

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

Description of work: RECONDITIONING / RE-BUILDING AND RE-FURBISHING OF DOUBLE ENTRY IMPELLER AND PUMP CASING OF 35 MGD WEIR PUMP SET 'E' AT K-II PUMP HOUSE, DHABEJI

Date of Opening: 13-05-2015

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

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

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

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

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

(Abdul Rauf Khattak)
Chief Engineer (IPD)
Convener

NIT Sr. No. SPPRA Serial No. 23881

Method of Procurement: Single Stage Single Envelope.

Name of Work: RECONDITIONING / RE-BUILDING AND RE-FURBISHING OF DOUBLE ENTRY IMPELLER AND PUMP CASING OF 35 MGD WEIR PUMP SET 'E' AT K-II PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 13-05-2015 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.


(Attendance sheet is enclosed).

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

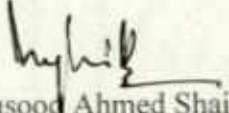
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s. Malir Construction	Rs. <u>24,93,000/-</u>	Rs. 50,000/-	P.O # 7276276 dt:12-05-2015 Rs.40,000/- from Bank Al Habib Ltd M.A. Jinnah Road Branch Karachi & P.O # E-2955252 revalidate on 13-02-2015 Rs.10,000/- from MCB Pakistan Quarter Branch Karachi
2.	M/s. Yasin Enterprises	Rs. 25,00,000/-	Rs. 50,000/-	P.O # 08047753 dt:12-05-2015 from Habib Metropolitan bank Ltd Garden East Branch Karachi

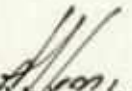
4. The bids do not contain any cutting or over writing.
5. The committee shall examine all the bids as per the qualification / eligibility criteria provided in the bidding document and verify the documents and bid security submitted by the bidders (if required).


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


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Rahim Khattar)
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:	KW&SB/DPR/2015/56 & INF-KRY-1553/15 published in daily "City News" dt: 24-04-2015 daily "Jahan-e-Pakistan" "Dunya" & "Hilal-e-Pakistan" dt: 25-04-2015. SPPRA Serial No.23881 I.D No. /2015
3	Tender Description/Name of Work/Item:	RECONDITIONING / RE-BUILDING AND RE-FURBISHING OF DOUBLE ENTRY IMPELLER AND PUMP CASING OF 35 MGD WEIR PUMP SET 'E' AT K-II PUMP HOUSE, DHABEJI
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press / SPPRA Web Site
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:	01 No
11	Financial Bid Opening Date:	13-05-2015

12 BID EVALUATION REPORT

S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s. Malir Construction	Rs.24,93,000/-	1 st Lowest	@7.272% Above	Pay order and other required documents are attached. P.O # 7276276 dt:12-05-2015 Rs.40,000/- from Bank Al Habib Ltd M.A. Jinnah Road Branch Karachi & P.O # E-2955252 revalidate on 13-02-2015 Rs.10,000/- from MCB Pakistan Quarter Branch Karachi Total Rs.50,000/-	Substantially Responsive
2.	M/s. Yasin Enterprises	Rs.25,00,000/-	-	@7.573% Above	Pay order attached but other required documents are not attached. P.O # 08047753 dt:12-05-2015 Rs.50,000/- from Habib Metropolitan bank Ltd Garden East Branch Karachi	Un Responsive

The all concerned bidders are being informed accordingly.

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

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

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

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

(Abdul Wahid Khan)
Chief Engineer (IP&D)
Convener


COMPARATIVE STATEMENT

Name of Work: RECONDITIONING / RE-BUILDING AND RE-FURBISHING OF DOUBLE ENTRY IMPELLER AND PUMP CASING OF 35 MGD WEIR PUMP SET 'E' AT K-II PUMP HOUSE, DHABEJI


Item No	Description of Work	Estimated Cost			M/s. Malir Construction		M/s. Yasin Enterprises	
		Quantity	Rate	Per Amount	Rate	Amount	Rate	Amount
1	Refurbishing, Re-building and protective coating of eroded & damaged portion of 35 MGD Weir Pump Casing with the following scope of work:- a) Grit blasting for surface preparation as per SA 2 1/2 standard. b) Decontamination of blasted surface with Belzona 9111NF. c) Re-Building badly eroded surfaces of pump "E" Casing with Belzona 1311. d) Belzona 1291 conditioner apply before 2141 Cavitations Resistant Elastomeric Coating.	1	1,442,000	P/Job	1,442,000	1,600,000	1,605,000	
2	Reconditioning / Refurbishing and re-building protective coating of eroded & damaged portions of double entry Impeller of 35 MGD, Weir Pump with the following Scope of work: Description of Impeller: > Outer dia = 920 mm > Internal dia = 133 mm > Total Height = 410 mm > Suction dia = 505 mm > Vanes size = 7" side (Upper and Lower surface eroded) > Suction vanes = 8+8=16 Nos. (Both side Upper & Lower) > Discharge Vanes = 8 Nos (Curve Shape).							

**Name of Work: RECONDITIONING / RE-BUILDING AND RE-FURBISHING OF DOUBLE ENTRY IMPELLER AND PUMP CASING OF
35 MGD WEIR PUMP SET 'E' AT K-II PUMP HOUSE, DHABEJI**

Item No	Description of Work	Estimated Cost			M/s. Malir Construction		M/s. Yasin Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
	Scope of Work: a) Surface preparation with grit blasting as per SA 1 1/2 standard. b) Decontamination of blasted surface with Belzona 9111 NF . c) Re-Building both sides of 16 Nos badly damaged surface of double entry impeller vanes (Inlet and outlet) with Belzona 1311. d) Re-building both sides of 16 Nos badly damaged surface of double entry impeller discharge suction vanes with Belzona 1311. e) Repairing of all cavities inside of discharge and suction Outlet and Inlet vanes with Belzona 2141. f) Apple Belzona 2191 surface conditioner before application of Belzona 2141. g) Reinforcement of created portions of dislocated impeller vanes with belzoon 1311 & Belzona 9341 reinforcement. h) Grinding work i) Corrosion protective ceramic Belzona 1341 coating on the surface area of the impeller. j) Cavitations resistant Belzona 2141 electromeric coating on the lightly impact zone. k) Apply a thin layer of Belzona 9411 where Belzona material shout not Adhere during application. l) Mechanical parts replacement and supplies are not in our scope of work.	1	882,000	P/Job	882,000	893,000	893,000	895,000	895,000
	TOTAL QUOTED / CORRECTED BID COST				2,324,000		2,493,000		2,500,000


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


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 Additional Director Internal
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 Chief Engineer (E&M-W)
 Member


 (Abdul Razaq)
 Chief Engineer (IPD)
 Convener

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

Description of work: PROVIDING & INSTALLATION OF PUMP COOLING COIL OF MAN PUMP TYPE RRS-7 (SPL) # 2 FOR 2ND PHASE PUMP HOUSE, DHABEJI

Date of Opening: 13-05-2015

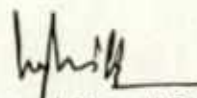
BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

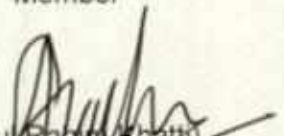
S. No.	Eligibility / Qualification Criteria	Bidders' Name	
		M/s. <u>Malir</u> Construction	M/s. Yasin Enterprises.
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	Yes
3.	Sales Tax Registration	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes
	Qualification Criteria:		
5.	Minimum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


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


 (Saif-ul-Haque)
 Additional Director Internal
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 (Maqsood Ahmed Shaikh)
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 (Abdul Rauf Khattak)
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 Convener

NIT Sr. No. SPPRA Serial No. 23881

Method of Procurement: Single Stage Single Envelope.

Name of Work: PROVIDING & INSTALLATION OF PUMP COOLING COIL OF MAN PUMP TYPE RRS-7 (SPL) # 2 FOR 2ND PHASE PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 13-05-2015 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.


(Attendance sheet is enclosed).

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

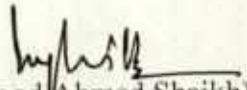
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s. Malir Construction	Rs. <u>24,90,000/-</u>	Rs. 50,000/-	P.O # 6941756 dt: 13-02-2015 Rs. 20,000/- P.O # 6071683 revalidate on 14-02-2015 Rs. 10,000/- & P.O # 6941757 dt: 13-02-2015 Rs. 20,000/- from Bank Al Habib Ltd M.A. Jinnah Road Branch Karachi
2.	M/s. Yasin Enterprises	Rs. 25,00,000/-	Rs. 50,000/-	P.O # 08047754 dt: 12-05-2015 Rs. 30,000/- P.O # 08047210 dt: 20-01-2015 Rs. 20,000/- from Habib Metropolitan bank Ltd Garden East Branch Karachi


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

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


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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/2015/56 & INF-KRY-1553/15 published in daily "City News" dt: 24-04-2015 daily "Jahan-e-Pakistan" "Dunya" & "Hilal-e-Pakistan" dt: 25-04-2015. SPPRA Serial No.23881 I.D No. /2015
3	Tender Description/Name of Work/Item:	PROVIDING & INSTALLATION OF PUMP COOLING COIL OF MAN PUMP TYPE RRS-7 (SPL) # 2 FOR 2ND PHASE PUMP HOUSE, DHABEJI
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press / SPPRA Web Site
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:	01 No
11	Financial Bid Opening Date:	13-05-2015

12 BID EVALUATION REPORT

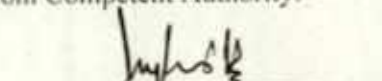
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s. Malir Construction	Rs.24,90,000/-	1 st Lowest	@13.182% Above	Pay order and other required documents are attached. P.O # 6941756 dt: 13-02-2015 Rs.20,000/- P.O#6071683 revalidate on 14-02-2015 Rs.10,000/- & P.O # 6941757 dt: 13-02-2015 Rs.20,000/- from Bank Al Habib Ltd M.A. Jinnah Road Branch Karachi Total Rs.50,000/-	Substantially Responsive
2.	M/s. Yasin Enterprises	Rs.25,00,000/-	-	@13.636% Above	Pay order attached but other required documents are not attached. P.O # 08047754 dt:12-05-2015 Rs.30,000/- P.O # 08047210 dt:20-01-2015 Rs.20,000/- from Habib Metropolitan bank Ltd Garden East Branch Karachi Total Rs.50,000/-	Un Responsive

The all concerned bidders are being informed accordingly.

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


(Muhammad Rizwan)
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Chief Engineer (E&M-W)
Member


(Abdul Basit Bhatti)
Chief Engineer (IP&D)
Convener

COMPARATIVE STATEMENT

Name of Work: PROVIDING & INSTALLATION OF PUMP COOLING COIL OF MAN PUMP TYPE RRS-7 (SPL) # 2 FOR 2ND PHASE PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s. Malir Construction		M/s. Yasin Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
1	Spares for M.A.N Pump type RRS-7 (SPL) 6400197 Serial No.7605-7608 Work No.174602-05, Supply, Installation, Testing Cooling Coil, Manufactured from Copper base alloy having OD=19mm, I.D 15mm, Fins O.D 25mm Fins Thickness 0.40mm having 13 Nos Fins per inch. Total length of coil 26 Rft. In Spiral shape Coil in 5 rows having inlet and outlet Nipples length of Nipples 85mm. O.D 26.5 mm I.D=15mm i/c Collar of 50mm dia 4mm Thick duly threaded upto 35mm length with plugs for jointing with water circulation system.	1	Unit	2,200,000	P/Unit	2,200,000	2,490,000	2,500,000	2,500,000
	TOTAL QUOTED / CORRECTED BID COST					2,200,000	2,490,000	2,500,000	2,500,000


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


 (Maqsood Ahmed Shaikh)
 Superintending Engineer (KMC)
 Member


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


 (Abdul Kadir Yasin)
 Chief Engineer (E&M-W)
 Convener

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

Description of work: **REPAIR / RECONDITIONING OF 700MM DIA NON-RETURN VALVE OF PUMP NO.1 OF 4TH PHASE PUMP HOUSE, DHABEJI**


Date of Opening: 13-05-2015

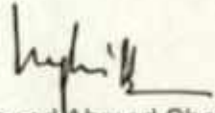
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Eligibility/ Qualification Criteria:

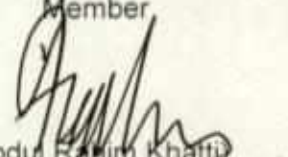
S. No.	Eligibility / Qualification Criteria	Bidders' Name	
		M/s.Saim & Co.	M/s.Hawan Construction Co.
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	Yes
3.	Sales Tax Registration	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes
	Qualification Criteria:		
5.	Minimum three years'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


(Muhammad Riaz)
D.A.O (E&M-W)
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Chief Engineer (IPD)
Convener

NIT Sr. No. SPPRA Serial No. 23881

Method of Procurement: Single Stage Single Envelope.

Name of Work: **REPAIR / RECONDITIONING OF 700MM DIA NON-RETURN VALVE OF PUMP NO.1 OF 4TH PHASE PUMP HOUSE, DHABEJI**

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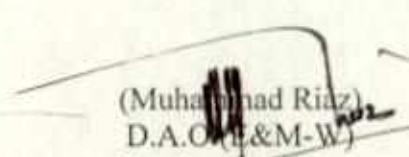
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 - i. M/s. Saim & Co.
 - ii. M/s. Hawan Construction Co.
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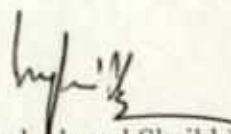
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s.Saim & Co.	Rs.17,97,320/-	Rs.36,000/-	P.O # 7098385 dt: 12-05-2015 from Bank Al Habib Ltd Malir Halt Branch Karachi
2.	M/s.Hawan Construction Co.	Not Quoted	-	Pay Order not Attached


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

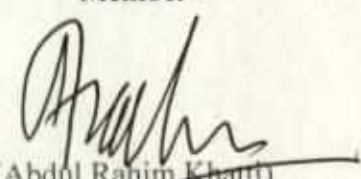
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KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT

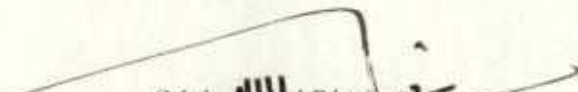
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9	No. of Bid Technically Qualified (if applicable)	N/A
10	Bid (s) Rejected:	01 No
11	Financial Bid Opening Date:	13-05-2015

12 BID EVALUATION REPORT

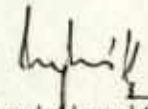
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2.	M/s.Hawan Construction Co.	Not Quoted	-	-	Pay order and other required documents are not attached.	Un Responsive

The all concerned bidders are being informed accordingly.

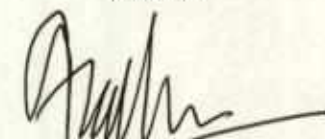
The E.E Concerned for compliance of Rule-45 of SPPRA 2010 M/s.Saim & Co. declared as the lowest responsive bidder by the Committee and recommended for sanction from Competent Authority.


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Rahim Khatti)
Chief Engineer (IPD)
Convener

COMPARATIVE STATEMENT

Name of Work: REPAIR / RECONDITIONING OF 700MM DIA NON-RETURN VALVE OF PUMP NO.1 OF 4TH PHASE PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s.Saim & Co.			
		Quantity	Rate	Per	Amount	Rate	Amount	
1	Dismantling the 700mm dia non return valve from delivery line (Manifold line) of 25 MGD KSB Pump from 15' height by dismantling the 48 Nos Nuts & Bolts from dresser coupling collar & pull out the valve from pump section as per instruction of Engineer Incharge.	1	Job	17,350	P/Job	17,350.00	19,950	19,950
2	Dismantling the Non Return Valve complete parts i.e hydraulic device, shutter pin flange both side, shutter pin both side, shutter disc plate, valve body with the help of hydraulic press & xoygen accetylene for heating as per instruction of Engineer Incharge.	1	Job	8,550	P/Job	8,550.00	9,800	9,800
3	Local Mfg. of Shutter valve seat of NRV 700 mm dia from phosphorus bronze by centrifugal casting having size OD=30.55", ID=24", thickness 4" and machining for making finished size OD=27.55" inner dia 22" & thickness 2 1/2" i/c making collar dia outer 24" thickness 1/2" i/c making tapered at upper side of seat ast 60°, width of tapered 5/8", i/c making hole at collar side 1/2" dia 20 Nos each & equal distance i/c making thread American 1/2" complete length of seat as per instruction of Engineer Incharge.	1	Job	213,034	P/Job	213,034.00	245,000	245,000
4	Repair / reconditioning of 700mm dia, Valve shutter disc having OD=27" width of Shutter 4 1/2" bowl shape by redressing cast iron rod at deteriorated portion i/c machining the shutter disc & making thread american 25" dia. Width of thread 1 1/2" at Corner of shutter disc i/c making hole 1/2" dia 20 Nos & making thread American at 20 Nos holes depth of thread 2" for gripping the seat. Making line bore 3.25" dia both side of shutter disc. Length of bore 7" i/c P/F high pressure Gasket 1.5mm thick having OD=26", ID=24" by adhesive compound b/w shutter disc plate & seat i/c tighten 20 Nos bolts at required torque as per instruction of Engineer Incharge.	1	Job	279,297	P/Job	279,297.00	321,000	321,000
5	Local Mfg. Valve body seat from psphotus bronze by centrifugal casting having casting size OD=30", ID=24" & thickness 4" and machining for making finished size OD=28", ID=26.55", thickness 2 1/2" i/c machining for making tapered at seat upper side 60°, width of tapered i/c making thread American at outer collar of seat length of thread 1 1/2" as per instruction of Engineer Incharge i/c fixing the seat at valve body at inner dia of valve as per instruction of Engineer Incharge.	1	Job	207,607	P/Job	207,607.00	238,750	238,750
6	Repair / Reconditioning of valve body, having OD with collar 35" ID of valve = 28", height of body with collar 18", by redressing danged portion from inside the valve by cast iron welding process i/c machining from inside for removal of old damaged seat & machining from inside for making dia 28", i/c making under cut depth of cut 1" width 2" i/c making american thread at this prtion 28" width of thread at this portion 28" width of thread 2" i/c fixing the valve body set at inside the valve body as per instruction of E/Incharge.	1	Job	167,170	P/Job	167,170.00	192,250	192,250

W.S. Dhabeji

W.S. Dhabeji

Name of Work: REPAIR / RECONDITIONING OF 700MM DIA NON-RETURN VALVE OF PUMP NO.1 OF 4TH PHASE PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s.Saim & Co.			
		Quantity	Rate	Per	Amount	Rate	Amount	
7	Local Mfg. of Valve body shutter Arm (Pin) from 4.5" dia stainless steel solid shaft AISI-316 imported length of shaft 26" i/c machining for making outer dia 4" at length 13", then making tapered last end dia 3.25", length of tapered portion 3", last step making outer dia 3.25" & length 7" i/c polishing & making under cut groove 4.5 mm in semicircular shape for ceramic seal, depth of slot 2 1/2" 4 Nos each & equal distance i/c making tapered hole outer dia a top 1" & outer dia at bottom 3/4" for press fit of S.S pin tapered length of Pin 6" as per instruction of Engineer Incharge.	2	Job	80,304	P/Job	160,608.00	92,350	184,700
8	Local Mfg. of Valve Gasket from 3mm thick Synthetic sheet imported having size 6"x6", making OD=35" & ID=28", making 24 Nos. Holes 1" dia each & equal distance i/c fixing at valve body collar with Adhesive compound both side of valve body collar as per instruction of Engineer Incharge.	2	Job	13,150	P/Job	26,300.00	15,000	30,000
9	Local mfg. of Ceramic seal imported having outer dia 4" cross sectional dia 4mm & ID=3.70" by moulding M/C high pressure resistance as per instruction of Engineer Incharge.	4	Nos	20,612	Each	82,448.00	23,700	94,800
10	Local Mfg. of special type bolt from S.S Shaft size 25mm & length 3 1/2" machining at thread side finished size OD=16mm & Length 3" & making American thread 16mm at complete length 3" & machining at heagonal head size 24mm & length 15mm i/c making hexagonal head each side width 10mm, height of hexagonal head 15mm as per instruction of Engineer Incharge.	36	Nos	2,454	Each	88,344.00	2,820	101,520
11	Assembling the Non return valve complete parts i.e shutter pin flange, both sides, shutter pin with Ceramic seal both side, shutter dis plate, at valve body & hydraulic clamper system as per instruction of Engineer Incharge.	1	Job	4,410	P/Job	4,410.00	5,050	5,050
12	Fixing the 700mm Non Return Valve at delivery line (Manifold Line) of 25MGD KSB Pump at 15' height by fixing Nuts & bolts at dresser coupling collar & Bend collar at required torque as per instruction of Engineer Incharge.	1	Job	14,350	P/Job	14,350.00	16,500	16,500
13	Local Mfg. of Special size bolt from high Carbon high tensile steel rod, from 50mm dia & length 152mm i/c machining from outside finished size outer dia 30mm & length of thread are 95.25mm & making thread American complete length 95mm, pitch of thread 3mm, depth of thread 1.5mm i/c making hexagonal shape at balance 30mm length each side head width 20mm Cross sectional head 52mm hexagonal width 45mm i/c making case hardening & tempering complete bolts as per instruction of Engineer Incharge.	50	Nos	3,047	Each	152,350.00	3,500	175,000

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Name of Work: REPAIR / RECONDITIONING OF 700MM DIA NON-RETURN VALVE OF PUMP NO.1 OF 4TH PHASE PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s.Saim & Co.			
		Quantity	Rate	Per	Amount	Rate	Amount	
14	Local Mfg. of Special size Nut from high Carbon high tensile steel rod, from 52mm dia shaft & length 32mm i/c machining from outer side & making bore 30mm i/c making thread at inside the bore American thread having pitch of thread 3mm, depth of thread 1.5mm i/c making hexagonal shape from out side, height of Nut 45mm width of Nut 30mm, corner to corner length 52mm i/c case hardening tempering as per instruction of Engineer Incharge.	50	Nos	2,186	Each	109,300.00	2,500	125,000
15	Supply & Manufacturing of washer from high carbon steel having outer dia 60mm, Inner dia 35mm, thickness of washer 3mm as per instruction of Engineer Incharge.	100	Nos	211	Each	21,100.00	242	24,200
16	Loading, Un-loading and transportation charges from Dhabeji to karachi site area & back Karachi to Dhabeji Pump House.	1	Job	12,000	P/Job	12,000.00	13,800	13,800
	TOTAL QUOTED / CORRECTED BID COST					1,564,218		1,797,320


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


 (Maqsood Ahmed Shaikh)
 Superintending Engineer (KMC)
 Member


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


 (Abdul Raheem Khattar)
 Chief Engineer (IPD)
 Convener

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

Description of work: SERVICING / OVERHAULING OF 11 KV 1050 KW, 69AMPS AEG ELECTRIC MOTOR NO.3 OF 3RD PHASE PUMP HOUSE, DHABEJI

Date of Opening: 13-05-2015

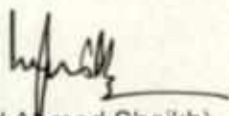
BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

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


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Wahid Khan)
Chief Engineer (IPD)
Convener

NIT Sr. No. SPPRA Serial No. 23881

Method of Procurement: Single Stage Single Envelope.

Name of Work: SERVICING / OVERHAULING OF 11 KV 1050 KW, 69AMPS AEG ELECTRIC MOTOR NO.3 OF 3RD PHASE PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 13-05-2015 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.

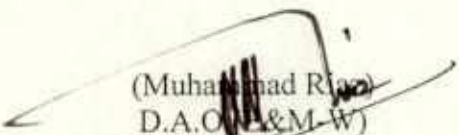
(Attendance sheet is enclosed).


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

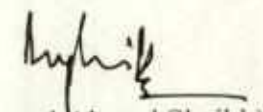
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s.Hamza Associates	Rs.12,76,200/-	Rs.28,500/-	P.O # 11639819 dt: 06-05-2015 from HBL Sindh Secretariat Branch Karachi
2.	M/s.Riaz & Co.	Rs.12,85,458/-	-	Pay Order not Attached


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


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


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Rahim 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:	KW&SB/DPR/2015/56 & INF-KRY-1553/15 published in daily "City News" dt: 24-04-2015 daily "Jahan-e-Pakistan" "Dunya" & "Hilal-e-Pakistan" dt: 25-04-2015. SPPRA Serial No.23881 I.D No. /2015
3	Tender Description/Name of Work/Item:	SERVICING / OVERHAULING OF 11 KV 1050 KW, 69AMPS AEG ELECTRIC MOTOR NO.3 OF 3RD PHASE PUMP HOUSE, DHABEJI
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press / SPPRA Web Site</u>
6	Total Bid Documents Sold:	<u>2 Nos</u>
7	Total Bid Received:	<u>2 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>01 No</u>
11	Financial Bid Opening Date:	13-05-2015

12 BID EVALUATION REPORT

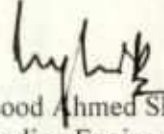
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Hamza Associates	Rs.12,76,202/-	1 st Lowest	@14.992% Above	Pay order and other required documents are attached. P.O # 11639819 dt: 06-05-2015 Rs.28,500/- from HBL Sindh Secretariat Branch Karachi	Substantially Responsive
2.	M/s.Riaz & Co.	Rs.12,85,458/-	-	@15.826% Above	Pay order and other required documents are not attached.	Un Responsive

The all concerned bidders are being informed accordingly.

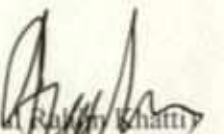
The E.E Concerned for compliance of Rule-45 of SPPRA 2010 M/s.Hamza Associates declared as the lowest responsive bidder by the Committee and recommended for sanction from Competent Authority.


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Rauf Khattar)
Chief Engineer (IP&D)
Convener

COMPARATIVE STATEMENT

Name of Work: SERVICING / OVERHAULING OF 11 KV 1050 KW, 69AMPS AEG ELECTRIC MOTOR NO.3 OF 3RD PHASE PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s.Hamza Associates		
		Quantity	Rate	Per	Amount	Rate	Amount
1 (A)	Servicing and overhauling of H.T 11 K.V, 1050 KW 69 amps. Induction Motor (AEG Germany made) with the following work: Removal of Motor shaft couplings.	1 Job	10,275	P/Job	10,275.00	11,816	11,816
(B)	Dismantling & shifting of Motor from bed and dismantling of complete Motor parts, Top & Bottom covers Exhaust fans and dismantling of Rotor assembly complete as per instruction of Engineer Incharge.	1 Job	17,674	P/Job	17,674.00	20,325	20,325
(C.)	Complete washing, cleaning of Rotor, Stator Windings with highly vapourising Carbon Teta Chloride i/c drying of windings in vacuum oven, testing of winding at room temperatur including Impregnation of winding with Class "F" insulation i/c final heating and drying vacuum oven and static facing of windings as per instruction of Engineer Incharge.	1 Job	413,477	P/Job	413,477.00	475,498	475,498
(D)	Dismantling, Servicing, Decarbonising and cleaning of Stator Terminal Boxes, Cable Ends, Cable Glands, Terminal studs and Bushings, Spacer Heater Temperature Sensors, Earth terminals and protection conductors with C.T.C and drying complete i/c replacement of connectors i/c re-installation as per instruction of Engineer Incharge.	1 Job	4,266	P/Job	4,266.00	4,905	4,905
2	Servicing of Heating Radiating Tubes 177 Nos of 38mm dia 2134mm in length by complete washing, cleaning with CTC and drying by heater blower i/c Repair / Reconditioning of Tubes by brazing from Top to Bottom side as per instruction of Engineer Incharge.	1 Job	22,700	P/Job	22,700.00	26,105	26,105
3	Repair / Reconditioning of Cooling Exhaust fan having Outer dia = 910mm, ID=590mm having 12 Nos Concave type vanes width of Fan 130 mm shaft Dia bore 125mm, outer dia 180 mm including Redressing the shape of fans and balancing for vibration free operation upto 1000RPM as per instruction of the Engineer Incharge.	2 Jobs	32,196	P/Job	64,392.00	37,025	74,050
4	Repair & Reconditioning of Motor Cupling having Top side dia = 560mm, width = 75mm, internal dia 160mm from bottom side Outer Dia 320mm height 145mm, i/c buffing polishing as per instruction of the Engineer Incharge.	1 Job	35,825	P/Job	35,825.00	41,198	41,198
5	Repair & Reconditioning of Pump coupling Top side O.D = 560mm, height = 85mm, from bottom side O.D=260mm height 140mm, I.D (Shaft dia) 100mm, length 225mm i/c buffing polishing complete as per instruction of Engineer Incharge.	1 Job	35,825	P/Job	35,825.00	41,198	41,198






Name of Work: SERVICING / OVERHAULING OF 11 KV 1050 KW, 69AMPS AEG ELECTRIC MOTOR NO.3 OF 3RD PHASE PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s. Hamza Associates			
		Quantity	Rate	Per	Amount	Rate	Amount	
6	i) Vibration Analysis of H.T Motor with load (coupled with Pump) and without load (uncoupled). ii) Vibration analysis of H.T Motor without Exhaust fan and bottom Exhaust fan from motor rotor by full RPM 1000. iii) Repair / Reconditioning of Rotor shaft dia at Top 140 mm and 170mm at Bottom with Length = 2743mm i/c dynamic balancing of Rotor shaft and fixing exhaust fans upper and lower at 975-1000RPM and commissioning of Motor.	1 Job	445,044	P/Job	445,044.00	511,800	511,800	
7	Assembling of complete Motor parts Covers Upper and Lower Exhaust Fans Upper & Lower Locking washer i/c installation of Motor Bed fastening the foundation bolts and making connections of H.T Cables, Spacers Heaters, Temperature Sensors, Relays and testing as per instruction of Engineer Incharge.	1 Job	18,000	P/Job	18,000.00	20,700	20,700	
8	Re-Installation of Motor and Pump Shaft couplings on shafts and fastenings the bolts as per instruction of Engineer Incharge.	1 Job	10,175	P/Job	10,175.00	11,701	11,701	
9	Scraping, brushing and removing Old paints from metal surface.	1085 Cft	605	%Sft	6,564.25	695	7,541	
10	Painting Guards bars, gate, iron bars, grating, railing including, standard braces (etc) and similar open work.	i)	1085 Cft	371.80	%Sft	4,034.03	427	4,633
		ii)	1085 Cft	302.80	%Sft	3,285.38	345	3,743
		iii)	1085 Cft	302.80	%Sft	3,285.38	345	3,743
11	Transportation, Loading & Un-loading charges from Dhabeji Pump House to Karachi & back Karachi to Dhabeji Pump House.	1 Job	15,000	P/Job	15,000.00	17,246	17,246	
	TOTAL QUOTED / CORRECTED BID COST				1,109,822		1,276,202	

(Muharib Riaz) (Saif-ul-Haque)
D.A.O (E&M-W) Additional Director Internal
Member / Secretary Audit - KMC Member

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

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

(Abdul Rahim Khattak)
Chief Engineer (PD)
Convener

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

Description of work: REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI

Date of Opening: 13-05-2015


BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

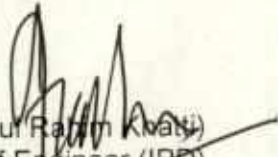
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		M/s. Hamza Associates	M/s. Riaz & Co.
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	Yes
3.	Sales Tax Registration	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	No
	Qualification Criteria:		
5.	Minimum three years' experience of relevant field.	Yes	Yes
6.	Turnover of at least last three years	Yes	Yes
7.	Required Bid Security is attached.	Yes	No
8.	Bid is signed, named and stamped by the authorized person of the firm along with Authorization letter.	Yes	Yes
9.	Any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44	N/A	N/A
10.	Qualified/ disqualified	Qualified ✓	Disqualified


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Rauf Khattak)
Chief Engineer (IPD)
Convener

NIT Sr. No. SPPRA Serial No. 23881

Method of Procurement: Single Stage Single Envelope.

Name of Work: **REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI**

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 13-05-2015 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.


(Attendance sheet is enclosed).


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

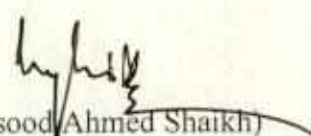
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s. Hamza Associates	Rs.16,68,674/-	Rs.33,400/-	P.O # 11639867 dt: 11-05-2015 from HBL Sindh Secretariat Branch Karachi
2.	M/s. Riaz & Co.	Rs.16,79,984/-	-	Pay Order not Attached


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


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


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


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


(Maqsood Ahmed Shaikh)
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Chief Engineer (E&M-W)
Member


(Abdul Rahim 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:	KW&SB/DPR/2015/56 & INF-KRY-1553/15 published in daily "City News" dt: 24-04-2015 daily "Jahan-e-Pakistan" "Dunya" & "Hilal-e-Pakistan" dt: 25-04-2015. SPPRA Serial No.23881 I.D No. /2015
3	Tender Description/Name of Work/Item:	REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press / SPPRA Web Site</u>
6	Total Bid Documents Sold:	<u>2 Nos</u>
7	Total Bid Received:	<u>2 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>01 No</u>
11	Financial Bid Opening Date:	13-05-2015

12 BID EVALUATION REPORT

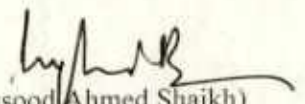
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Hamza Associates	Rs.16,68,674/-	1 st Lowest	@14.997% Above	Pay order and other required documents are attached. P.O # 11639867 dt: 11-05-2015 Rs.33,400/- from HBL Sindh Secretariat Branch Karachi	Substantially Responsive
2.	M/s.Riaz & Co.	Rs.16,79,984/-	-	@15.776% Above	Pay order and other required documents are not attached.	Un Responsive

The all concerned bidders are being informed accordingly.


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


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

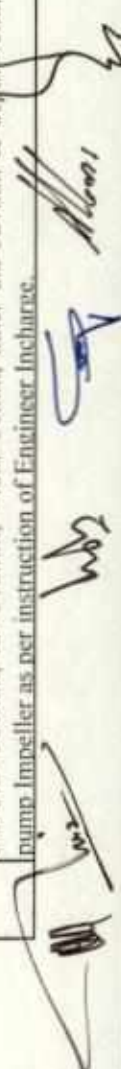

(Noor Muhammad Chohan)
Chief Engineer (E&M-W)
Member


(Abdul Rahim Khatt)
Chief Engineer (IPD)
Convener

COMPARATIVE STATEMENT

Name of Work: REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s.Hamza Associates		
		Quantity	Rate	Per	Amount	Rate	Amount
1	Disconnection of Electric connection from Motor Panel i/c heater, bearing Temperature connection from motor.	1	Job	P/Job	1,275.00	1,466	1,466
2	Dismantling & pull out of H.T. Motor from Pump basement.	1	Job	P/Job	2,700.00	3,105	3,105
3	Removal of Pulley from Pump shaft with the help of Hydraulic puller machine & oxygen acetylene flame as per instruction of Engineer In charge.	1	Job	P/Job	15,300	17,595	17,595
4	Removal of Pump casing after dismantling all Nuts from pump casing in half portion.	1	Job	P/Job	5,550	6,382	6,382
5	Pull out complete pump i/c shaft from pump section 25ft depth as per instruction of E/I.	1	Job	P/Job	1,950	2,242	2,242
6	Removal of Bearing housing from pump base / bed from the drive end side with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I.	1	Job	P/Job	15,300	17,595	17,595
7	Removal of Bearing Housing from Impeller shaft with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer in charge.	1	Job	P/Job	15,300	17,595	17,595
8	Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge.	2	Jobs	P/Job	15,300	17,595	35,190
9	Removal of Impeller from the Pump shaft with the help of heavy duty Hydraulic pressure machine and oxygen acetylene flame without changing the shape of Impeller by highly skilled workers as per instruction of Engineer Incharge.	1	Job	P/Job	22,850	26,277	26,277
10	Removal of Upper Sleeve & Lower Sleeve from the Pump shaft with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I	2	Jobs	P/Job	15,300	17,595	35,190
11	Removal of Protective Pump casing ring from pump casing with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of E/I.	2	Jobs	P/Job	15,300	17,595	35,190
12	Local Manufacturing of pump Casing Protective Ring of KSB pump type RDLV 700-820A from Manganese Bronze by casting from free air pocket, having composition Copper 58% Tin 1%, Lead 2% Iron, 1% Manganese 0.25%, aluminum 2% and Zinc 37.55% with casting size OD=600mm, ID=475mm, height 110mm, having finished size dia 550mm, ID=495mm, width / depth complete curve side 55mm, making inner dia from Neck Ring side 551mm, depth 40mm i/c making collar at half portion of ring 5mm depth & width at outer dia of ring a tcenter for holding purpose of ring at pump casing i/c fixing the ring on pump casing as per instruction of Engineer Incharge.	2	Nos	Each	163,445	187,961	375,922
13	Local Mfg. of Impeller Protective Ring of KSB Pump type RDLVE 700-820A from alloy stainless steel by casting from free air pocket & Air bubble having composition stainless steel 65%, Carbon 5% lead 3%, Iron 22%, Cadmium 2%, Cabalt 1%, Silicon 2% with casting size dia O.D.=560mm, ID=512mm, width=50mm, inner dia 527mm & depth 40mm i/c fixing on pump Impeller as per instruction of Engineer Incharge.	2	Nos	Each	53,775	61,848	123,696



Name of Work: REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost				M/s.Hamza Associates		
		Quantity	Rate	Per	Amount	Rate	Amount	
14	Local Mfg. fo Pump Shaft Protective Sleeve of Lower KSB Pump type RDLV 700-820A from stainless steel type AISI 316 (Pharmeceutical foog grade) solid shaft having finished size outer dia 165mm & making inner dia 145mm and length 262mm making inside sleeve dia 148mm at a distance from upper & lower side 75mm i/c making key slot 10mm, depth length of slot 45mm, width 9mm as per instruction of Engineer Incharge i/c fixing of Sleeve in Pump shaft by Heating & press fit process.	1	No	73,997	Each	73,997.00	85,096	85,096
15	Local Mfg. fo Pump Shaft Protective Sleeve of Lower KSB Pump type RDLV 700-820A from stainless steel type AISI 316 (Pharmeceutical foog grade) solid shaft having finished size outer dia 165mm & making inner dia 145mm and complete length 515 mm and inside sleeve dia 148mm at a distance from upper & lower side 75mm i/c making key slot at inner side 10mm depth, width of slot 10mm, Length of slot 45mm i/c fixing of pump shaft by heating & press fit process as sample & instruction of Engineer Incharge..	1	No	138,605	Each	138,605.00	159,395	159,395
16	Repair & Reconditioning of Pump shaft bearing housing & having cover plate by method of welding process having finished size OD=290mm, Inner dia = 230mm, depth =45mm i/c buffing polishing complete.	1	Job	61,150	P/Job	61,150.00	70,322	70,322
17	Local Mfg. of Nut & Bolts for Shaft coupling from S.S Solid Shaft having outer dia 1.7 & Length 6" making machining outer dia 25mm & length 120mm, i/c making american thread on its 24mm complete length 120mm i/c making both head hexagonal shape length 25mm each hexagonal shape width 10mm as per sample i/c making nuts with 1.75" dia S.S Solid Shaft length 1" making inside same dia 25mm & making thread inside 24mm complete i/c making hexagonal shape at other dia each side width =10mm & length 25mm as per sample & instruction of Engineer Incharge.	6	Nos	6,594	Each	39,564.00	7,583	45,498
18	Local Mfg. of Nut & Bolts for Shaft coupling from Stainless Steel Solid Shaft having outer dia both 38mm & length 115mm i/c making dia bolt 20mm & length 75mm i/c American Thread and in it 20mm complete length 75mm i/c making hexagonal head at 25mm height each hexagonal head at 10mm i/c making nut, with same dia solid shaft making hexagonal shape each side width 10mm and length 125mm & making inside American thread 25mm as per sample & instruction of Engineer Incharge.	10	Nos	4,679	Each	46,790.00	5,380	53,800
19	Making key of protective sleeve from Stainless steel having finished size height 20mm, width 10mm & length 40mm as per sample.	2	Nos	300	Each	600.00	345	690
20	Fixing of the Impeller on re-built Pump shaft with the help of hydraulic press machine & oxygen acetylene flam as per instruction of E/Incharge.	1	Job	23,100	P/Job	23,100.00	26,565	26,565
21	Balancing of Pump shaft dynamically after fixing of Impeller on the Pump shaft as per instruction of E/Incharge.	1	Job	67,000	P/Job	67,000.00	77,050	77,050



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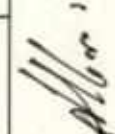
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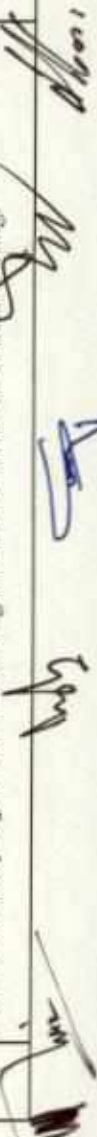
Name of Work: REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s. Hamza Associates			
		Quantity	Rate	Per	Amount	Rate	Amount	
22	Local Mfg. and Fixing of spacer ring for Impeller Pump Shaft from 152mm dia length 25mm after machining finished size OD=140mm, ID=130mm and height 20mm i/c grinding, polishign & fixing at pump shaft near bearing portion.	1	No	5,309	Each	5,309.00	6,105	6,105
23	Local Mfg. of Shaft coupling stud form high Carbon high tensile solid shaft outer dia 25mm length 88mm i/c machining & meking 'V' Shape thread at outer dia 12mm complete length 88mm i/c making nuts from 20mm solid shaft making inner hole 15mm dia & making 'V' Shape at outer dia each side hexagonal 7mm width as per instruction of Engineer Incharge.	12	Nos	350	Each	4,200.00	402	4,824
24	Providing / Fixing lock spring MB-26 for Bearing No.6326 C_3 Branded SKF as per instruction of E/Incharge.	1	No	2,500	Each	2,500.00	2,875	2,875
25	Providing / Fixing of 20mm x 20mm each 4 side Teflon Gland packing, high pressure, high temperature resistant (Imported) as per instruction of E/Incharge.	5	Kg	2,000	P/Kg	10,000.00	2,300	11,500
26	Providing of USA made DADDEX Jointing solution at the site .	1	Kg	1,500	P/Kg	1,500.00	1,725	1,725
27	P/F of 0.5mm Kilingrite fiber Paper sheet England made having Width: 1 Meter after cleaning / rubbing of old sheet pieces from the pump casing surface of both pump casing as per instruction E/incharge	5	Mtr	1,043	P/Mtr	5,215.00	1,199	5,995
28	Supply of Cotton Waste (White bleached) 100 Lbs.	100	Lbs	60	P/Lbs	6,000.00	69	6,900
29	Fixing of complete Pump Impeller Shaft at lower pump room & fitting of 48 Nos. Nuts of pump casing leak proof as per instruction of E/Incharge.	1	Job	8,300	P/Job	8,300.00	9,545	9,545
30	Fixing of Intermediate shaft of 35 MGD KSB Pump with Impeller shaft by coupling bush with zero alignment as per origin tight fit Nuts & Bolts.	1	Job	5,905	P/Job	5,905.00	6,790	6,790
31	Fixing of Pulley of Pump shaft by the help of Hydraulic pressure machine and oxygen acetylene flame	1	Job	16,650	P/Job	16,650.00	19,147	19,147
32	Local Mfg. & fixing of Chuck Nut / Lock Nut with locking washer device of Specific feather to with Stand against dynamic stress on the Pump set during operation with vanadium Pharmeceuticla shaft from 178mm dia, length 37mm, finished size OD=170mm, ID=128mm width 35mm having chamfered at one end side 60° at Corner length 10mm i/c making square groove fro gripping 06 Nos i/c tempering & hardening as per instruction of E/Incharge.	1	Job	28,399	P/Job	28,399.00	32,658	32,658

Name of Work: REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI

Item No	Description of Work	Estimated Cost			M/s.Hamza Associates			
		Quantity	Rate	Per	Amount	Rate	Amount	
33	Local Mfg. of Rubber lined bearing bush from phosphorus bronze material having OD=240mm, ID=170mm & length 260mm by centrifugal casting free to air bubble / air pocket with finished outer dia 210mm, ID=185mm, length 230mm i/c making collar at one end dia 220mm, width 10mm i/c making step cutting between outer bush dia 208mm, length 120mm i/c making inside bush groove cut for gripping rubber line each distance 20mm, depth 3mm V shape i/c making 2 hole at collar bottom side & thread in hole 10mm & rigid fixing of Butyl Rubber compound lining having resistance temperature, workable to water lubricants & capable to afford & friction by compressed molding process inside the bronze bush having outer dia 185mm, inner dia 160mm, & length 250 i/c making groove square shape at rubber line 10 Nos each and equal distance 6mm width, 7mm depth at complete length 240mm for passing water lubricants as per instruction of Engineer Incharge.	1	No	120,299	Each	120,299.00	138,343	138,343
34	Local Mfg. of Water throat ring of KSB Pump from special phosphorus bronze manganese with centrifugal casting having OD=230MM, ID=147mm, length 46mm i/c making finished size with collar dia from out side 190mm, inner collar dia 152mm, complete overall dia 210mm, ID 162mm, collar thickness 5mm both side, total width 36mm i/c making two slots 5mm width & 5mm depth i/c making 06 hole 13mm dia each & equal distance at thread dia as per instruction of Engineer Incharge.	1	No	25,016	Each	25,016.00	28,768	28,768
35	Local Mfg. of Gland lantern Neck Ring of KSB Pump from special phosphorus bronze manganese with centrifugal casting having OD=230, ID=147mm, width = 25mm & making / polishing having OD=210mm, & ID=162mm, width 15mm as per instruction of E/Incharge.	1	No	12,076	Each	12,076.00	13,887	13,887
36	Local Mfg. of Bearing housing ceramic seal having OD=132mm, ID=116mm, & width upper side = 8mm both corner side chamfered at 60° and bottom side outer dia 124mm as per instruction of E/Incharge.	1	No	14,575	Each	14,575.00	16,761	16,761
37	Local Mfg. of Ceramic seal for shaft sleeve, having OD=151mm, ID=141mm, having seal cross sectional dia 5" as per instruction of Engineer Incharge.	2	Nos	7,312	Each	14,624.00	8,408	16,816
	i) Providing pure Stainless Steel Nut s& Bolts i/c washer 'M' Brand size 15mm to 25mm.	15	Kg	725	P/Kg	10,875.00	833	12,495
	ii) Providing Lubricant Speical Grease LGHP 2/1 High performance Polyurea temp 302°F / 150°C, SKF Brand for newly filled grease on Bearings.	10	Kg	1,500	P/Kg	15,000.00	1,725	17,250
38	Fixing of Motor at Pump base frame after removing the corrosion & ruff surface without disturbing orign surface & making connection of H.T electric cable at motor panel and also connect the bearing temperature, heater temperature connection by removing & finished carbon all lead terminal motor from C.T.C i/c coupling the motor pulley & pump pulley ith accurate accuracy digital level indicating m/c free to vibration & noise testing.	1	Job	47,111	P/Job	47,111.00	54,177	54,177




**Name of Work: REPAIR / MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF
WORN OUT PARTS OF K-3 PUMP HOUSE, DHABEJI**

Item No	Description of Work	Estimated Cost			M/s.Hamza Associates		
		Quantity	Rate	Per	Amount	Rate	Amount
38 (i)	Scraping, Brushing and removign Old Paint from metal surface.	800 Sft	605	%Sft	4,840.00	695	5,560
39 (ii)	Painting Guards, Bars, Gates, Iron Bars, Grating railing i/c standard braces etc and similar open work.	800 Sft	371.80	%Sft	2,974.40	427	3,416
	1st Coat	800 Sft	302.80	%Sft	2,422.40	347	2,776
	2nd Coat						
40	Transportation, loading & un-loading charges at Dhabaji to Karachi different workshop at Karachi and back to Dhabaji Pump House i/c loading & unloading.	1 Job	30,000	P/Job	30,000.00	34,500	34,500
	TOTAL QUOTED / CORRECTED BID COST				1,451,062		1,668,674


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Raheem)
Chief Engineer (E&M-W)
Convener