

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

No.KW&SB/CE/E&M-W/2014/427  
Dated: 22.05.2014

M/s. AARM Construction,  
Contractor,  
Karachi.

**LETTER OF ACCEPTANCE / SANCTION LETTER**

**SUBJECT:- PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3<sup>RD</sup> PHASE PUMP HOUSE DHABEJI**

On behalf of the employers, it is notified that following the approval of the Managing Director, KW&SB vide Para-39/N, your bid for the subjected work is hereby accepted for the sum of Rs.24,92,682/= (Rupees Twenty Four Lac Ninety Two Thousand Six Hundred Eighty Two only) as worked out / evaluated by Procurement / Evaluation Committee-I vide Para-50/N and financially concurred by Finance Department, KW&SB vide Para-54 to 64/N duly approved by M.D., KW&SB vide Para-66/N. The expenditure is chargeable to B.G. No.6024-16 for the financial year 2013-2014.

There is now binding contract between KW&SB and M/s. AARM Construction.

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. AARM Construction.

Provide with the 02% @ Rs.24,92,682/= 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, Dhabeji (Pumping) Division Office for execution of Agreement, the value of Stamp paper will be Rs.7,480/= @ 0.30% of sanctioned cost which should be produced by you.

All correspondence onward shall be carried out through Superintending Engineer (P&F)-1, KW&SB.

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

*Jalman Lalik*

*(Noor Muhammad Chohan)*  
**(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)-1, 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.

**OFFICE OF THE RESIDENT ENGINEER DHABEJI DIVISION (P)KW&SB.**

NO: R.E/Dhabeji/Division (P)/Acctts/2013-14/ 1318

Dhabeji the 28<sup>th</sup> May,,2014

M/S. Aarm Construction.  
Contractor,  
Karachi.

Sub: - **WORK ORDER FOR THE WORK PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5. OF 3<sup>RD</sup> PHASE PUMP HOUSE DHABEJI.**

Your tender dated:- 21-04-2014 for Rs.24,92,682/= worked out / evaluated by the procurement evaluation committee - 1 , has been approved by the Managing Director Karachi Water & Sewerage Board under SPPRA- 2010.

The finance department has already been concurred and booked amounting to Rs.24,92,682/=

You are requested to please start the work and the date of commencement may be reckoned with effect from 28-05-2014

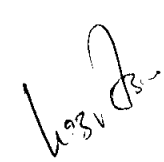
The work is to be completed within (10) days positively.

It is also mentioned here that the work is to be carried out as per specification instructions of the Engineer In charge.

RESIDENT ENGINEER  
DHABEJI DIVISION (PUMPING)  
KW&SB

Copy to

1. The Chief Engineer (E&M) KW&SB Karachi.
2. The Superintending Engineer (P & F-1) KW&SB Dhabeji.
3. The Assistant Director (Audit) KW&SB Karachi.
4. The Assistant Executive Engineer concerned Dhabeji.
5. The spare copy for bill.

  
RESIDENT ENGINEER  
DHABEJI DIVISION (PUMPING)  
KW&SB

**SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY**  
**CONTRACT EVALUATION FORM**  
**TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF**  
**WORKS, SERVICES & GOODS WORTH 50 MILLION (PKR) OR ABOVE**

- |   |   |
|---|---|
| 1) NAME OF THE ORGANIZATION / DEPTT:  | Karachi Water & Sewerage Board  |
| 2) PROVINCIAL / LOCAL GOVT. / OTHER   | Local Govt Dept   |
| 3) TITLE OF CONTRACT  | Intermediate shaft sleeve 3 <sup>rd</sup> Phase                                   |
| 4) TENDER NUMBER  | Website.19568   |
| 5) BRIEF DESCRIPTION OF CONTRACT  | P/F intermediate shaft sleeve and clutch Housing pump no.5. 3 <sup>rd</sup> Phase |
| 6) FORUM THAT APPROVED THE SCHEME   | M.D, KW&SB  |
| 7) TENDER ESTIMATED VALUE   | Rs.21,73,500/=  |
| 8) ENGINEER'S ESTIMATE<br>(FOR CIVIL WORKS ONLY)  | -   |
| 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT)  | 90 days   |
| 10) TENDER OPENED ON (DATE & TIME)  | 21-04-2013 at 2:00 P.M  |
| 11) NUMBER OF TENDER DOCUMENTS SOLD<br>(ATTACH LIST OF BUYERS)  | two   |
| 12) NUMBER OF BIDS RECEIVED   | Two   |
| 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS  | two   |
| 14) BID EVALUATION REPORT<br>(ENCLOSE A COPY)   | Enclosed  |
| 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER   | M/S. Aarm Construction..  |
| 16) CONTRACT AWARD PRICE  | Rs.24,92,682/=  |
| 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT<br>(I.E 1 <sup>ST</sup> , 2 <sup>ND</sup> , 3 <sup>RD</sup> EVALUATION BID) | (1) M/S. Aarm Construction.<br>(2) M/S. H.R Brothers...                           |
| 18) METHOD OF PROCUREMENT USED :- (TICK ONE)  |   |
| a) SINGLE STAGE-ONE ENVELOPE PROCEDURE _____  | <input type="checkbox"/> Domestic   |
| 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 / NEGOTIATION ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT \_\_\_\_\_ M.D, KW&SB.

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

Yes	√	No	
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21) ADVERTISEMENT

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

Yes	SPPRA NO.19568 ID NO. _____ /2014
No	

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

Yes	The Daily Observer, Express, Daily Soob dt,27-03-2014
No	

22) NATURE OF CONTRACT

Local	√	Int.	
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23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	√	No	
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24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	√	No	
-----	---	----	--

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?N/A

Yes		No	√
-----	--	----	---

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	√	No	
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of consultancies)

Yes	√	No	
-----	---	----	--

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes	√	No	
-----	---	----	--

29) Whether names of the bidders and their quoted prices were read out at the time of opening of bids?

Yes	√	No	
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?  
(Attach copy of the bid evaluation report)

Yes	√	No	
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31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	-
No	NO

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

Yes	-
No	NO

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

Yes	-
No	NO

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes give reasons)

Yes	-
No	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, DETAIL TO BE  
ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:  
(if yes, enclosed a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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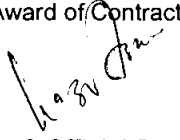
37) Were proper safeguards provided on mobilization advance payment in the  
contract (Bank guarantee etc.)?

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	NO

39) Date of Award of Contract: .D.D.(P)/Accts/2013-14/ 1318 dt. 28 -05-2014

  
Signature & Official Stamp of  
AUTHORIZED OFFICER \_\_\_\_\_  
**FOR OFFICE USE ONLY**

# DHABEJI (PUMPING) DIVISION

Dhabaji Pumping Station, Tehsil Mirpur Sakro, Dhabaji Town,  
Distt: Thatta  
Resident Engineer, Contact # 0333-2653147

**-: Name of Office :-**

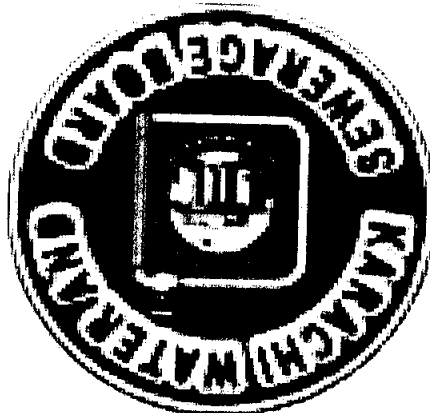
**“PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE  
AND CLUTCH HOUSING TYPE CIA-120-110 F-2995 FOR  
PUMP NO.5 OF 3RD. PHASE PUMP HOUSE, DHABEJI”**

**-: Name of Work :-**

(Press Tender)  
(Sr. No. 1)

PROCUREMENT OF WORKS  
(For Contracts Costing up to Rs.2.5 Million)

# STANDARD BIDDING DOCUMENT



# BIDDING DATA

(a) Name of Procuring Agency: Dhabelli (Pumping) Division, KW&SB

(b) Brief Description of Work: PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3<sup>RD</sup> PHASE PUMP HOUSE, DHABELJI, Dhabelli Pumping Station, Tehsil Mirpur Sakro, Dhabelli Town, Distt. Thatta

(c) Procuring Agency Address: Dhabelli Pumping Station, Tehsil Mirpur Sakro, Dhabelli Town, Distt. Thatta

(d) Estimate Cost: On item rate basis

(e) Amount of Bid Security: 02% of Bid amount

(f) Period of Bid validity: 90 Days

(g) Security Deposit: 10%

(h) Venue, Time and Date of Bid Opening: The Tender in sealed cover superscribed with the name of the work should be dropped in the Tender Box kept in office of the Chief Engineer (IP&D) at Room No.5, Block "E", 9<sup>th</sup> Mile, Karsaz, Karachi on 21.04.2014 at 02.30 PM by Procurement Committee-I, KW&SB.

(i) Deadline for submission of Bid along with time: 21.04.2014 at 02.00 PM

(j) Time for completion from From written order commence: 10 Days

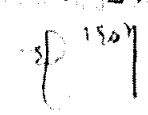
(k) Liquidity damage: 0.5% of Bid Cost per day of delay

(l) Bid issued to Firm: M/s. MARMA Construction Firm

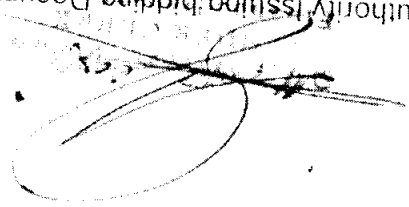
(m) Deposit Receipt No & Date: P. No. 04. DT. 14-4-2014

Amount: Rs 2,500/=

Resident Engineer



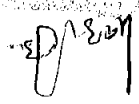
Authority Issuing Bidding Document



NAME OF WORK:- PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NOS. OF 3<sup>RD</sup> PHASE PUMP HOUSE, DHARBELI.

(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
			Amount (in Figures)	Amount (in Words)		
1.	01 No.	Providing of Shaft Sleeve and Clutch housing type CIA 120-110 F-2995. Steiber German made as per instruction of Engineer incharge.	2442025	TWENTY FOUR LAC FOURTY TWO THOUSAND TWO THOUSAND ONLY	Each	2442025
2.	01 Job	Removal of Old Sleeve from Intermediate Shaft & Clutch housing i/c Providing & Fixing of New Housing & Sleeve at Intermediate shaft as per instruction of the Engineer incharge.	50657	FIFTY THOUSAND SIX HUNDRED FIFTY SEVEN ONLY	Job	50657
						Total: (RS: 2492682)

Resident Engineer  


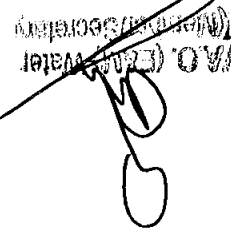
I/We hereby quoted Rs. 2492682 execution of above work and I/We hereby undertaking accept all clauses of SPPR-2010 and comply the Rules of K&S.B.

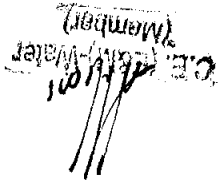



Signature of Contractor  
**Adman blok**  
 With name of firm & Seal


Address ARM CONSTRUCTION

Contact # 0321-2277112

IAO (E&S) WATER  
 (Member/Secretary)  


C.E. (E&S) WATER  
 (Member)  


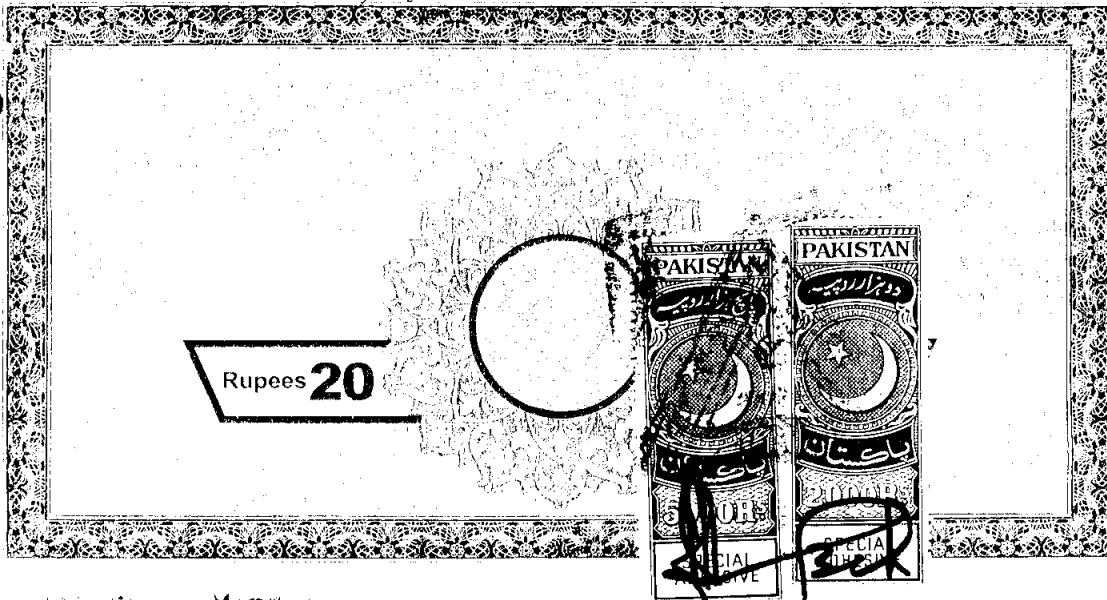
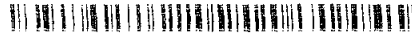
ADDL. IAO  
 (Member/Audit-KMO)  


S.E. (KMG)  
 (Member)  


C.E. (E&S)  
 (Member)  


1-Tender/Quotation received in sealed Cover and open by Tender Opening Committee.  
 2-No cutting or overwriting towards award.  
 3-Contractor has included the earnest money of bid amount in the tender.  
 No. 7809284 Date 17/11/14  
 Drawn by A.A.M. Karachi  
 has quoted Rs. 2492682  
 (Rupees) **Twenty four Lakhs Only**  
 Member & Secretary  
 IAO (E&S) Water





S. M. NAJAM Stamp Vendor

License No. 156, Shop No. 11A, Karim Plaza, Block 14, Clifton, Karachi

19 MAY 2014

S. No. 160527

SYEDA TANZEEM RIZVI

VALUES ATTACHED  
VENDOR'S SIGNATURE

20 MAY 2014  
City Court

**AGREEMENT**

Between

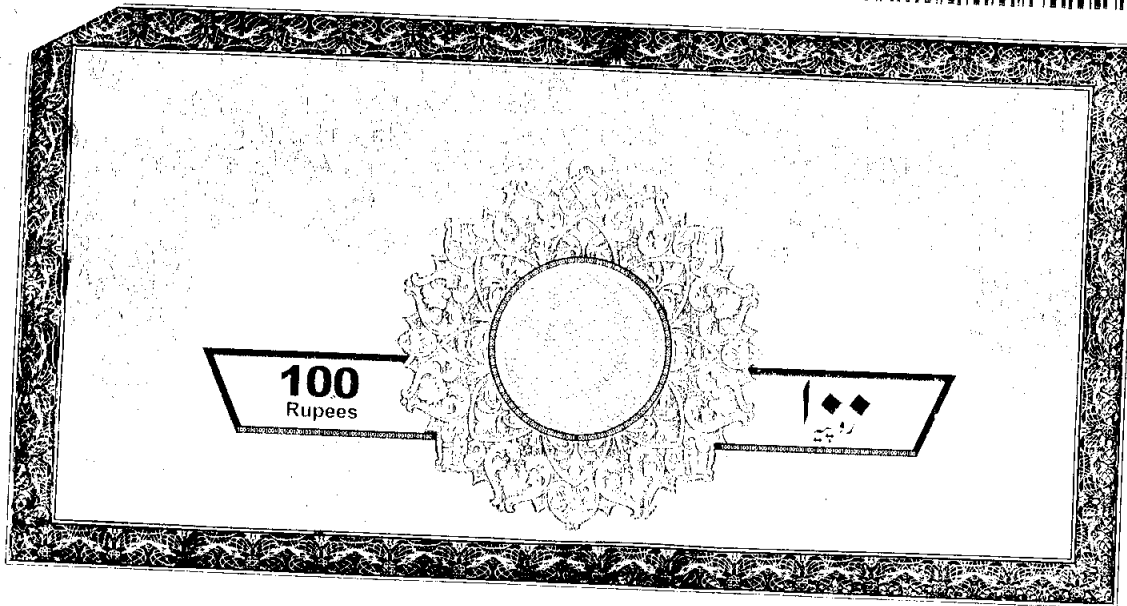
M/s. AARM Construction,  
and

Karachi Water & Sewerage Board.

This agreement made on this 22nd day of May, 2014, between Karachi Water & Sewerage Board, Block-B, 9<sup>th</sup> Mile Shahra-e-Faisal, Karsaz, Karachi, through its Chief Engineer (E&M)-Water / S.E. (P&F)-I, KW&SB, hereinafter called the Board (hereinafter called the employer of the one part) and M/s. AARM Construction, Karachi, hereinafter called the Contractor of the other part.

Whereas the KW&SB has accepted the Contractor's Tender here unto Annexed and marked 1/2 dated 21.04.2014 for the work of "PROVIDING / FIXING OF INTERMEDIATE SHAFT SLIDE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3<sup>RD</sup> PHASE PUMP HOUSE, DHABEJ". Estimated cost: (On Item rate basis) under SPPR-2010. The total sanctioned amount is Rs.24,92,682/- (Rupees Twenty Four Lac Ninety Two Thousand Six Hundred Eighty

*Admanakite*



103052  
 MAJID ALI ABU  
 ADVOCATE

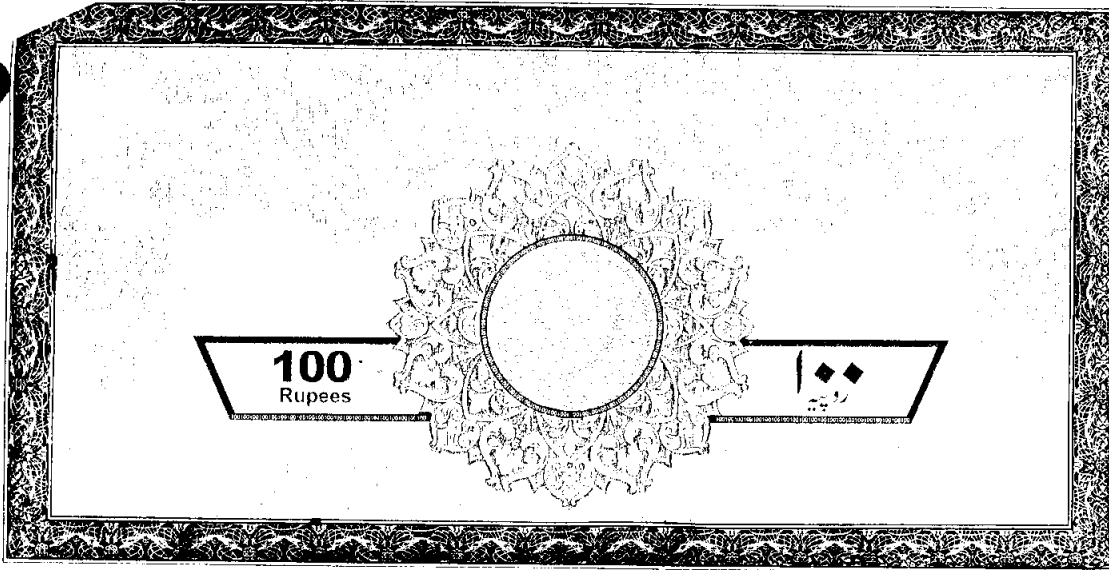
20 MAY 2014

Two only) as evaluated / recommended by Procurement / Evaluation Committee-I, KW&SB vide Para-50/N and financially concurred by the Finance Department, KW&SB vide Para-54 to 54/N duly approved by the Managing Director, KW&SB vide Para-66/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.

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

*Jalmar Talik*



HAJID SALEEM Stamp Vendor  
Shop No. 55, Shop No. 3, Karim Plaza  
Gulshan-e-Iqbal, Block-14, Karachi

20 MAY 2014

No. 163053  
Stamp to Value Address  
Stamp to Value  
Value Rs. Attached  
Contractor's Signature

**HAIDER ALI ABU  
ADVOCATE**

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 22nd day of May, 2014.

M/s. AARM Construction,  
(Contractor)

RESIDENT ENGINEER  
DHABEH (PUMPING) DIVISION,  
KW&SB

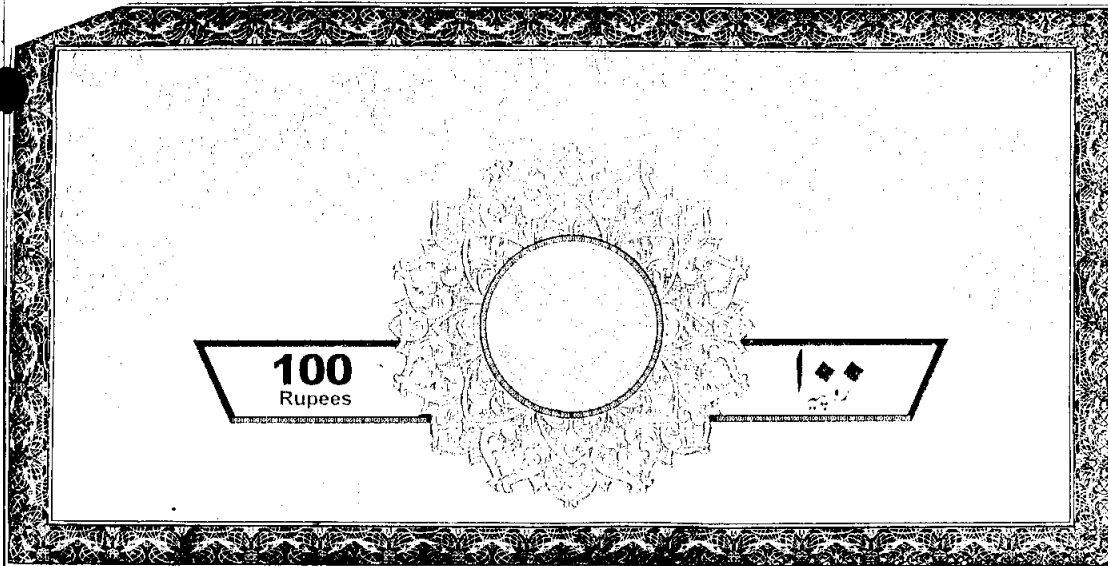
SUPERINTENDING ENGINEER  
(PUMPING & FILTER)-I,  
KW&SB

CHIEF ENGINEER (E&M)-WATER  
K.W. & S.B.

WITNESSES:

M. Hannan

1. Al-Hannan Builders



20 MAY 2014

163054

**MAIDER ALI ABIDI  
ADVOCATE**

AGREEMENT

Between

M/s. AARM Construction,  
and  
Karachi Water & Sewerage Board.

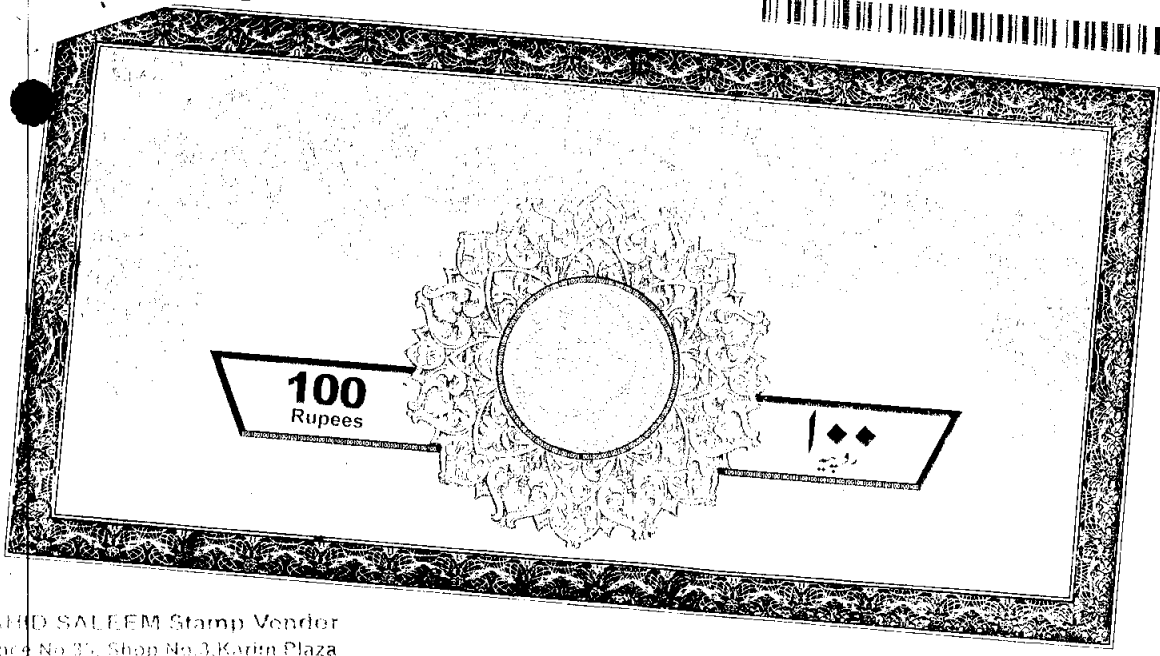
Name of Work:- PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE  
AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR  
PUMP NO.5 OF 3<sup>RD</sup> PHASE PUMP HOUSE, DHABEJI.

*Jalmanat Ali*

M/s. AARM Construction,  
(Contractor)

*Resident Engineer*

RESIDENT ENGINEER  
DHABEJI (PUMPING) DIVISION,  
KW&SB



SHAHID SALEEM Stamp Vendor  
 Office No 31, Shop No.3, Karim Plaza  
 Gulshan-e-Iqbal Block-14, Karachi  
 No. J 83055 Date ..... 20 MAY 2014  
 Issued To With Address .....  
 Through With Address .....  
 Purpose ..... MAJID AL-ABIDI  
 Value Rs ..... Attached ADVOCATE  
 Stamp Vendor's Signature .....

AGREEMENT

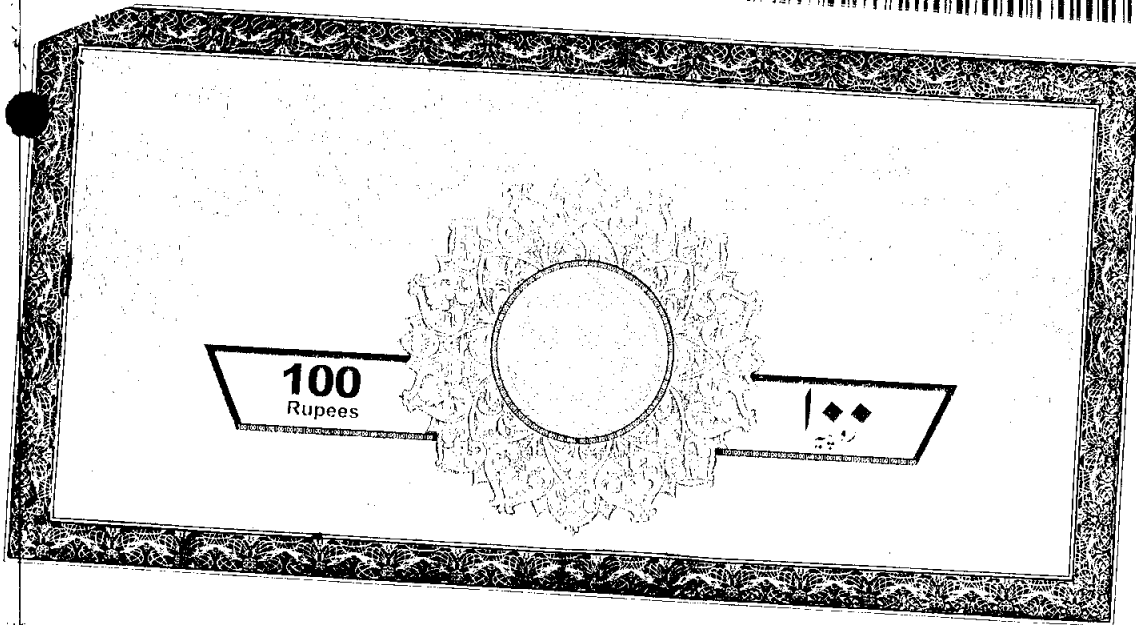
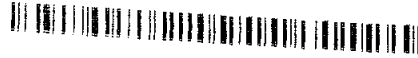
Between

M/s. AARM Construction,  
 and  
Karachi Water & Sewerage Board.

Name of Work:- PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3<sup>RD</sup> PHASE PUMP HOUSE, DHABEJI.

*Jalmer Talik*  
 M/s. AARM Construction,  
 (Contractor)

*Kosv*  
 RESIDENT ENGINEER  
 DHABEJI (PUMPING) DIVISION,  
 KW&SB



HAHID SALEEM Stamp Vendor  
Shop No 3, Karim Plaza  
Gushan Road, Block-14, Karachi

No. **103056** Date .....

20 MAY 2014

Sent To With Address .....

**MAJID ALI ABIDI**  
ADVOCATE

Attached .....

AGREEMENT

Between

M/s. AARM Construction,  
and  
Karachi Water & Sewerage Board.

Name of Work:-

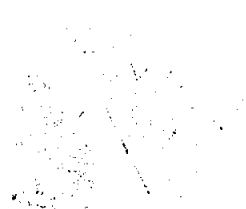
PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE  
AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR  
PUMP NO.5 OF 3<sup>RD</sup> PHASE PUMP HOUSE, DHABEJI.

*Jalman Talik*

M/s. AARM Construction,  
(Contractor)

*Resident Engineer*

RESIDENT ENGINEER  
DHABEJI (PUMPING) DIVISION,  
KW&SB





# 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	KW&SB/DPR/2014/64 and published in i) Daily Pakistan Observer ii) Daily Express on dated: 28-03-2014 iii) Daily Soob on Dated 27-03-2014 and SPPRA Serial No.19568 I.D No. /2014
3	Tender Description/Name of Work/Item	PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI
4	Method of Procurement	Single Stage (One Envelop)
5	Tender Published	Through Web Site / Press
6	Total Bid Documents Sold	02 Nos
7	Total Bid Received	02 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	21-04-2014

#### 12 Bid Evaluation Report

S #	NAME OF FIRM OR BIDDER	COST OFFERED BY THE BIDDERS	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s. Aarm Construction	Rs. 2,492,682/-	1st Lowest	@ 14.9999% Above	Substantially Responsive	P.O # 9809234 Dt: 17-04-2014 Rs.50,000/- HBL Malir Cantt Br
2	M/s. H.R Brothers	Rs. 2,557,230/-	2nd Lowest	@ 17.9779% Above	Substantially Responsive	P.O # 7676151 Dt: 17-04-2014 Rs.51,150/- UBL Malir Cantt Br

The all concerned bidder are being informed accordingly.

The E.E Concerned for compliance of rule 45 of SPPRA 2010 M/s. Aarm Construction. declared as the lowest responsive bidder by the Committee and recommended for Sanction from Competent Authority.

(Tariq Abeer)

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)-Water  
Member


(Abdul Rahim Khattai)  
Chief Engineer (IPD),  
(Convener)


**COMPARATIVE STATEMENT**


**NAME OF WORK: PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI**


S.No	Description of Work	Engineer's Estimate			M/s. Aarm		M/s. H.R Brothers		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
1	Providing of Shaft Sllieve and Clutch housing type CLA 120-110 F-2995 Stieber German made as per instruction of Engineer Incharge	1 No	2,123,500.00	Each	2,123,500.00	2442025	2,442,025.00	2505730	2,505,730.00
2	Removal of Old Sleeve from Intermediate Shaft & Clutch housing i/c Providing & Fixing of New Housing & Sleeve at Intermediate shaft as per instruction of the Engineer Incharge	1 Job	44,050.00	P/Job	44,050.00	50657	50,657.00	51500	51,500.00
	<b>Total Quoted / Corrected Cost</b>				<b>2,167,550.00</b>		<b>2,492,682.00</b>		<b>2,557,230.00</b>
	<b>Say</b>				<b>2,167,550</b>		<b>2,492,682</b>		<b>2,557,230</b>

  
 (Tariq Akber)  
 Accounts Officer (E&M) Water  
 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)-Water  
 Member

  
 (Abdul Rahim Khattai)  
 Chief Engineer (IPD),  
 (Convener)



NIT Sr. No. 19568

Method of Procurement: Single Stage Single Envelope.

Name of Work: PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI.

MINUTES OF BID OPENING MEETING.

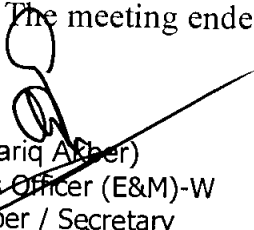
A meeting of the procurement committee of this department was held on 21-04-2014 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. (Attendance sheet is enclosed).

2. Two bidders submitted their bids till the deadline of submission.
  - i. M/s. Aarm Construction
  - ii. M/s. H.R Brothers
3. The bids were opened at 02:30 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
01	M/s. Aarm Construction	Rs. 2,492,682/-	Rs.50,000/-	P.O # 9809234 Dt: 17-04-2014 HBL Malir Cantt Br
02	M/s. H.R Brothers	Rs. 2,557,230/-	Rs.51,150/-	P.O # 7676151 Dt: 17-04-2014 UBL Malir Cantt Br


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 note of thanks to and from the chair.

  
(Tariq Akber)  
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 Khattai)  
Chief Engineer (IPD)  
Convener

**BIDDERS QUALIFICATION REPORT**  
**Rule-46(i) (a) Single Stage One Envelope Procedure**

Opening Date: 21-04-2014


Name of Work: **PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI**


Name of Bidder **M/s. Aarm Construction**


S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	—	—

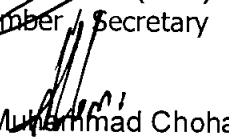
Name of Bidder **M/s. H.R Brothers**


S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	—	—

  
 (Tariq Akber)  
 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 Khatti)  
 Chief Engineer (IPD)  
 Convener



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

No. A.O/E&M/Water/ KW&SB/2014/

Dated: 21-04-2014

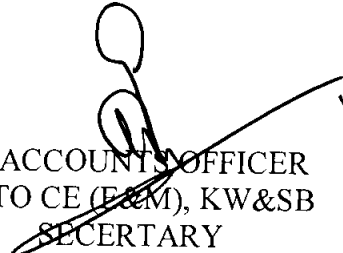
**NOTICE FOR MEETING**

Name of Works:-

**PROVIDING / FIXING OF INTERMEDIATE SHAFT SLEEVE  
AND CLUTCH HOUSING TYPE CLA-120-110 F-2995 FOR  
PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI.**

As directed by the Convener of the Procurement / Evaluation Committee-I a meeting of the Procurement Committee-I to evaluate the bids for the above mentioned work is scheduled to be held on 22-04-2014 at 3:00 PM in the office of the Convener of the Procurement / Evaluation Committee-I to evaluate the bids and finalize the matter for the above mentioned work as per SPPRA-2010.

All honorable members are requested to make it convenient to attend the meeting as scheduled please.

  
ACCOUNTS OFFICER  
TO CE (E&M), KW&SB  
SECRETARY

Copy for information to:-

- 1-The CE (IP&D), KW&SB.
- 2-The CE (E&M)-Water, KW&SB.
- 3-The Superintending Engineer (KMC).
- 4-The Additional Director Internal Audit, KMC.

Convener  
Member  
Member  
Member



# 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	KW&SB/DPR/2014/64 and published in i) Daily Pakistan Observer ii) Daily Express on dated: 28-03-2014 iii) Daily Soob on Dated 27-03-2014 and SPPRA Serial No.19568 I.D No. ___/2014
3	Tender Description/Name of Work/Item	PROVIDING / FIXING OF CLUTCH TYPE CLA-120-110 F-2995 FOR KSB PUMP TYPE RDLV 600-830A, FOR PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI
4	Method of Procurement	Single Stage (One Envelop)
5	Tender Published	Through Web Site / Press
6	Total Bid Documents Sold	02 Nos
7	Total Bid Received	02 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	21-04-2014

#### 12 Bid Evaluation Report

S #	NAME OF FIRM OR BIDDER	COST OFFERED BY THE BIDDERS	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s. Malik & Co	Rs. 2,485,265/-	1st Lowest	@ 15.00% Above	Substantially Responsive	P.O # 6983985 Dt: 28-01-2014 Rs.50,280/- UBL Drigh Rd Br
2	M/s. H.R Brothers	Rs. 2,522,544/-	2nd Lowest	@ 16.725% Above	Substantially Responsive	P.O # 7627551 Dt: 28-01-2014 Rs.51,890/- UBL Model Colony Br
3	M/s. Kashif Engg Works	Rs. 2,572,994/-	3rd Lowest	@ 19.0594% Above	Un Responsive bid due to P.O are Short	P.O # 7627548 Dt: 28-01-2014 Rs.50,730/- UBL Model Colony Br

The all concerned bidder are being informed accordingly.

The E E Concerned for compliance of rule 45 of SPPRA 2010 M/s. Malik & Co. declared as the lowest responsive bidder by the Committee and recommended for Sanction from Competent Authority.

(Tariq Aher)

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)-Water  
Member


(Abdul Rahim Khattai)  
Chief Engineer (IPD),  
(Convener)


**COMPARATIVE STATEMENT**  
**NAME OF WORK: PROVIDING / FIXING OF CLUTCH TYPE CLA-120-110 F-2995 FOR KSB PUMP TYPE RDLV 600-830A FOR PUMP NO.5 OF 3RD PHASE**  
**PUMP HOUSE DHABEJI**


S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co		M/s. H.R Brothers		M/s. Kashif Engg Works		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Providing of Clutch type CLA 120-110 F-2995 for KSB Pump type RDLV 600-830A Stieber German made as per instruction of Engineer Incharge	1 No	2,073,000.00	Each	2,073,000.00	2383950	2,383,950.00	2419709	2,419,709.00	2468103	2,468,103.00
2	Removal of Clutch & fixing of New Clutch in housing as per instruction of the Engineer Incharge	1 Job	88,100.00	P/Job	88,100.00	101315	101,315.00	102835	102,835.00	104891	104,891.00
	<b>Total Quoted / Corrected Cost</b>				<b>2,161,100.00</b>		<b>2,485,265.00</b>		<b>2,522,544.00</b>		<b>2,572,994.00</b>
	Say				<b>2,161,100</b>		<b>2,485,265</b>		<b>2,522,544</b>		<b>2,572,994</b>

  
 (Tariq Akber)  
 Accounts Officer (E&M) Water  
 Member/Secretary

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

  
 (Maqsood Ahmed Shaikh)  
 Superintending Engineer (KMC)  
 Member

  
 (Abdul Rauf Knatti)  
 Chief Engineer (IPD),  
 (Convener)

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

NIT Sr. No. 19568

Method of Procurement: Single Stage Single Envelope.

Name of Work: PROVIDING / FIXING OF CLUTCH TYPE CLA-120-110 F-2995 FOR KSB PUMP TYPE RDLV 600-830A, FOR PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI.

**MINUTES OF BID OPENING MEETING.**

A meeting of the procurement committee of this department was held on 21-04-2014 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. Three bidders submitted their bids till the deadline of submission.

- i. M/s. Malik & Co
- ii. M/s. H.R Brothers
- iii. M/s. Kashif Engg Works


3. The bids were opened at 02:30 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.

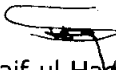
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
01	M/s. Malik & Co	Rs. 2,485,265/-	Rs.50,280/-	P.O # 6983985 Dt: 28-01-2014 UBL Drigh Rd Br
02	M/s. H.R Brothers	Rs. 2,522,544/-	Rs.51,890/-	P.O # 7627551 Dt: 28-01-2014 UBL Model Colony Br
03	M/s. Kashif Engg Works	Rs. 2,572,994/-	Rs.50,730/-	P.O # 7627548 Dt: 28-01-2014 UBL Model Colony Br

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 note of thanks to and from the chair.

  
(Tariq Akber)  
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 Khattai)  
Chief Engineer (IPD)  
Convener

**BIDDERS QUALIFICATION REPORT**  
**Rule-46(i) (a) Single Stage One Envelope Procedure**

Opening Date: 21-04-2014

Name of Work: **PROVIDING / FIXING OF CLUTCH TYPE CLA-120-110 F-2995 FOR KSB PUMP TYPE RDLV 600-830A, FOR PUMP NO.5 OF 3RD PHASE PUMP HOUSE DHABEJI**

Name of Bidder **M/s. Malik & Co**


S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	—	—

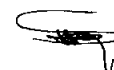
Name of Bidder **M/s. H.R Brothers**


S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	—	—


Name of Bidder **M/s. Kashif Engg Works**


S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	—	—

  
 (Tariq Akber)  
 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 Khattai)  
 Chief Engineer (IPD)  
 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	K.W&S.B/DRR/2014/64 INF-KRY No. 971/2014 (i) The Daily "Soab" Dt:27/03/2014 ,(ii) The Daily "Express",(iii) The Daily "Pakistan Observer" Dt: 28/03/2014, SPPRA Serial No.19568 I.D No. _____/2014
3	Tender Description/Name of Work/Item	REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI
4	Method of Procurement	Single Stage (One Envelop)
5	Tender Published	Through Web Site/Press
6	Total Bid Documents Sold	2 Nos
7	Total Bid Received	2 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	21/04/2014
12	Bid Evaluation Report	

S #	NAME OF FIRM OR BIDDER	COST OFFERED BY THE BIDDERS	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s. Malik & Co.	Rs. 1,916,970/-	1st Lowest	@ 14.956% Above	Substantially Responsive	P.O # 7627550 Dt: 28/01/2014 Rs.40,000/- UBL Model Colony Br
2	M/s. Kashif Engineering Works	Rs. 1,951,040/-	2nd Lowest	@ 16.999% Above	Substantially Responsive	P.O # 6983796 Dt: 16/12/2013 Rs.54,000/- UBL Drigh Rd. Township Br

The all concerned bidder are being informed accordingly.

The E E Concerned for compliance of rule 45 of SPPRA 2010 M/s. Malik & Co. declared as the lowest responsive bidder by the Committee and recommended for Sanction from Competent Authority.

(Tariq Akbar Khan)  
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)



NIT Sr. No.19568

Method of Procurement: Single Stage Single Envelope.

Name of Work: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

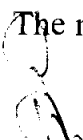
A meeting of the procurement committee of this department was held on 21-04-2014 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. (Attendance sheet is enclosed).


2. Two bidders submitted their bids till the deadline of submission.
  - i. M/s. Malik & Co.
  - ii. M/s. Kashif Engineering Works
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
01	M/s. Malik & Co.	Rs. 1,916,970/-	Rs.40,000/-	P.O # 7627550 Dt: 28/01/2014 UBL Model Colony Br
02	M/s. Kashif Engineering Works	Rs. 1,951,040/	Rs.54,000/-	P.O # 6983796 Dt: 16/12/2013 UBL Drigh Rd. Township Br


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 note of thanks to and from the chair.

  
(Tariq Akber Khan)  
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 Khattai)  
Chief Engineer (IPD)  
Convener

**BIDDERS QUALIFICATION REPORT**  
**Rule-46(i) (a) Single Stage One Envelope Procedure**

Opening Date: 21-04-2014


Name of Work: **REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI**

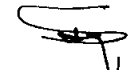
Name of Bidder **M/s. Malik & Co.**

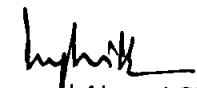
S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	—	—


Name of Bidder **M/s. Kashif Engineering Works**

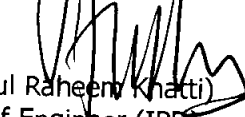
S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	—	—

  
 (Tariq Akber Khan)  
 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 Khattai)  
 Chief Engineer (IPD)  
 Convener

**COMPARATIVE STATEMENT**

**NAME OF WORK: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI**


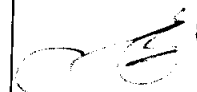
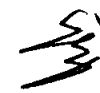

S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co.		M/s. Kashif Engineering Works		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
1	Dismantling of driving shaft pulley from Gear Box pulley pumps shaft pulley with the help of tools & plants from 20ft height as per instruction of Engineer incharge	2.00 Job	13,650.00	P/Job	27,300.00	15,971.00	31,380.00	15,971.00	31,942.00
2	Pull out of Driving shaft from pump section with the help of 5 Ton capacity crane as per instruction of Engineer incharge	1.00 Job	11,594.00	P/Job	11,594.00	13,300.00	13,300.00	13,565.00	13,565.00
3	Removal of Bearing housing from pump bed by dismantling of Nuts & Bolts & pull out from pump section as per instruction of Engineer incharge	1.00 Job	19,888.00	P/Job	19,888.00	22,870.00	22,870.00	23,269.00	23,269.00
4	Removal of multidimensional pump casing Top cover after dismantling of 48 Nos. Nuts & bolts from pump casing & pull out complete from pump section	1.00 Job	19,888.00	P/Job	19,888.00	22,870.00	22,870.00	23,269.00	23,269.00
5	Removal of impeller shaft with impeller from pump housing & pull out from pump section with instruction of E/incharge	1.00 Job	19,888.00	P/Job	19,888.00	22,870.00	22,870.00	23,269.00	23,269.00
6	Removal of wear protective ring from at lower MAN pump housing by removal of 08Nos. Nuts & bolts & dowel pin without damaged of pump base as per instruction of E/I	1.00 Job	19,888.00	P/Job	19,888.00	22,870.00	22,870.00	23,269.00	23,269.00
7	Removal of impeller of MAN pump from pump shaft with the help of Hydraulic puller machine heavy duty and oxygen acetylene flame and chemical treatment without disturbing the pump shaft and impeller as per instruction of E/incharge	1.00 Job	19,879.00	P/Job	19,879.00	22,870.00	22,870.00	23,258.00	23,258.00
8	Removal of Neck ring from impeller Neck with the help of hydraulic puller machine and oxygen acetylene flame as per instruction of E/incharge	1.00 Job	19,622.00	P/Job	19,622.00	22,500.00	22,500.00	22,958.00	22,958.00
		1.00 Job	19,879.00	P/Job	19,879.00	22,870.00	22,870.00	23,258.00	23,258.00






**NAME OF WORK: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI**

S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co.		M/s. Kashif Engineering Works		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
9	Removal of Stainless Steel protective Sleeve from Impeller head with the help of hydraulic puller pressure machine and oxygen acetylene flame as per instruction of Engineer incharge	1.00	19,879.00	P/Job	19,879.00	22,870.00	22,870.00	23,258.00	23,258.00
10	Repair/Reconditioning of MAN impeller by pre-heated the deteriorated portion of impeller & machining under cut 7mm depth i/c redressing with S.S Welding process about 3/4" i/c machining entire surface complete Impeller portion dia tapered top to bottom 140mm & 113 mm length 419mm i/c key slot length 300 mm & depth 5mm as per instruction of E/Incharge	1.00	65,975.00	P/Job	65,975.00	75,870.00	75,870.00	77,191.00	77,191.00
11	Local Mfg. & fixing of Stainless Steel Sleeve for MAN impeller from Solid Stainless steel shaft type ASI 316(Pharmaceutical Food grade) dia of shaft 203 mm & length 229 mm i/c precise machining finished size OD=195mm, making internal bore dia 180mm;total finished size length 150mm i/c making under cut from outside sleeve 03 Nos. each & equal distance & chamfered from top & bottom side as per instruction of Engineer Incharge	1.00	121,705.00	P/Job	121,705.00	139,900.00	139,900.00	142,395.00	142,395.00

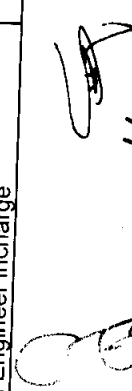
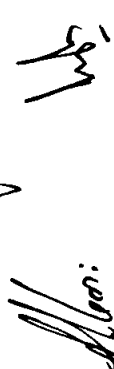






NAME OF WORK: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI

S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co.		M/s. Kashif Engineering Works		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
12	Local Mfg. & fixing of protective Neck Ring of MAN impeller from Manganese phosphorous bronze by centrifugal casting having composition copper 58%, tin 1%, lead 2%, iron 1%, manganese 0.25%, Aluminium 0.2%, Lead 2%, iron 1%, lead 2% and Zinc 39.25% having casting dia 670mm outer & inner dia 533 mm , length 127 mm i/c precise machining & polishing to bring finished size 618mm outer dia ,ID=588mm,height of ring 85mm i/c making taper from inside top to distance 50 mm length top thickness 5mm i/c making 03 Nos. holes 10mm dia each & equal distance at centre of ring for dowel pin gripping as per instruction of Engineer Incharge	1.00	177,314.00	Each	177,314.00	203,900.00	203,900.00	207,457.00	207,457.00
13	Fixing of MAN Impeller type RRS-7 (Spl) in Pump Shaft having Impeller shaft dia 140 mm in proper place with hydraulic press machine heavy duty i/c dynamic balancing complete pump shaft & impeller Zero alignment & vibration analysis as per instruction of Engineer Incharge	1.00	62,920.00	P/Job	62,920.00	72,300.00	72,300.00	73,616.00	73,616.00


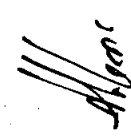


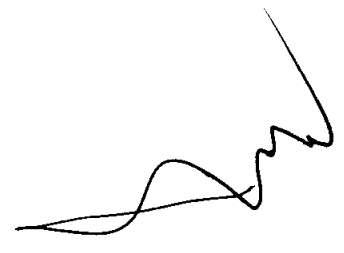
**NAME OF WORK: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI**

S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co.		M/s. Kashif Engineering Works		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
14	Reconditioning of pump distributor of MAN pump type RRS-7(Spl) by removing rust & pitting and redressing the entire surface and damaged vanes with great accuracy suitable high class chromium steel welding process about 2/4 to 1/2" thick complete damaged portion, i/c complete pre-heated distributor during the welding process without disturbing the original shape of distributor of pump the welding process is special type 'X' ray welding without air pocket, Air Bubble including precise machining, polishing and buffing at side of distributor, at depth of distributor and vanes of distributor at collar side of distributor, and back bottom side of distributor as per German origin disturbing the original shape to bring to finished size OD of distributor 1300mm, ID=980mm, other ID=800mm width of distributor 200mm, making inner collar width 23mm and making collar from outer dia 15mm, depth 25mm, making & reconditioning 10 Nos. damaged vanes of distributor from outside length 350mm X 10 vanes of distributor from outside length 350mm O2 sides vanes thick 18mm & length 490mm i/c fixing the distributor the top cover of pump by 10Nos. high carbon bolt having 25 mm and length 75mm as per instruction of Engineer incharge	1.00	256,501.00	P/Job	256,501.00	294,900.00	294,900.00	300,106.00	300,106.00

**NAME OF WORK: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI**

S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co.		M/s. Kashif Engineering Works		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
15	Local Mfg. of spacer base ring from sand casting phosphorus bronze having finished size outer dia 1220 mm, inner dia 1119 mm, width 75mm i/c making collar dia 834mm depth 55mm, each collar thickness 17mm i/c making hole 26mm dia 10 nos. each & equal distance at centre outer & inner dia i/c making thread at a depth 17mm i/c making 10 No.s holes 13mm dia depth 17mm each & equal distance i/c fixing the ring at top cover of pump casing as per instruction of E/incharge	1.00	186,570.00	P/Job	186,570.00	214,500.00	214,500.00	218,287.00	218,287.00
16	Local Mfg. & fixing of pump casing protective wear ring of MAN pump type RRS-7(Spl) from sand casting with S.grey cast iron FCD-500 casting dia 670mm ID=530mm, height 140mm i/c machining & polishing of ring finished size outer dia 650mm, ID=550mm height 120mm i/c making collar dia 620mm, depth 108mm i/c making hole (Counter Sunk) 15 & 10 mm dia 08Nos. holes 10mm dia for lantern throat at a distance from top collar 25mm each & equal distance as per instruction of E/incharge	1.00	169,449.00	P/Job	169,449.00	194,800.00	194,800.00	198,255.00	198,255.00

**NAME OF WORK: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI**

S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co.		M/s. Kashif Engineering Works	
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate
17	Local Mfg. & fixing of Impeller hood of Man Pump shaft RRS-7 (Spl) from Stainless Steel solid shaft having outer dia 216mm & total length 216mm, i/c precise machining and polishing to bring & finished size OD at top 178mm, OD at bottom 79mm at a distance 67mm from top at this portion machining as bowl shape i/c making bottom side height 55mm, outer dia 79mm, making this portion hexagonal shape each side width 40mm by indexing process & height of hexagonal head 55mm, making internal bore from top of head 97.5mm dia upto 66mm depth duly threaded i/c making hole at bottom side 27mm dia depth of hole 55mm as per instruction of Engineer incharge	1.00	111,549.00	P/Job	111,549.00	128,200.00	130,512.00	130,512.00
18	Local Mfg. of Gland sealing ring of top cover pump casting from phosphorus bronze having outer dia 305mm & height 178mm i/c precise machining to bring to finished size outer dia 225mm & height 25mm other step outer dia 220mm & height 20mm, i/c last step outer dia 210 mm & height 25mm, overall finished size length 71mm i/c making bore at centre dia 195 mm throughout length 77mm i/c making under cut at inside hole dia 203mm width 10mm as per instruction of Engineer incharge	1.00	154,069.00	P/Job	154,069.00	177,000.00	180,261.00	180,261.00
19	providing & fixing Silicon Rubber sealing imported							
	having outer dia 8mm for seal the pump casing	30.00	150.00	P/Rft	4,500.00	170.00	176.00	5,280.00
20	Providing Gland packing Teflon, high temp. resistant (Made in UK brand) 3/4" size	20.00	3,000.00	P/Kg	60,000.00	3,450.00	3,510.00	70,200.00
21	Providing Stainless Steel Nuts & bolts 25&20 mm length & 100 and 75mm "M" Brand	20.00	725.00	P/Kg	14,500.00	850.00	848.00	16,960.00
22	Providing high carbon steel nuts and bolts different size from 12, 15, 20mm & length 55, 60, 65, 70mm	20.00	200.00	P/Kg	4,000.00	250.00	234.00	4,680.00




**NAME OF WORK: REPAIR/MAINTENANCE OF 24 MGD CAPACITY M.A.N PUMP TYPE RRS-7(SPL) WITH REPLACEMENT OF WORN-OUT PARTS OF PUMP#1 AT 1ST PHASE PUMP HOUSE, DHABEJI**

S.No	Description of Work	Engineer's Estimate			M/s. Malik & Co.		M/s. Kashif Engineering Works		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
23	Supply of Cotton waste	100.00	60.00	P/Lb	6,000.00	65.00	6,500.00	70.00	7,000.00
24	Complete assembling of impeller shaft, multidimensional pump casing, Top cover pump distributor, of MAN pump after cleaning corrosion from inside the pump housing i/c celaning the 48 nos. Nuts & bolts & tightening Nuts & Bolts at required torque as per instruction of Engineer Incharge	1.00	25,338.00	P/Job	25,338.00	29,000.00	29,000.00	29,645.00	29,645.00
25	Complete assembling of intermediate shaft , Driving shaft, bearing hosing i/c fixing of 02 Nos. Pulley at shaft & tightening the Nuts & bolts as required after cleaning the Nuts & bolts	1.00	45,118.00	P/Job	45,118.00	51,800.00	51,800.00	52,788.00	52,788.00
26	Transportation, loading & unloading from Dhabeji to Karachi and from Karachi to Dhabeji	1.00	24,240.00	P/Job	24,240.00	27,800.00	27,800.00	28,361.00	28,361.00
					<b>4,667,565.00</b>		<b>1,916,970.00</b>		<b>1,951,040.00</b>
	<b>Say</b>				<b>1,667,565</b>		<b>1,916,970</b>		<b>1,951,040</b>

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

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

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

(Abdul Rehman Khattai)  
Chief Engineer (IPD) (Convener)

(Maqsood Ahmed Shaikh)  
Superintending Engineer (KMC)  
Member



# 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	K.W&S.B/DRR/2014/64 INF-KRY No. 971/2014 (i) The Daily "Soab" Dt:27/03/2014 ,(ii) The Daily "Express",(iii) The Daily "Pakistan Observer" Dt: 28/03/2014, SPPRA Serial No.19568 I.D No. _____/2014
3	Tender Description/Name of Work/Item	OVERHAULING OF 24 MGD CAPACITY M.A.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE, DHABEJI
4	Method of Procurement	Single Stage (One Envelop)
5	Tender Published	Through Web Site/Press
6	Total Bid Documents Sold	2 Nos
7	Total Bid Received	2 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	21/04/2014

### 12 Bid Evaluation Report

S #	NAME OF FIRM OR BIDDER	COST OFFERED BY THE BIDDERS	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s. Kashif Engineering Works	Rs. 1,740,140/-	1st Lowest	@ 14.964% Above	Substantially Responsive	P.O # 7627415 Dt: 30/12/2013 Rs.35,500/- UBL Model Colony Br
2	M/s. Malik & Co.	Rs. 1,770,949/-	2nd Lowest	@ 17.000% Above	Substantially Responsive	P.O # 6983984 Dt: 28/01/2014 Rs.39,140/- UBL Drigh Rd Township Br

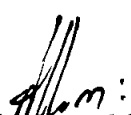
The all concerned bidder are being informed accordingly.

The E.E Concerned for compliance of rule 45 of SPPRA 2010 M/s. Kashif Engineering Works declared as the lowest responsive bidder by the Committee and recommended for Sanction from Competent Authority.

  
(Tariq Akbar Khan)  
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)

NIT Sr. No.19568

Method of Procurement: Single Stage Single Envelope.

Name of Work: OVERHAULING OF 24 MGD CAPACITY MA.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department was held on 21-04-2014 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 Engineering Works
- ii. M/s. Malik & Co.

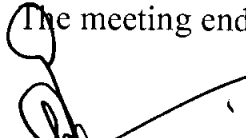
3. The bids were opened at 2:30 P.M in the presence of the above mentioned participants and the rates quoted by bidders were read aloud and encircled by Chairman of the Procurement Committee.

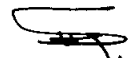
S.No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
01	M/s. Kashif Engineering Works	Rs. 1,740,140/-	Rs.35,500/-	P.O # 7627415 Dt: 30/12/2013 UBL Model Colony Br
02	M/s. Malik & Co.	Rs. 1,770,949/	Rs.39,140/-	P.O # 6983984 Dt: 28/01/2014 UBL Drigh Rd Township Br

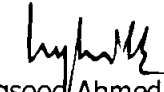
4. The bids do not contain any over-writing or cutting.


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).

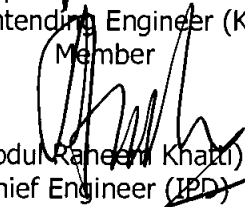
The meeting ended with the note of thanks to and from the chair.

  
(Tariq Akber Khan)  
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 (IPD)  
Convener

**BIDDERS QUALIFICATION REPORT**  
**Rule-46(i) (a) Single Stage One Envelope Procedure**

Opening Date: 21-04-2014


Name of Work: **OVERHAULING OF 24 MGD CAPACITY MA.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE, DHABEJI**

Name of Bidder **M/s. Kashif Engineering Works**


S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	-	-

Name of Bidder **M/s. Malik & Co.**

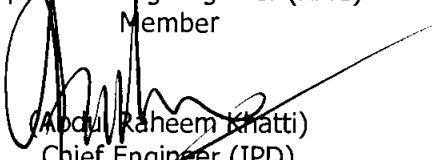
S.No	Eligibility	Yes	No
1	Relevant experience	✓	X
2	Turnover Statement	✓	X
3	Registration with Income Tax	✓	X
4	Registration with Sales Tax where applicable.	-	-

  
 (Tariq Akber Khan)  
 Accounts Officer (E&M-W)  
 Member Secretary

  
 (Saif-ul-Haque)  
 Additional Director Internal  
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 (Noor Muhammad Chohan)  
 Chief Engineer (E&M-W)  
 Member

  
 (Abdul Raheem Khattai)  
 Chief Engineer (IPD)  
 Convener

**COMPARATIVE STATEMENT**

**NAME OF WORK: OVERHAULING OF 24 MGD CAPACITY M.A.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE, DHABEJI**

S.No	Description of Work	Engineer's Estimate				M/s. Kashif Engineering Works		M/s. Malik & Co.	
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
1	Disconnection of H.T Electric connection, Heaters connection and temperature and relays connection from Motor panel as per instruction of Engineer incharge	1.00 Job	1,300.00	P/Job	1,300.00	1,490.00	1,490.00	1,521.00	1,521.00
2	Dismantling and shifting of H.T. motor from motor bed as per instruction of Engineer incharge	1.00 Job	2,800.00	P/Job	2,800.00	3,220.00	3,220.00	3,276.00	3,276.00
3	Removal of Pump shaft pulley with the help of Hydraulic Puller machine and oxy acetylene flame as per instruction of E/Incharge	1.00 Job	13,650.00	P/Job	13,650.00	15,600.00	15,600.00	15,971.00	15,971.00
4	Removal of multidimensional pump casing Top cover after dismantling of 48 Nos. Nuts & bolts from pump casing & pull out completely	1.00 Job	9,075.00	P/Job	9,075.00	10,400.00	10,400.00	10,618.00	10,618.00
5	Removal of anti reverse Ratchet mechanism system from intermediate Pump Shaft as per instruction of Engineer incharge	1.00 Job	9,075.00	P/Job	9,075.00	10,400.00	10,400.00	10,618.00	10,618.00
6	Removal of Bearing 20232 from pump Shaft and housing with the help of Hydraulic puller machine and oxy acetylene flame as per instruction of Engineer incharge	1.00 Job	14,300.00	P/Job	14,300.00	16,450.00	16,450.00	16,731.00	16,731.00
7	Removal and Pull out of Pump shaft with impeller from Pump housing as per instruction of Engineer incharge	1.00 Job	5,800.00	P/Job	5,800.00	6,650.00	6,650.00	6,786.00	6,786.00
8	Removal of Wear protective ring from housing by removing 08 Nos. Bolts without damaging pump base as per instruction of Engineer Incharge	1.00 Job	19,879.00	P/Job	19,879.00	22,860.00	22,860.00	23,258.00	23,258.00
9	Removal of impeller from Pump Shaft with the help of Hydraulic puller machine and oxy acetylene flame and chemical treatment without disturbing the originality of shaft and impeller as per instruction of E/Incharge	1.00 Job	19,622.00	P/Job	19,622.00	22,500.00	22,500.00	22,958.00	22,958.00
10	Removing of Impeller Neck ring with the help of Hydraulic puller machine and oxy acetylene flame as per instruction of Engineer incharge	1.00 Job	19,879.00	P/Job	19,879.00	22,860.00	22,860.00	23,258.00	23,258.00


  
 Date: \_\_\_\_\_

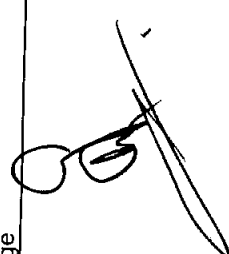


NAME OF WORK: OVERHAULING OF 24 MGD CAPACITY MA.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE,DHABEJI

S.No	Description of Work	Engineer's Estimate			M/s. Kashif Engineering Works		M/s. Malik & Co.		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
11	Removal of protective Sleeve from impeller head with the help of Hydraulic puller machine and oxy-acetylene flame as per inst. of E/I.	1.00	19,879.00	P/Job	19,879.00	22,860.00	22,860.00	23,258.00	23,258.00
12	Repair, Reconditioning and balancing of Pump shaft by removing pitted, corroded and deteriorated portions by machine tool operation upto 6.8mm depth and welding upto required sizes after pre heating. Redressing the entire surface by machining and polishing to bring finished size, length of shaft 2300mm dia at bottom 100mm with "V" shape threads upto 56mm for impeller hood. Impeller portion dia tapered Top to Bottom 140mm and 113 mm length 419mm including making key slot length 300mm depth 5mm dia at ratchet and bearing port 140mm, length 115mm including threads upto 85mm length other dia 135mm upto 150mm length pulley portion dia 130 mm length 200mm i/c 3 key slots as per inst. of E/I.	1.00	93,975.00	P/Job	93,975.00	108,070.00	108,070.00	109,951.00	109,951.00
13	Local Mfg. and fixing impeller head Sleeve from 216mm dia. 203.20mm long solid stainless steel (ASI 316) Pharmaceutical Food grade shaft by machining and polishing to bring finished sizes OD=195mm, I.D.=180mm total length 150mm including making 03 Nos. external grooves equally spaced as per instruction of E/Incharge	1.00	121,705.00	P/Job	121,705.00	139,900.00	139,900.00	142,395.00	142,395.00
14	Local Mfg., and fixing of Impeller Neck protecting ring from manganese phosphorous bronze by centrifugal casting having casted size O.D.=670mm, I.D.=533mm, length 127mm, precise machining and polishing to bring finished sizes O.D 618mm, I.D 588mm, length 85mm including making taper internally upto 50mm length from Top including making 03 Nos. holes 10mm dia equally spaced as per instruction of E/Incharge	1.00	177,314.00	P/Job	177,314.00	203,900.00	203,900.00	207,457.00	207,457.00

*[Handwritten signatures and initials]*

**NAME OF WORK: OVERHAULING OF 24 MGD CAPACITY M.A.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE, DHABEJI**

S.No	Description of Work	Engineer's Estimate			M/s. Kashif Engineering Works		M/s. Malik & Co.		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
15	Fixing of Impeller in pump Shaft of M.A.N Type RRS-7(Spl) Pump by heavy duty hydraulic press machining including dynamic balancing of Impeller and shaft for zero alignment and vibration free operation as per Inst. of E/I.	1.00	62,920.00	P/Job	62,920.00	72,350.00	72,350.00	73,616.00	73,616.00
16	Reconditioning of Multidimensional Pump casing top Cover of MAN pump type RRS-7(Spl) by dismantling Pump distributor, base ring and inserting stuffing Box, Gland nut etc. Rebuilding, redressing the deteriorated portions with great accuracy with Suitable high grade cast iron welding Electrodes process including machining and polishing to bring finished sizes as per actual requirement and making 10 nos. threaded holes 12.5mm dia depth 85mm size of cover base o.D=1470mm I.D=638mm Collar dia 820mm Width 800mm after redressing, reassembling the parts with new S.S nuts 12.7mm dia 90mm length with packing etc. duly tightened at required torque as per instruction of E/I	1.00	400,125.00	P/Job	400,125.00	460,000.00	460,000.00	468,146.00	468,146.00
17	Local Mfg. of Spacer base Ring from sand casting phosphorous bronze having finished size O.D=1220mm, i.D=1119mm, Width 75mm i/c making Collar dia 834 mm depth 55mm each Collar thickness 17mm i.c making holes 26mm dia 10 Nos. each and equal distance at centre out Outer inner dia i/c making threads at a depth 17mm i/c making 10Nos. holes 13mm dia depth 17mm each at equal distance i/c fixing the ring at Top Cover of Pump casing as per instruction of E/I/incharge	1.00	186,570.00	P/Job	186,570.00	214,500.00	214,500.00	218,287.00	218,287.00

NAME OF WORK: OVERHAULING OF 24 MGD CAPACITY M.A.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE, DHABEJI

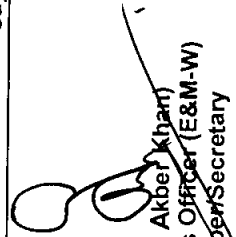
S.No	Description of Work	Engineer's Estimate			M/s. Kashif Engineering Works		M/s. Malik & Co.		
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
18	Local mfg. and fixing of Pump casing protective wear ring of MAN Pump type RRS-7(Spl) from sand casting with grey cast iron casting dia 670mm ID=530mm height 140mm i/c machining and polishing Top ring finished sizes O.D=650mm, I.D=550mm height 120 mm i/c making collar dia 620mm depth 108mm i/c making holes counter sunk 15 and 10mm dia 08Nos. at base of ring i/c making 32 nos. holes 10mm dia for lantern throat at a distance from Top collar 25mm each equal distance as per instruction of Engineer incharge	1.00 Job	89,606.00	P/Job	89,606.00	103,000.00	103,000.00	104,839.00	104,839.00
19	Local Mfg. and fixing of Impeller hood of pump Shaft of M.A.N pump type RRS-7 (spl) from solid Steel shaft having O.D=216mm precise machining and polishing to bring finished size O.D at Top 178 O.D a Bottom 79mm at a distance 67mm from top at this portion machining as bowl shape i/c making bottom side height 55mm O.D=79mm, making this portion hexagonal shape each side width 40mm by indexing process. Height of hexagonal head 55mm. Making internal have from Top of hood 97.5mm dia upto 66mm depth duly threaded i/c making hole at bottom 27mm dia 55mm deep as per instruction of Engineer incharge	1.00 Job	111,549.00	P/Job	111,549.00	128,280.00	128,280.00	130,512.00	130,512.00
20	providing & fixing Rubber Cord 6mm dia for sealing of pump casing	30.00 Rft	80.00	P/Rft	2,400.00	92.00	2,760.00	94.00	2,820.00
21	providing Gland packing Teflon (U.K made) 3/4" size	10.00 Kg	2,500.00	P/Kg	25,000.00	2,875.00	28,750.00	2,925.00	29,250.00
22	Providing Stainless Steel Nuts & bolts 25&20 mm length & 100 and 75mm "M" Brand	15.00 Kg	725.00	P/Kg	10,875.00	835.00	12,525.00	848.00	12,720.00
23	Providing carbon steel nuts and bolts assorted sizes	15.00 Kg	725.00	P/Kg	10,875.00	835.00	12,525.00	848.00	12,720.00


*[Handwritten signatures and initials]*




NAME OF WORK: OVERHAULING OF 24 MGD CAPACITY MA.N. PUMP NO.3 TYPE RRS-7(SPL) INSTALLED AT 2ND PHASE PUMP HOUSE, DHABEJI


S.No	Description of Work	Engineer's Estimate			M/s. Kashif Engineering Works			M/s. Malik & Co.	
		Quantity	Rate	Unit	Amount	Rate	Amount	Rate	Amount
24	Complete assembling of impeller shaft, multidimensional pump casing, Top cover pump distributor, of MAN pump after cleaning corrosion from inside the pump housing i/c celaning the 48 nos. Nuts & bolts & tightening Nuts & Bolts at required torque as per instruction of Engineer. Incharge	1.00	25,338.00	P/Job	25,338.00	29,150.00	29,150.00	29,645.00	29,645.00
25	Complete assembling of intermediate shaft , anti reverse ratchet mechanism , thrust bearing Motor and Pump pulleys etc. i/c making H.T and L.T Connections and testing and commissioning complete as per instruction of Engineer Incharge	1.00	45,118.00	P/Job	45,118.00	51,890.00	51,890.00	52,788.00	52,788.00
26	Transportation, loading & unloading from Dhabeji Pump house to Karachi and from Karachi to Dhabeji Pump House	1.00	15,000.00	P/Job	15,000.00	17,250.00	17,250.00	17,550.00	17,550.00
	Say				1,513,629.00		1,740,140.00		1,770,949.00

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

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

  
 (Maqsood Ahmed Shaikh)  
 Superintending Engineer (KMC)  
 Member

  
 (Abdul Rahim Khattak)  
 Chief Engineer (IPB), (Convener)

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