Each	29,280	9,500	28,500.00	10,000	30,000.00	11,000	33,000
24	Mfg. & Supplying of S.Steel Strainers inside 250mm, height 300 mm thickness, 5mm for (DWT) Pump.	2.00	Nos	Each	6,396	3,200	6,400.00	3,500	7,000.00	3,650	7,300
25	Providing C.I Sluice Valve having pattern (Test Pressure 21.0 Kgs/Sq. coin or 300 Lbs/Sq. inch) imported 12" dia	1.00	No	Each	78,000	78,000	78,000.00	80,000	80,000.00	83,500	83,500
26	Fixing of Sluice Valve with 2 Cast Iron Tail piece One end flanged and other with socket including the cost of nuts, bolts & rubber packing labour etc. complete 12" dia.	1.00	No	Each	3,821	4,000	4,000.00	5,000	5,000.00	5,000	5,000
27	Providing & Fixing of 12" dia Non-return Valve Imported flange type (European brand) including Rubber insertion sheet & nuts, bolts, washer i/c cartage as required complete in all respect and as per direction of Engineer Incharge.	1.00	No	Each	143,250	143,000	143,000.00	145,000	145,000.00	147,500	147,500
28	Mfg. Supplying & Fixing Black Sheet M.S Pipe made out of M.S Sheet conforming of API 5L Grade X-42 ERW & Externally asphalt coated with Fiber Glass 5mm thick internally C.C. lining 8mm thick (awwa Specification) i/c laying jointing with Helical welding in trenches i/c cost of bend of any degree & testing with water specified pressure 12" dia Thickness 7.9mm for Delivery line of Turbine Pump.	4.00	Rft	P/Rft	13,352	3,500	14,000.00	3,400	13,600.00	3,300	13,200
29	P/F M.S Flange made of M.S Plate having a thickness and total weight as mentioned against each item. It includes the cost of making holes, facings, welding, nuts bolts, Rubber packing white lead, Filter, cartage etc. Complete 12" dia Thickness 1/2" M.S plate.	2.00	Nos	Each	5,904	3,000	6,000.00	5,000	10,000.00	6,000	12,000
Total Cost					998,435		995,060		1,026,386		1,054,150
							<b>1st</b>		<b>2nd</b>		<b>3rd</b>

  
 (Abdul Rahim Khattai)  
 Chief Engineer (IPB)  
 Convener

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

  
 (Maqsood Ahmed Shaikh)  
 Superintending Engineer (KMC)  
 Member

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

  
 (Tariq Akbar)  
 Accounts Officer (E&M-W)  
 Member / Secretary

**OFFICE OF THE CHIEF ENGINEER (E&M)-W**  
**KARACHI WATER & SEWERAGE BOARD**

No.KW&SB/CE/E&M-W/2014/ 315  
Dated: 17/3/2014

M/s. Al-Hannan Builders,  
Contractor,  
Karachi.

**LETTER OF ACCEPTANCE / SANCTION LETTER**

**SUBJECT:- COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200 HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K. PUMP HOUSE (OLD), KW&SB**

On behalf of the employers, it is notified that following the approval of the Managing Director, KW&SB vide Para-32/N, your bid for the subjected work is hereby accepted for the sum of Rs.9,95,060/= (Rupees Nine Lac Ninety Five Thousand Sixty only) as worked out / evaluated by Procurement / Evaluation Committee-I vide Para-43/N and financially concurred by Finance Department, KW&SB vide Para-48 to 57/N duly approved by M.D., KW&SB vide Para-59/N. The expenditure is chargeable to B.G. No.6343-21 for the financial year 2013-2014.

There is now binding contract between KW&SB and M/s. Al-Hannan Builders.

In accordance with the existing practice in vogue in KW&SB, you are required to enter in to and execute a Contract agreement. This agreement shall be signed by the employer and M/s. Al-Hannan Builders.

Provide with the 02% @ Rs.9,95,060/= of above cost as performance security in accordance with existing clause of SPPR Rules-2010 in shape of Bank Guarantee / Pay order or Bank Draft from any scheduled Bank of Pakistan.

You are therefore, directed to contact Resident Engineer, NEK (P&F) Old Division Office for execution of Agreement, the value of Stamp paper will be Rs.2,990/= @ 0.30% of sanctioned cost which should be produced by you.

All correspondence onward shall be carried out through Superintending Engineer (P&F)-2, KW&SB.

In case of failure, the Letter of Acceptance / Sanction Letter shall be stand cancelled.

*Mannan*

  
( Noor Muhammad Chohan )  
Chief Engineer (E&M)-W  
K. W. & S. B.

Copy to:-

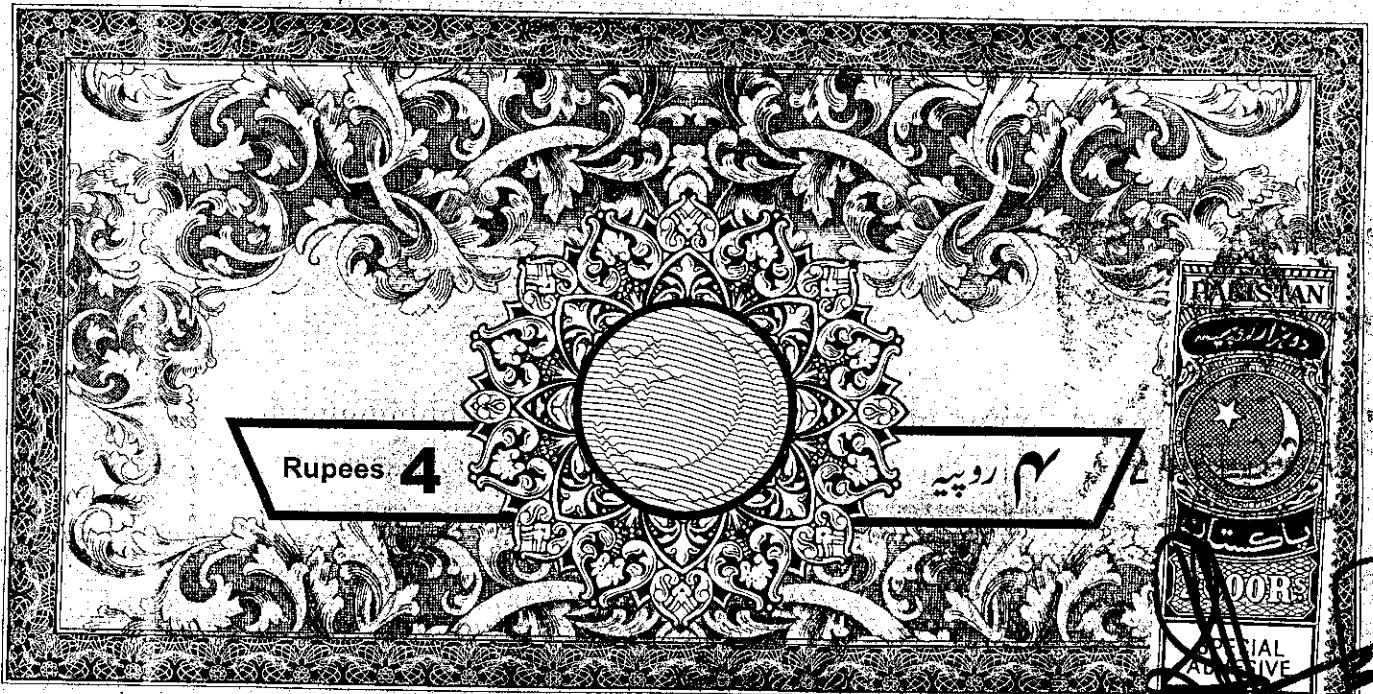
1. The D.C.E. (E&M)-W, KW&SB.
2. The S.E.(P&F)-2, KW&SB. With directives to abide all codal formalities under Rules SPPR-2010 before submission of Bill. Original work file of the above subjected work is enclosed herewith.
3. The Director Accounts, KW&SB.
4. The A.D. (LFA), KW&SB.
5. Office copy.

018675

C No = 327



2000/



PAID TO THE ORDER OF  
Karachi No 25, Block No. 1, Karachi  
Station, Block No. 1, Karachi  
91467  
Date  
Address  
Through Address  
Purpose  
T. No. 8823 Advocate

15 JAN 2014

SUPERINTENDENT  
Stamp Office, City Court  
Karachi.

24 FEB 2014

**AGREEMENT**

Between

M/s. Al-Hannan Builders,  
and

Karachi Water & Sewerage Board.

This agreement made on this 20 day of March 2014, between Karachi Water & Sewerage Board, Block-B, 9<sup>th</sup> Mile Shakra-e-Faisal, Karsaz, Karachi, through its Chief Engineer (E&M)-Water / S.E. (P&F)-2, KW&SB, hereinafter called the Board (hereinafter called the employer of the one part) and M/s. Al-Hannan Builders, Karachi, hereinafter called the Contractor of the other part.

Whereas the KW&SB has accepted the Contractor's Tender here unto Annexed and marked 1/3 dated 17.02.2014 for the work of "COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200 HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K. PUMP HOUSE (OLD), KW&SB". Estimated cost: (On Item rate basis) under SPPR-2010. The total sanctioned amount is Rs.9,95,060/= (Rupees Nine Lac Ninety Five Thousand Sixty only) as evaluated / recommended by Procurement / Evaluation Committee-i, KW&SB vide Para-43/N and financially concurred by the Finance Department, KW&SB vide Para-48 to 57/N duly approved by the Managing Director, KW&SB vide Para-59/N as per Contractor's quoted amount, the amount put to tender. According to the specifications and general terms and conditions vide Para-7&8 CPWA Code duly signed by the Contractor have made them fully acquainted with its meanings.

WHEREAS 10% Security Deposit (02% Earnest Money on Quoted amount is deposited by Contractor in favour of KW&SB) will be deducted from the Contractor's bill and such amount have given a lien over as security for the due fulfillment of the contract and the Contractor abide all the terms and conditions and aforesaid specification of the tender. Security Deposit deducted to be refunded after three months of satisfactory completion of the work.

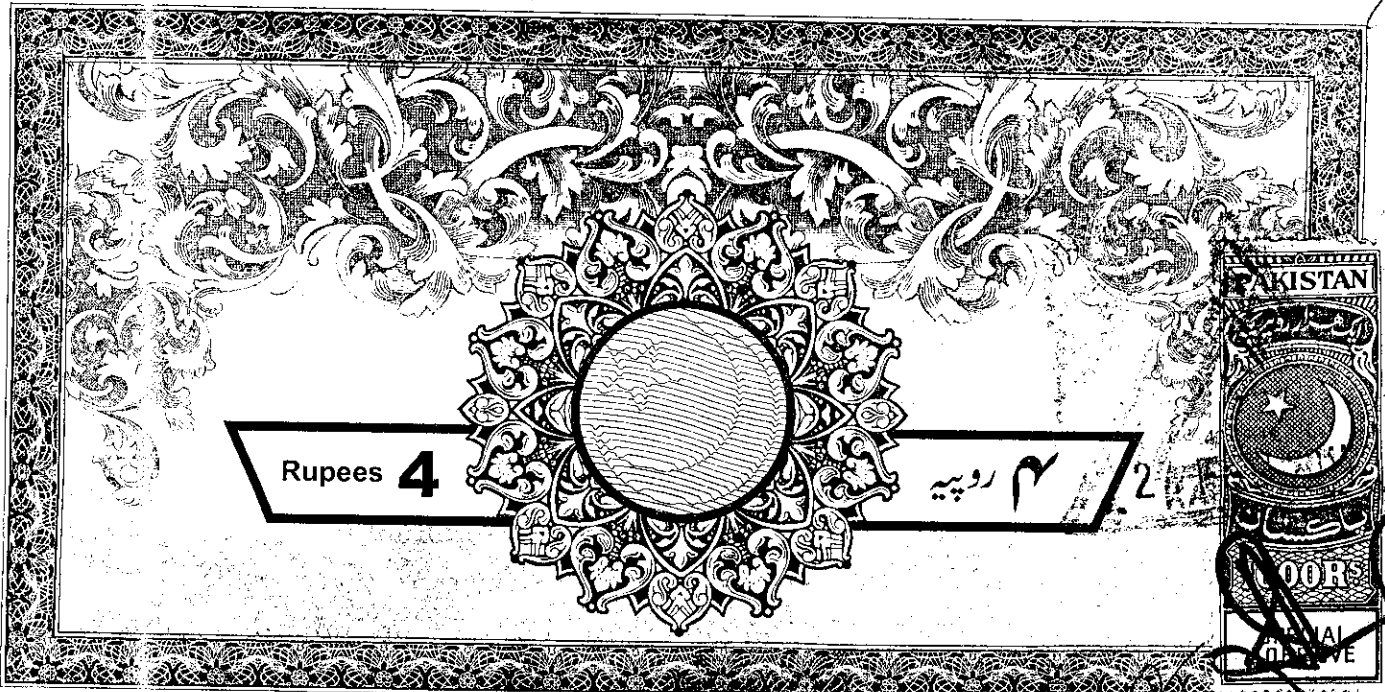
*Al-Hannan*

018650

500/21 no. 327



1000/2



SHARIF SALEEM Stamp Vendor  
License No 85, Shop No. 1, Karna Plaza, 15 JAN 2014  
Orishan-e-Jabal, Block-14, Karachi  
11442 Date

OFFICE SUPERINTENDENT  
Stamp Office City Court  
Karachi

24 FEB 2014

The payment to be made by KW&SB to the contractor as per prevailing legal / codal practice

The Contractor due hereby bind themselves their heirs successors / legal representatives and assignee to pay 0.5% of Bid Cost per day of delay to the KW&SB or such smaller amount fixed by the competent authority. The time for completion of this work is within (10) Days.

IN WITNESS WHEREOF the said parties have set their respective hands on this 20- day March, 2014.

*M. amnan*  
M/s. Al-Hannan Builders,  
(Contractor)

*[Signature]*  
RESIDENT ENGINEER  
NORTH EAST KARACHI (P&F) OLD  
DIVISION, KW&SB

*[Signature]*  
SUPERINTENDING ENGINEER  
(PUMPING & FILTER)-2,  
KW&SB

*[Signature]*  
CHIEF ENGINEER (M)-WATER  
K.W. & S.B.

WITNESSES:

*M/S S. Qayyum & Sons*  
*[Signature]*

*[Signature]*  
H.R. Brothers

DMD (T/S) KW&SB  
 Dairly No. 2485/12  
 Date 12/12/13

NOTE SHEET

(4-)



SUBJECT:- COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200 HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT NEK PUMP HOUSE (OLD), KW&SB

DMD (T/S) KW&SB  
 Dairly No. 1621  
 Date 16/11/14

30

The case is submitted with strong recommendation for obtaining technically sanction and administrative/financial approval of Managing Director, KW&SB for ~~calling tender through website under Rule 17(4) of SPPRA 2010~~ for the above subjected work for ~~Rs 9,98,435/-~~ duly checked/assessed by Design Office, KW&SB, as requested by R.E. vide para-22-26/N duly recommended / forwarded by S.E. and DCE vide para 28/N and 29/N with permission to reimbursement of payment for Rs.2,000/= (Through Pay Order) of upload/hosting to the website of SPPRA authority and same will be reimbursed in favour of R.E., NEK (P&F) Old Division, please.

31

D.M.D. (T/S).

For necessary administrative approval as recommended by CE (E&M)W, vide para 30/N, please

C.E. (E&M)-W

M. Haffu  
12/12

32

M.D. KW&SB.

As proposed at para 31/N

DMD (T/S)

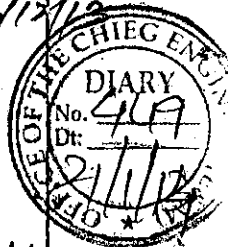
When Chief  
30/12/2013  
16/12/13

DMD (T/S)

33

CE (E&M)W

M. Haffu  
DMD (T/S) 22/01/14



34

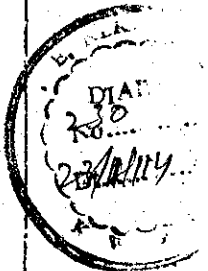
DCE (E&M)-W

For n/a Please.

C.E. (E&M) - W.

For n/a

Headquater,  
DCE (E&M)



D. KW&SB  
 YNO 7355  
 31/12/2013

SE NEK (P&F) II

RE (NETC) REF AD

DA

M. Haffu

669  
14/3/14

**NOTE SHEET**  
**(Finance Department)**  
(7)

Paras

Reference

"TENDER"

(Through SPPRA WEB)

SUB:- COMPLETE OVERHAULING OF DWT PUMP AND SERVICING OF 200 HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT NEK PUMP HOUSE OLD KW&SB. FOR RS. 9,95,060/- IN F/O M/S. AL-HANNAN BUILDERS. CODE NO. 3601-34

The proposal has been examined and comments are as under:-

Administrative approval of the M.D,KWSB has been obtained at para 32/n to invite the tenders through SPPRA Web under Rule 17 (1) of SPPR-2010 vide SPPRA S.NO.17230, whereas, tenders have been opened on 17-02-2014 by the Procurement Committee-I, KW&SB.

According to para 40/n of the Procurement Committee-I,KW&SB three firms participated in the competition and M/s. Al-Hanan Builders stood first lowest on bid price Rs.9,95,060/-.

The Procurement Committee-I,KW&SB, in its recommendations made at para 43/n, evaluated the cost of work Rs. 9,95,060/- in F/O M/s. Al-Hannan Builders.

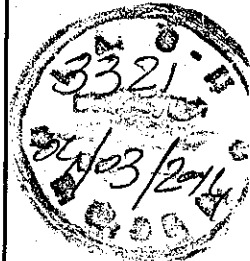
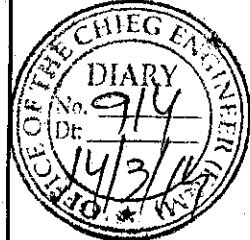
The expenditure is chargeable to B.G No. 6343-21 for the year 2013-14.

Observations.

Estimate has not been sanctioned technically under Rule 24 of Works Rule 1969.

According to the new policy of SPPRA notified to all Procuring Agency vide NO.Dir.(A&F)/SPPRA/1-3 (GEN)/13-14/087 dated:03-07-2013 the I.D of the work shall be released as and when the mandatory documents will be provided to SPPRA. C.E(E&M) may be requested to make sure the strict compliance of the said directives so that I.D of the work could be released within the specified time and further proceedings of case.

The proposal is concurred in subject to approval of the M.D,KW&SB and compliance with the above observations before submission of bill for payment.



AD(E&M)-w

6) AD(E&M)-w

CP(E&M)w

M Negh

60) DMDC/S

DIRECTOR ACCOUNTS.

D.M.D.(F).

D.M.D.(T/S).

Approval may kindly be accorded by M.D, KW&SB, as recommended by Procurement Committee, vide para 43(b)/14, & requested by CE(E&M)w, vide para 44/14, 45/n, the case is financially concurred in by AO-II, vide para 55/14, p/c

NO. 45/14

Allowed as proposed (D.M.D.(T/S))

at para 58/14

DMDC(S)

25/3

10/3/14

# NOTE SHEET

(6-)

C.E. (E & M)  
Dispatch: 27/2/14  
Dated: 20-02-2014

Paras

Reference


SUB: COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&SB

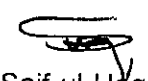
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24/2/14

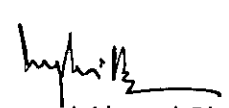
6. Recommendation of the Committee

43

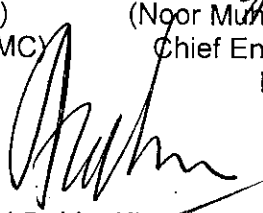
Three Contractors participated in the bid, the lowest bidder of M/s. **Al-Hannan Builders** quoted / corrected bid cost amounting to **Rs.9,95,060/-** (Rupees Nine Lac Ninety Five Thousand and Sixty only), which is @0.338% Below from the Engineer's Estimate, the Procurement Committee-I assessed the bid of Lowest Bidder on market rate basis which is reasonable and recommended for approval of Competent Authority, KW&SB subject to the completing all codal formalities of SPPRA-2010 and release of I.D from SPPRA by the concerned DDO / DAO. Expenditure is chargeable to the H/A No.6343-21 vide Para-25/N3 for the financial year 2013-2014 to meet the expenditure.

  
(Tariq Akbar)  
Accounts Officer (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 (IPD)  
Convener

The C.E (E&M-W), KW&SB

44,

The subjected tenders opened on 17.2.2014 through website of SPPRA vide Serial No.18779 after having approval of the competent authority of KW&SB vide para 32/N. The Procurement Committee-I evaluated / recommended bid cost as Rs.9,95,060/= vide para 43/N.

45,

Hence, the case is submitted to Finance Department, KW&SB for concurrence before taking financial approval along with technically sanction of work and execution of agreement from Managing Director, KW&SB.

46,

D.M.D (F)

  
C.E.(E&M)-W

47,


20/02/2014  
20/02/2014  
20/02/2014

# NOTE SHEET

(-5-)

Paras

Reference

**SUB: COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&SB**

**EVALUATION REPORT**

**1. ENGINEER ESTIMATE**

37

The concerned Resident Engineer, NEK (P&F) Old Division, prepared an estimate for amount of Rs.9,98,435/- which was checked by Design Office for an amount of Rs.9,98,435/-. The M.D, KW&SB accorded approval for calling tender vide Para-32/N-4.

**2. BIDDING DOCUMENT**

38

The bidding documents were prepared by concerned Resident Engineer. The bidding documents are based on the design for the work prepared by concerned Resident Engineer, NEK (P&F) Old Division.

**3. BIDDING PROCEDURE**

39

The invitation of tenders and availability of tender documents were notified through SPPRA Web Site vide No.RE/NEK/P&F-Old/NIT/20-13-14/50 dated: 28-01-2014 and SPPRA Web Site vide Serial No.18779 I.D No. \_\_\_\_\_/2014 which were opened on 17-02-2014.

**4. RECEIPT OF BIDS**

40

The Three bids were received on 17-02-2014 at 2.00 p.m and opened on same date at 2.30 p.m by Procurement Committee-I and announced the bids in presence of representative of bidders. The following bids were received and positions are as under:

S.N	Name of Firms	Quoted Price	Corrected Price	Rank	Remarks
1.	M/s.Al-Hannan Builders	Rs.9,95,060/-	Rs.9,95,060/-	1 <sup>st</sup> Lowest	Substantially Responsive
2.	M/s.Aarm Construction	Rs.10,26,386/-	Rs.10,26,386/-	2 <sup>nd</sup> Lowest	Substantially Responsive
3	M/s.A.H Enterprises	Rs.10,54,150/-	Rs.10,54,150/-	3 <sup>rd</sup> Lowest	Substantially Responsive

**5. PROCUREMENT COMMITTEE-I**

41

The Procurement Committee-I as per Rule-7 of SPPRA-2010 has been re-constituted by the Competent Authority vide No.KWSB/CE(IPD)/2013/236 dated:15-03-2013 comprising on the following officer for opening of bids and all bids shall be evaluated in accordance with the Evaluation Criteria as per letter No.KWSB/CE(IPD)/2013/271 dated:11-11-2013 as the KW&SB are essential department and maintaining the installation of pumping machineries with allies structure, filter plants with allied structure of sewerage and water supply system and essential works cannot be avoided in the great interest of people of Karachi Metropolitan, hence all bids evaluated and recommended subject to the completing all codal formalities of SPPRA and release of I.D by the concerned Division before awarding the work:

1	Chief Engineer (IPD), KW&SB	Convener
2	Chief Engineer (E&M- W), KW&SB	Member
3	Additional Director Internal Audit KMC	Member
4	Superintending Engineer (KMC)	Member
5	Accounts Officer (E&M-W), KW&SB.	Member/Secy.

42

The meeting of the Procurement Committee-I was held on 18-02-2014 at 3.00 p.m vide meeting notice No.A.O/C.E(E&M-W)/KW&SB/2014/98 dated: 17-02-2014.



NAME OF WORK:- COMPLETE OVERHAULING OF (DWT) PUMP AND  
SERVICING OF 200 HP MOTOR SET NO.5 WITH RELEVANT  
ACCESSORIES AT N.E.K. PUMP HOUSE (OLD), KW&SB

(B) Description and rate of Items based (On Item rate basis)

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1.	200Hp	Servicing & varnishing of 200Hp Electric Motor 3-Phase AC with complete varnishing and baking i/c testing on load.	86	Hp	17200
2.	01No.	P/F Roller Bearing No.NU-319 ECM/C <sup>3</sup> , in SKF Brand for Motor. Scope of work:-	7500	Each	7500
a).	01No.	Vibration Analysis Services fee.	900	Each	900
b).	01No.	Dynamic Balancing Services fee.	4550	Each	4550
c).	01No.	Service fee for laser alignment / checking.	24620	Each	24620
d).	01No.	Service fee for Bearing Mounting / dis-mounting.	20250	Each	20250
e).	01No.	Transportation charges of all equipment.	1100	Each	1100
f).	01No.	Weight / Shims / Lubricants of SKF charges.	17950	Each	17950
3.	01No.	P/F Ball Bearing No.6322 M/C <sup>3</sup> , in SKF Brand for Motor. Scope of work:-	7700	Each	7700
a).	01No.	Vibration Analysis Services fee.	990	Each	990
b).	01No.	Dynamic balancing Services fee.	3950	Each	3950
c).	01No.	Service fee for laser alignment / checking.	2500	Each	2500
d).	01No.	Service fee for Bearing Mounting / dis-mounting.	11990	Each	11990
e).	01No.	Weight / Shims / Lubricants of SKF charges.	800	Each	800
4.	01No.	Repairing of Bearing housing re-metalling, turning, machining etc. complete size OD=240mm, ID=180mm depth=55mm	1400	Each	1400
5.	01No.	Repairing of Bearing housing re-metalling, turning, machining etc. complete size OD=200mm, ID=160mm depth=55mm	1400	Each	1400
6.	01No.	Repairing and Servicing of terminal base of 200Hp Electric Motor complete in all respect and as per direction of E/I.	950	Each	950
7.	01No.	Providing & Fixing Circuit Breaker 630Amps. TP Setting 400-630Amps. (XS-630CJ) on prepared board as required.	6150	Each	6150
8.	01No.	Providing & Fixing Magnetic Contact FC-130N as required & as per instruction of E/I.	3300	Each	3300

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
9.	02Nos.	Providing & Fixing Magnetic Contact FC-160N as required & as per instruction of E/I	400	Each	800
10.	01No.	Providing & Fixing Overload Relays for sizes 11 & above Model FT-300 as required & as per instruction of E/I	4700	Each	4700
11.	01No.	P/F Timer 500 Hours Power backup (National) after removing of existing burnt / damaged / old timer after disconnection of main power supply & reconnection of the same after fixing of then timer as required as per instruction of Engineer incharge.	1000	Each	1000
12.	01No.	Providing & Fixing Ammeters Size 96/96mm Direct 15A, 30A, 50A, 60A & 100A as required & as per instruction of Engineer incharge.	1000	Each	1000
13.	01No.	Providing & Fixing Volt meters Size 96/96mm 500Volts as required & as instruction of Engineer incharge.	1000	Each	1000
14.	01No.	Mfg. / Providing of Carbon Steel Top Shaft for Pump type B16D having size length 8" dia 45mm threading, polishing, through as required making key and chuck nut as per direction of E/I.	700	Each	700
15.	01No.	Mfg. / Providing of Carbon Steel Column Shaft for Pump type B16D having size length 10dia 45mm threading, polishing as per direction of E/I.	900	Each	900
16.	01No.	Mfg. / Providing of Stainless Steel Pump Shaft for Pump type B16D having size length 5'-8", dia 45mm threading, polishing, throughing as required and as per direction of E/I.	800	Each	800
17.	01No.	Dismantling & reassembling of Deep Well Turbine (DWT) Pump.	4800	Each	4800
18.	02Nos.	Manufacturing & Providing of Gun Metal Sand Guard for Pump type B16D.	200	Each	400
19.	03Nos.	Manufacturing & Providing of Gun Metal Bowl Sleeve for Pump type B16D.	1500	Each	4500
20.	03Nos.	Manufacturing & Providing of Cast Iron Wearing Ring for Pump type B16D.	190	Each	570
21.	03Nos.	Manufacturing & Providing of Stainless Steel Clamping Sleeve for Pump type B16D.	1850	Each	5550
22.	02Nos.	Manufacturing & Providing of Gun Metal Bearing Sleeve for Pump type B16D.	1850	Each	3700
23.	03Nos.	Manufacturing & Providing of Bronze Impeller of Pump type B16D.	9500	Each	28500
24.	02Nos.	Mfg./Supplying of S. Steel Strainer inside 250mm, height 300mm Thickness 5mm for (DWT) Pump	3200	Each	6400
25.	01No.	Providing C.I. Sluice Valve Heavy pattern (Test pressure 21.0Kg./Sq. Cosin or 300Lbs/Sq. inch) Imported 12" dia.	7800	Each	7800

Item No.	Qty.	Description of item to be executed at site	Rate	Unit	Amount in Rupees
26.	01No.	Fixing of Sluice Valve with 2 Cast iron Tail Piece one end flange and other with socket including the cost of nuts, bolts, Rubber packing Labour etc. complete. 12" dia.	4000	Each	4000
27.	01No.	Providing & Fixing of 12" dia Non-return Valve Imported flange type (European brand) including Rubber insertion sheet & nuts, bolts, washer i/c cartage as required complete in all respect and as per direction of Engineer incharge.	143000	Each	143000
28.	04 Rft.	Mfg., Supplying & Fixing Black Sheet M.S. Pipe made out of M.S. Sheet conforming of API 5L Grade X42 ERW & Externally asphalt coated with Fiber Glass 5mm thick internally C.C. lining 8mm thick (AWWA Specification) i/c laying jointing with Helical welding in trenches i/c cost of bend of any degree & testing with water specified pressure 12" dia Thickness 7.9mm. for Delivery line of Turbine Pump.	3500	Rft.	14000
29.	02Nos.	P/F M.S. Flange made of M.S. Plate having a thickness and total weight as mentioned against each item. It includes the cost of making holes, facings, welding, nuts, bolts, Rubber packing white lead, Filter, cartage etc. Complete. 12" dia. Thickness 1/2" M.S. Plate.	3000	Each	6000
<b>Total: Rs:</b>					<b>995060</b>

I/We hereby quoted Rs. 995060 execution of above work and I/We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of KW&SB.

Mannan

Signature of Contractor  
With name of firm & Seal

Address Al-Hannan Builders

Contact # 0321-2570774

Badar ul Haq  
Resident Engineer  
NEK (P&D) Old  
KW&SB

1- Tender/Quotation received in sealed Cover and open by Tender Committee.  
2- No cutting or overwriting or overwriting or overwriting  
3- Contractor shall not receive any money of bid amount until 19.9.21.  
No. 7627637 Date 14/8/21  
By U.S. Al-Hannan Builders  
4- Contractor has quoted 995060 (Rupees) Al-Hannan Builders  
Craty Dely

[Signature]  
A.O. (E&M) Water  
(Member/Secretary)

[Signature]  
C.E. (E&M) Water  
(Member)

[Signature]  
Addl. Dir.  
Internal Audit-KMC  
(Member)

[Signature]  
S.E. (KMC)  
(Member)

[Signature]  
C.E. (P&D)  
(Convener)



# KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

## BID EVALUATION REPORT

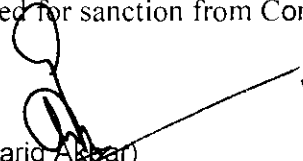
1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	SPPRA Serial No.18779 I.D No. _____/2014
3	Tender Description/Name of Work/Item:	<b>COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&amp;SB</b>
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Web Site</u>
6	Total Bid Documents Sold:	<u>3 Nos</u>
7	Total Bid Received:	<u>3 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:	17-02-2014


### 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.9,95,060/-	1 <sup>st</sup> Lowest	@0.338%Below	Substantially Responsive	P.O # 7627637 dt: 14-02-2014 from UBL Model Colony Branch Karachi Rs.19,910/-
2.	M/s.Aarm Construction	Rs.10,26,386/-	2 <sup>nd</sup> Lowest	@2.799%Above	Substantially Responsive	P.O # 7675717 dt: 14-02-2014 from UBL Malir Cantonment Branch Karachi Rs.20,550/-
3	M/s.A.H Enterprises	Rs.10,54,150/-	3 <sup>rd</sup> Lowest	@5.580%Above	Substantially Responsive	P.O # 9439041 dt: 14-02-2014 HBL Karachi Rs.21,100/-


The all concerned bidders are being informed accordingly.

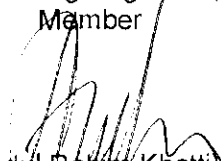
**M/s.Al-Hannan Builders** declared as the lowest responsive bidder by the Committee and recommended for sanction from Competent Authority.

  
(Tariq Akbar)  
Accounts Officer (E&M-W)  
Member / Secretary

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

  
(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

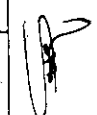
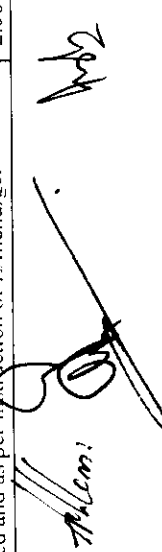
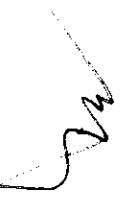
  
(Noor Muhammad Chohan)  
Chief Engineer (E&M-W)  
Member

  
(Abdul Rehman Khattak)  
Chief Engineer (IPD)  
Convener

**COMPARATIVE STATEMENT**

**Name of Work: COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&SB**

Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. Aarm Construction		M/s. A.H Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Servicing and varnishing of 200 HP Electric Motor-3 Phase AC with complete varnishing & backing i/c testing on load.	200	90	P/HP	18,000	86	17,200.00	92	18,400.00	100	20,000
2	P/F Roller Bearing No.NU-319 ECM/C <sup>3</sup> in SKF Brand for Motor. <b>Scope of Work:-</b>	1.00	74,600	Each	74,600	75,000	75,000.00	77,210	77,210.00	77,920	77,920
a)	Vibration Analysis Service Fee.	1.00	10000	Each	10,000	9000	9,000	9,120	9,120	9,500	9,500
b)	Dynamic Balancing service Fee.	1.00	45000	Each	45,000	45500	45,500	45,625	45,625	46,100	46,100
c)	Service fee for laster alignment / checking	1.00	25000	Each	25,000	24620	24,620	24,000	24,000	25,000	25,000
d)	Service fee for Bearing Mounting / dis-mounting.	1.00	20000	Each	20,000	20250	20,250	21,999	21,999	22,000	22,000
e)	Service fee for Bearing Mounting / dis-mounting.	1.00	12000	Each	12,000	11000	11,000	12,125	12,125	12,500	12,500
f)	Transportation charges of all equipment.	1.00	18000	Each	18,000	17,950	17,950	18,000	18,000	18,000	18,000
3	P/F Ball Bearing No.6322 M/C <sup>3</sup> in SKF Brand for Motor. <b>Scope of Work:-</b>	1.00	77,061	Each	77,061	77000	77,000.00	80,000	80,000.00	78,000	78,000
a)	Vibration Analysis Service Fee.	1.00	10000	Each	10,000	9900	9,900	10,000	10,000	11,110	11,110
b)	Dynamic Balancing service Fee.	1.00	40000	Each	40,000	39500	39,500	39,000	39,000	39,500	39,500
c)	Service fee for laster alignment / checking	1.00	25000	Each	25,000	25000	25,000	25,100	25,100	25,250	25,250
d)	Service fee for Bearing Mounting / dis-mounting.	1.00	12000	Each	12,000	11990	11,990	12,000	12,000	12,500	12,500
e)	Weight / Shims / Lubricants of SKF	1.00	8000	Each	8,000	8,000	8,000	10,000	10,000	10,500	10,500
4	Repairing of Bearing housing re-metalling, turning, machining etc complete size OD=240 mm ID=180mm depth 55mm.	1.00	13,700	Each	13,700	14,000	14,000.00	13,910	13,910.00	14,000	14,000
5	Repairing of Bearing housing re-metalling, turning, machining etc complete size OD=200 mm ID=160mm depth 55mm.	1.00	13,700	Each	13,700	14,000	14,000.00	14,000	14,000.00	13,900	13,900
6	Repairing and Servicing of Terminal Box of 200 Hp Electric motor. Complete in all respects and as per direction of E/Ingrg.	1.00	9,675	Each	9,675	9,500	9,500.00	10,000	10,000.00	11,000	11,000
7	Providing & Fixing Circuit Breaker 630Amps. TP Setting 400-630Amps. (XS-630 C) on prepared board as required.	1.00	61,696	Each	61,696	61,500	61,500.00	61,777	61,777.00	62,000	62,000
8	Providing & Fixing Magnetic Contactor FC-130N as required and as per instruction of E/Incharge.	1.00	32,860	Each	32,860	33,000	33,000.00	35,500	35,500.00	35,750	35,750
9	Providing & Fixing Magnetic Contactor FC-160N as required and as per instruction of E/Incharge.	2.00	40,890	Each	81,780	40,000	80,000.00	38,000	76,000.00	40,000	80,000

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Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. Aarm Construction		M/s. A.H Enterprises		
		Quantity	Rate	Per Amount	Rate	Amount	Rate	Amount	Rate	Amount	
10	Providing & Fixing Overload Relay for sizes 11 & above Model FT-300 as required and as per instruction of E/Incharge.	1.00	No	46,956	Each	47,000	47,000.00	50,000	50,000.00	51,000	51,000
11	P/F Timer 500 Hours Power backup (National) after removing of existing burnt / damaged / old timer after disconnection of main power supply & reconnection the same after fixing of the timer as required and as per instruction of E/Incharge.	1.00	No	9,609	Each	10,000	10,000.00	9,600	9,600.00	10,000	10,000
12	Providing & Fixing Ammeter size 96/96 mm Direct 15A, 30A, 50A, 60A & 100A as required and as per instruction of Engineer Incharge.	1.00	No	1,054	Each	1,000	1,000.00	970	970.00	1,200	1,200
13	Providing & Fixing Volt Meters size 96/96 mm 500 Volts as required and as per instruction of Engineer Incharge.	1.00	No	999	Each	1,000	1,000.00	1,200	1,200.00	1,500	1,500
14	Mfg. & Providing of Carbon steel Top hat for Pump type B16D having size length 8", dia 45mm threading, throughing requird making key and chuck nuts and as per instruction of E/Incharge.	1.00	No	6,608	Each	7,000	7,000.00	10,000	10,000.00	11,000	11,000
15	Mfg. & Providing of Carbon steel Column shat for Pump type B16D having size length 10", dia 45mm threading, polishing, throughing as required and as per instruction of E/Incharge.	1.00	No	8,682	Each	9,000	9,000.00	10,000	10,000.00	10,000	10,000
16	Mfg. & Providing of Stainless Steel pump shaft for pump type B-16D having size Length 5', 8" dia 45mm threading, polishing, throughing as required and as per instruction of E/Incharge.	1.00	No	8,114	Each	8,000	8,000.00	10,000	10,000.00	9,500	9,500
17	Dismantling and reassembling of Deep well Turbine (DWT) Pump.	1.00	No	4,865	Each	4,800	4,800.00	5,000	5,000.00	5,100	5,100
18	Mfg. & Providing Gun metal Sand Guard of Pump type B16D.	2.00	Nos	1,901	Each	2,000	4,000.00	2,500	5,000.00	2,495	4,990
19	Mfg. & Providing of Gun metal Bowl sleeve for Pump type B16D	3.00	Nos	1,604	Each	1,500	4,500.00	1,500	4,500.00	1,610	4,830
20	Mfg. & Providing of Cast Iron Wearing Rings for pump type B16D.	3.00	Nos	1,835	Each	1,900	5,700.00	2,000	6,000.00	2,500	7,500
21	Mfg. & Providing of Stainless Steel Clamping for pump type B16D.	3.00	Nos	1,890	Each	1,850	5,550.00	2,000	6,000.00	2,500	7,500
22	Mfg. & Providing of Gun Metal Bearing Sleeve for pump type B16D.	2.00	Nos	1,842	Each	1,850	3,700.00	1,875	3,750.00	2,000	4,000

*[Handwritten signatures and initials]*

**Name of Work: COMPLETE OVERHAULING OF (DWT) PUMP AND SERVICING OF 200HP MOTOR SET NO.5 WITH  
RELEVANT ACCESSORIES AT N.E.K PUMP HOUSE (OLD), KW&SB**

Item No	Description of Work	Estimated Cost			M/s. Al-Hannan Builders		M/s. Aarm Construction		M/s. A.H Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	Rate	Amount
23	Mfg. & Providing of Bronze Impeller of Pump Type B16D.	3.00	Nos	Each	29,280	9,500	28,500.00	10,000	30,000.00	11,000	33,000
24	Mfg. & Supplying of S.Steel Strainers inside 250mm, height 300 mm thickness, 5mm for (DWT) Pump.	2.00	Nos	Each	6,396	3,200	6,400.00	3,500	7,000.00	3,650	7,300
25	Providing C.I Sluice Valve having pattern (Test Pressure 21.0 Kgs/Sq. coin or 300 Lbs/Sq. inch) imported 12" dia	1.00	No	Each	78,000	78,000	78,000.00	80,000	80,000.00	83,500	83,500
26	Fixing of Sluice Valve with 2 Cast Iron Tail piece One end flanged and other with socket including the cost of nuts, bolts & rubber packing labour etc. complete 12" dia.	1.00	No	Each	3,821	4,000	4,000.00	5,000	5,000.00	5,000	5,000
27	Providing & Fixing of 12" dia Non-return Valve Imported flange type (European brand) including Rubber insertion sheet & nuts, bolts, washer i/c cartage as required complete in all respect and as per direction of Engineer Incharge.	1.00	No	Each	143,250	143,000	143,000.00	145,000	145,000.00	147,500	147,500
28	Mfg. Supplying & Fixing Black Sheet M.S Pipe made out of M.S Sheet conforming of API 5L Grade X-42 ERW & Externally asphalt coated with Fiber Glass 5mm thick internally C.C. lining 8mm thick (awwa Specification) i/c laying, jointing with Helical welding in trenches i/c cost of bond of any degree & testing with water specified pressure 12" dia Thickness 7.9mm for Delivery line of Turbine Pump.	4.00	Rft	P/Rft	13,352	3,500	14,000.00	3,400	13,600.00	3,300	13,200
29	P/F M.S Flange made of M.S Plate having a thickness and total weight as mentioned against each item. It includes the cost of making holes, facing, s. welding, nuts bolts, Rubber packing white lead, Filter, cartage etc. Complete 12" dia Thickness 1/2" M.S plate.	2.00	Nos	Each	5,904	3,000	6,000.00	5,000	10,000.00	6,000	12,000
	Total Cost				998,435	995,060	1,026,386				1,054,150
							<b>1st</b>		<b>2nd</b>		<b>3rd</b>

(Tariq Akbar)  
Accounts Officer (E&M-W)  
Member / Secretary

(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member

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

(Abdul Rattim Khalil)  
Chief Engineer (IPD)  
Convener