

## KARACHI WATER & SEWERAGE BOARD OFFICE OF THE DIRECTOR (DESIGN & ESTIMATE) BID EVALUATION REPORT

1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/64/2018 Published in daily "The Express Tribune", "Ummat" & daily "Sach" dt: 22-03-2018. SPPRA Serial No.37439 I.D No.
3	Tender Description/Name of Work/Item:	P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT & LOCAL MFG. OF BEARING SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press / SPPRA Web Site
6	Total Bid Documents Sold:	<u>02 Nos</u>
7	Total Bid Received:	<u>02 Nos</u>
8	Technical Bid Opening Date (if applicable):	N/A
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	NIL
11	Financial Bid Opening Date:	17-04-2018

### 12 BID EVALUATION REPORT

S#	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Al-Rehman Construction & Contractor	Rs.22,62,260/-	1 <sup>st</sup> Lowest	@14.969% Above	Pay Order and other documents are attached. P.O # 14527418 dt:16-04-2018 Rs.46,000/from HBL Shaheed-e-Millat Road Branch Karachi	Substantially Responsive
	M/s.Hawan Construction Co.	Rs.23,19,100/-	2 <sup>nd</sup> Lowest	@17.857% Above	Pay Order and other documents are attached. P.O # 18541268 dt:16-04-2018 Rs.47,000/-from HBL Community Centre PECHS Branch Karachi	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

(Muhammad Hanif) D.A.O (P&F)-I Circle Member / Secretary

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

(Intekhab Ahmed Rajput)

S.E (P&P)-I Member (Munir Ahmed Bhatti)
Director (Design & Estimate)

## O<sub>NIT No.SPPRA Serial No.37439</sub>

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

Description of work:

P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT

& LOCAL MFG. OF BEARING SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP

HOUSE, DHABEJI.

Date of Opening:

17-04-2018

## **BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT**

Eligibility/ Qualification Criteria:

		Bidder	s' Name
S. No.	Eligibility / Qualification Criteria	M/s.Al-Rehman Const. & Contractor	M/s.Hawan Construction Co.
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	Yes
3.	Sales Tax Registration (FBR)	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes
	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	Yes
8.	Bid is signed, named and stamped by the authorized person of the firm along with Authorization letter.	Yes	Yes
9.	Any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44	N/A	N/A
10.	Qualified/ disqualified	Qualified	Qualified

(Muhammad Hanif) D.A.O (P&F)-I Circle

Member / Secretary

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

(Magsood Ahmed Shaikh) Superintending Engineer (KMC)

Member

(Intekhab Ahmed Rajput)

S.E (P&F)-I Member

(Munir Ahmed Bhatti) Director (Design & Estimate)

NIT Sr. No. SPPRA Serial No.37439

Method of Procurement:

Single Stage Single Envelope.

Name of Work:

P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT & LOCAL MFG. OF BEARING SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.

## MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department was held on 17-04-2018 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. (Attendance sheet is enclosed).

- 2. Two bidders submitted their bids till the deadline of submission.
  - i. M/s. Al-Rehman Construction & Contractor
  - ii. M/s. Hawan Construction 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.Al-Rehman Construction & Contractor	1	Rs.46,000/-	P.O # 14527418 dt:16-04-2018 from HBL Shaheed-e-Millat Road Branch Karachi
2.	M/s.Hawan Construction Co.	Rs.23,19,100/-	Rs.47,000/-	P.O # 18541268 dt:16-04-2018 from HBL Community Centre PECHS Branch Karachi

- 4. The one bid contain cutting and overwriting duly signed.
- 5. The committee shall examine all the bids as per the qualification / eligibility criteria provided in the bidding document and verify the documents and bid security submitted by the bidders (if required).

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

(Muhammad Hanif) D.A.O (P&F)-I Circle

Member / Secretary

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

(Intekhab Ahmed Rajput) S.E (P&F)-I

Member

(Munir Ahmed Bhatti)
Director (Design & Estimate)
Convener

## COMPARATIVE STATEMENT

## SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI. Name of Work: P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT & LOCAL MFG. OF BEARING

3 Loca dia & 12" (i/c 1 com) 0.31"	Carb bottu cutti with sleev bear dia o	(g). Wei	(f). Up I					(a) Vibr	l Prov		Item No
Local Mfg. of Shell coupling from stainless steel shaft size 71/2" dia & length 15" i/c machining for making outer dia 7" & length 12" & making Internal bore having dia 4" throughout length 12" i/c machining, polishing & making key way at internal dia complete length 12", width of key slot 1.10", depth of key way 0.31" i/c cutting in half portion each & equal distance i/c making 0.55" dia hole 16Nos. & making thread 8mm, 08Nos. holes i/c making counter sunk hole 1.33 dia from outer of shell at each 0.55" dia hole i/c fixing with intermediate shaft as per	Locals Mfg. of Intermediate bearing housing Sleeve from High Carbon Steel 254mm dia & length 305mm i/c machining at bottom side having dia 170mm and length 305mm i/c step cutting making dia 238mm height 10mm i/c other step cutting with groove depth 5mm width 16mm with dia 250mm i/c making sleeve portion dia 150mm length 188mm with buffing polishing bearing dia 150mm ± .001 % i/c making internal bore 130mm dia complete length 220mm i/c buffing polishing making key slot 10x5x75mm height as per instruction of Engineer inchage.	Weight / Shims / Lubricants of SKF Charges.	Up Down of SKF Certified Engineer (02 Days).	Transportation charges of all equipments (Loading / un-loading)	Service fee for Bearing mounting & dis-mounting.	Service fee for Laser alignment / checking.	Dynamic Balancing service Fee. (with Intermediate Shaft)	Vibration analysis Service Fee	Providing Bearing No.22330 CC/W33 in SKF Brand of		Description of Work
- 00 <u>-</u> 5	1.00 Job	1.00 Jol					,		1.00 No	Quantity	
Aob 173854 00	76330.00	Job 29600.00	36000.00	Job 35000.00	Job 85000.00				210700.00	Rate	Estimated
P/Job	P/Job	P/Job	P/Job	P/Job	P/Job	P/Job	P/Job	p/Ioh	표 *** /	Per	l Cost
P/Job 173,854.00	76,330.00	<b>29,600.00</b>	36,000.00	35,000.00	ד	<b>498,000.00</b>	P/Job 165,000.00	P/Ich < 90 000 00 1/03500 00	10 700 00	Amount	
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199900.00 199,900.00	87,770.00	34,000.00	141,400.00	40,250.00	97,750.00	112,700.00	- 1	103,500 00	242 300 00	Amount	M/s.Al-Rehman Const. & Contractor
	90000.00	34900.00	42400.00	41000.00	100000.00	115600.00	194700.00	106200 00	248600.00	Rate	M/s. Constru
205000.00 205,000.00	90,000.00	34,900.00	42,400.00	41,000.00				106 200 00	248600.00   248 600 00	Amount	M/s.Hawan Construction Co.

# Name of Work: P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT & LOCAL MFG. OF BEARING SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.

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complete holt as ner instruction of Engineer incharge	head 15mm & making head treatment of case hardening	head size 1.25", hexagonal head each length 20mm, width of	making hexagonal head at 1.25" dia & length 1" Cross sectional	thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm 1/c	throad 1 5mm Addandim 0 75mm & dodandim 0 75mm 3/a	making thread 12 TPI length 3", pitch of thread 2.5mm, depth of	machining other step dia for making 1.25" & length 0.5" i/c	from outside making dia outer 0.787" & length 3", and	steel Imported having size OD=1.5"& Length 4", machining	Local Mfg. of Special type Bolt from High Carbon high tensile	incharge.	housing pump / motor bed by instruction of the Engineer	of housing bore $\pm$ 0.001 for bearing outside i/c fixing the	shaft hole dia 5.51" & width 1" i/c polishing buffing from inside	5.07" & making step clearance dia 9.76" & length 1.14", making	i/c making internal bore from inside bore dia 11.42" & length	1",,, making other step dia from outside 13.78" & length 5.43"	outside, making collar having outer dia 18.11" & width of collar	casting size OD=24" ID=7" Length 10" i/c machining from	RDLV-600-830A from Cast iron grade SG Iron 300-500 having	Local Mfg. Bearing housing of Pump Bed for KSB Pump type		Description of Work	
											1.00 Job											Quantity		
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10.00											624000.00											Rate	Constru	I.s/M
											624,000.00	- <del>-</del>										Amount	ction Co.	M/s.Hawan
	complete bolt as per instruction of Engineer incharge.	hardening									Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5% Length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 12 TPI length 3", pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head each length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as per instruction of Engineer incharge.	incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5% Length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 12 TPI length 3", pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head each length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as per instruction of Engineer incharge.	housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.57% Length 47, machining from outside making dia outer 0.7877 & length 37, and machining other step dia for making 1.257 & length 0.57 i/c making thread 12 TPI length 37, pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.257 dia & length 17 Cross sectional head size 1.257, hexagonal head treatment of case hardening complete bolt as ner instruction of Engineer incharge.	of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5% Length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head each length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as per instruction of Engineer incharge.	shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5" & Length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head cach length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as per instruction of Engineer incharge.	5.07" & making step clearance dia 9.76" & length 1.14", making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5" & Length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 1.5 TPI length 3", pitch of thread 2.5 mm, depth of thread 1.5 mm, Addendum 0.75 mm & dedendum 0.75 mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head cach length 20 mm, width of head 15 mm & making head treatment of case hardening complete bolt as per instruction of Engineer incharge.	i/c making internal bore from inside bore dia 11.42" & length 5.07" & making step clearance dia 9.76" & length 1.14", making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5" & length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 12 TPI length 3", pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head cach length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as ner instruction of Engineer incharge.	1",, making other step dia from outside 13.78" & length 5.43" i/c making internal bore from inside bore dia 11.42" & length 5.07" & making step clearance dia 9.76" & length 1.14", making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5" & length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making hread 12 TPI length 3", pitch of thread 2.5mm, depth of thread 15mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head treatment of case hardening complete bolt as per instruction of Engineer incharge.	outside, making collar having outer dia 18.11" & width of collar 11", making collar having outer dia 18.11" & width of collar 11", making other step dia from outside 13.78" & length 5.43" i/c making internal bore from inside bore dia 11.42" & length 1.14", making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5"& Length 4", machining offer step dia for making 1.25" & length 0.5" i/c making thread 12 TPI length 3", pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head aceh length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as per instruction of Engineer incharge.	casting size OD=24" ID=7" Length 10" i/c machining from outside, making collar having outer dia 18.11" & width of collar 1", making other step dia from outside 13.78" & length 5.43" i/c making internal bore from inside bore dia 11.42" & length 5.07" & making step clearance dia 9.76" & length 1.14", making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5" & length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 3", and machining thread 12 TPI length 3", pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head each length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as ner instruction of Engineer incharge.	RDLV-600-830A from Cast iron grade SG Iron 300-500 having casting size OD=24" ID=7" Length 10" i/c machining from outside, making collar having outer dia 18.11" & width of collar 1", making collar having outer dia 18.11" & width of collar 1", making collar having outer dia 11.42" & length 5.43" i/c making internal bore from inside bore dia 11.42" & length 1.50" & making step clearance dia 9.76" & length 1.14", making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for bearing outside i/c fixing the housing bore ± 0.001 for making 1.25" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 1.27" dia & length 1.50" i/c making thread 1.27" dia & length 1.50" i/c making head it 1.25" dia & length 1.50" i/c making head it length 20mm, width of thread 1.50mm & making head treatment of case hardening comblete bolt as ner instruction of Engineer incharge.	Local Mfg. Bearing housing of Pump Bed for KSB Pump type RDLV-600-830A from Cast iron grade SG Iron 300-500 having casting size OD=24" ID=7" Length 10" i/e machining from outside, making collar having outer dia 18.11" & width of collar 1" making other step dia from outside 13.78" & length 5.43" i/e making internal bore from inside bore dia 11.42" & length 5.07" & making step clearance dia 9.76" & length 1.14", making shaft hole dia 5.51" & width 1" i/e polishing buffing from inside of housing bore ± 0.001 for bearing outside i/e fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5"& Length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 3", i/e making thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/e making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head treatment of case hardening complete bolt as ner instruction of Engineer incharge.	Local Mfg. Bearing housing of Pump Bed for KSB Pump type RDLV-600-830A from Cast iron grade SG Iron 300-500 having casting size OD=24" ID=7" Length 10" i/c machining from outside, making collar having outer dia 18.11" & width of collar 11",, making other step dia from outside 13.78" & length 5.43" i/c making internal bore from inside bore dia 11.42" & length 5.07" & making step clearance dia 9.76" & length 1.14" making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5"& Length 4", machining from outside making dia outer 0.787" & length 3", and machining other step dia for making 1.25" & length 0.5" i/c making thread 12 TPI length 3", pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm & dedendum 0.75mm i/c making hexagonal head at 1.25" dia & length 1" Cross sectional head size 1.25", hexagonal head teatment of case hardening complete bolt as ner instruction of Engineer incharge.	Description of Work  Local Mfg. Bearing housing of Pump Bed for KSB Pump type RDLV-600-830A from Cast iron grade SG Iron 300-500 having casting size OD=24" ID=7" Length 10" i/c machining from outside, making other step dia from outside 13.78" & length 5.43" i/c making internal bore from inside bore dia 11.42" & length 5.07" & making step clearance dia 9.76" & length 1.14", making shaft hole dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 0.001 for bearing outside i/c fixing the housing pump / motor bed by instruction of the Engineer incharge.  Local Mfg. of Special type Bolt from High Carbon high tensile steel Imported having size OD=1.5" & length 3", and machining other step dia for making 1.25" & length 0.3" i/c making thread 1.5 mm, Addendum 0.75mm & dedendum 0.75mm i/c making thread 1.5 mm, Addendum 0.75mm & length 1" Cross sectional head size 1.25", hexagonal head each length 20mm, width of head 15mm & making head treatment of case hardening complete bolt as ner instruction of Fineineer incharge.

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# Name of Work: P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT & LOCAL MFG. OF BEARING SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.

∞.	7	6	Item No
Local Mfg. of special type Nut for Motor Bed from .S. Imported shaft having size 2" dia outer & length 1.5" i/c machining from outer side making dia 1.25" & making bore at center having ID=1", i/c making V Shape American thread at inner bore 9 TPI, Pitch of thread 3mm, depth of thread 1.5mm, Addendum 0.75mm, dedendum 0.75mm i/c making hexagonal shape from outer side at milling M/c indexing process each hexagonal shape width 20mm cross sectional head size 1.25" width of hexagonal head 1.25" & each corner chamfered 60° i/c making case hardening as per instruction of E/ incharge.	Local Mfg. of Stud of Motor Bed tight fit special type from stainless steel Imported Shaft from length of shaft 4" & dia of shaft 1.5", machining from outer side making finished size OD=1.25" & length 4" i/c making thread 9 TPI American thread length of thread 35mm, pitch of thread 3mm, depth of thread 1.5mm, Addendum 0.75mm, dedendum 0.75mm. making other side thread 9 TPI, Length of thread 30mm pitch of thread 3mm, depth of thread 1.5mm, addendum 0.75mm, dedendum 0.75mm, Balance center portion of stud plain length of plain portion 30mm i/c making case hardening complete stud as per inst. of E/incharge.	Local Mfg. of hexagonal head Nut special type from High Carbon high tensile steel Imported having size OD=1.5 & Length 1", machining from outer dia finished size 1.25" & length 3/4", making bore 20mm, length 0.75" i/c making thread of Inner bore 12 TPI, Pitch of thread 2.5mm, depth of thread 1.5mm, Addendum 0.75mm, dedendum 0.75mm i/c making hexagonal shape from outer at Milling m/c Cross sectional dia 1.25" each hexagonal head size 20mm width of Nut 0.75" i/c making heat treatment for case hardening complete nut as per instruction of Engineer incharge.	Description of Work
50.00 Nos	50.00 Nos	50.00 Nos	Quantity
975.00	150.0561	664.00	Estimated Rate
Each	Each	Each	Cost
48,750.00	97,500.00	33,200.09	Amount
1120.00	2240.00	760.00	M/s.Al- Const. & C
56,000.00	112,000.00	38,000.00	M/s.Al-Rehman Const. & Contractor Rate Amount
1150.00	2300.00	780.00	M/s.I Constru Rate
57,500.00	115,000.00	39,000.00	M/s.Hawan Construction Co. Rate Amount

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# Name of Work: P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT & LOCAL MFG. OF BEARING SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.

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IOIAL QUOIED / CONNECTED BID COST	TOTAL OTTOTTO / CORRECTED BID COCT	Karachi site area & back Karachi to Dhabeji Pump House.	I cading / IIn loading & transportation charges from Dhabeii to	Providing lubricant Grease LGHP 2/1 SKF Brand.	Supply of different sizes of M.S. washer.		making red hot at Ellen head as per instruction of E/incharge.	hexagonal shape of Ellen head inside by drop forging after	1mm, Addendum 0.5mm, dedendum 0.5mm i/c making	1/2" & length of thread 2.5", pitch of thread 2mm, depth of thread	dia 1/2" & length 2.5" i/c machining for making thread 15 1P1 at	1/2" for Ellen head making i/ machining for thread making outer	machining from outer side for making outer dia 1.25" & length	Stainless steel Shaft Imported size length 3" & outer dia 1.5",	Local Mfg. of Special type Ellen Bolt for Shell coupling from		Description of Work	The second of Winds		
				10.00 Kgs 6300.00	100.00 IND	100 00 Kos 120 00	50.00 Nos 1784.00		1							Quantity				
		1.00 Job 17127.00		6300.00	200	120.00	1784.00			••	_					Kate		Estimated		
		P/Job		P/Kg	7,77	P/Kg	Each									Per		d Cost	2	
	1,967,717			163,000.00 -1/243.00		12,000.00   138.00   13,800.00	89,200.00	į.								Amount				
	_	19690.00		-1/245.00	00 5707	J 138.00	2050.00	1								Nate	Data	Const. &	M/s.Al-	
	2,262,260	17,127.00 49690.00 19,690.00 20200.00		12,400.00	00 057 CE	→ 13,800.00	102,500.00	1 1								MILLOUIT	Amount	Const. & Contractor	M/s.Al-Rehman	
		20200.00		7.00.00	7400.00	140.00	_										Rate	Constru	M/s.l	
	2,319,100	20,200.00		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	74.000.00	14,000.00	105,000.00										Amount	Construction Co.	M/s.Hawan	

(Muhammad Hanif)
D.A.O (P&F)-I Circle
Member / Secretary

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

(Maqsbod Ahmed Shaikh)
Superintending Engineer (KMC)
Member

(Intekhab Ahmed Rajput) S.E. (P&F)-I Member

(Munir Ahmed Bhatti)
Director (Design & Estimate)
Convener

## ATTENDANCE SHEET

## NAME OF WORK:-

## NAME OF WORK

P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT & LOCAL MFG. OF BERING SLEEVE AND DIFFERENT SIZE BOLTS, NUTS & STUDS FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.

Venue:

The Director (Design & Estimate), KW&SB, Gulshan-e-Iqbal Block-18,

Karachi.

Date:

17-04-2018 at 2:30 PM

## **CONTRACTORS / FIRMS / BIDDERS**

S.No	Name of Firms / Bidders	Contact No.	Signature
	AL Pichman Cond ded	0342888674	and
٠.,	Ac Rehman Could Col	22 21 20.00 772.	
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		<i>i</i> .	



## KARACHI WATER & SEWERAGE BOARD OFFICE OF THE DIRECTOR (DESIGN & ESTIMATE) **BID EVALUATION REPORT**

1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/64/2018 Published in daily "The Express Tribue", "Ummat" & daily "Sach" dt: 22-03-2018. SPPRA Serial No.37439 I.D No.
3	Tender Description/Name of Work/Item:	REPLACEMENT OF BEARING OF H.T. 6.6 KV, 1050 KW, 114AMP. AEG ELECTRIC MOTOR NO.5 OF 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:	<u>02 Nos</u>
7	Total Bid Received:	<u>02 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	N/A
10	Bid (s) Rejected:	NIL
11	Financial Bid Opening Date:	17-04-2018

### 12 **BID EVALUATION REPORT**

S#	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Al-Rehman Construction & Contractor	Rs.13,86,700/-	l <sup>st</sup> Lowest	@14.945% Above	Pay Order and other documents are attached. P.O # 14527419 dt:16-04-2018 Rs.28,000/-from HBL Shaheed-e-Millat Road Branch Karachi	Substantially Responsive
	M/s.Hawan Construction Co.	Rs.14,16,000/-	2 <sup>nd</sup> Lowest	@17.374% Above	Pay Order and other documents are attached. P.O # 18541267 dt:16-04-2018 Rs.29,000/-from HBL Community Centre PECHS Branch Karachi	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

(Muhammad Hanif) D.A.O (P&F)-I Circle Member / Secretary

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

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC) Member

(Intekhab Ahmed Rajput)

S.E (P&F)-Í Member

(Munir Ahmed Bhatti) Director (Design & Estimate)

## NIT No. SPPRA Serial No. 37439

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

Description of work:

REPLACEMENT OF BEARING OF H.T. 6.6 KV, 1050 KW,

114AMP. AEG ELECTRIC MOTOR NO.5 OF 2ND. PHASE PUMP

HOUSE, DHABEJI

Date of Opening:

17-04-2018

## **BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT**

Eligibility/ Qualification Criteria:

		Bidder	s' Name
S. No.	Eligibility / Qualification Criteria	M/s.Al-Rehman Const. & Contractor	M/s.Hawan Construction Co.
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	Yes
3.	Sales Tax Registration (FBR)	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes
	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	Yes
8.	Bid is signed, named and stamped by the authorized person of the firm along with Authorization letter.	Yes	Yes
9.	Any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44	N/A	N/A
10.	Qualified/ disqualified	Qualified	Qualified

(Muhammad Hanif)
D.A.O (P&F)-I Circle
Member / Secretary

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

(Intekhab Ahmed Rajput)

S.E (P&F) 1 Member (Munir Ahmed Bhatti)
Director (Design & Estimate)

## NIT Sr. No. SPPRA Serial No.37439

Method of Procurement:

Single Stage Single Envelope.

Name of Work:

REPLACEMENT OF BEARING OF H.T. 6.6 KV, 1050 KW, 114AMP. AEG ELECTRIC MOTOR NO.5 OF 2ND. PHASE PUMP HOUSE, DHABEJI

## MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department was held on 17-04-2018 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. (Attendance sheet is enclosed).

- 2. Two bidders submitted their bids till the deadline of submission.
  - i. M/s. Al-Rehman Construction & Contractor
  - ii. M/s. Hawan Construction 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.Al-Rehman Construction & Contractor	1	Rs.28,000/-	P.O # 14527419 dt:16-04-2018 from HBL Shaheed-e-Millat Road Branch Karachi
2.	M/s.Hawan Construction Co.	Rs.14,16,000/-	Rs.29,000/-	P.O # 18541267 dt:16-04-2018 from HBL Community Centre PECHS Branch Karachi

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

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

(Muhammad Hanif)

D.A.O (P&F)-I Circle

Member 7 Secretary

(Saif-ul-Haque)
Additional Director Internal

Audit - KMC Member

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC)

Member

(Intekhab Ahmed Rajput)

S.E (P&F)-I Member (Munir Ahmed Bhatti) Director (Design & Estimate)

## COMPARATIVE STATEMENT

## Name of Work: REPLACEMENT OF BEARING OF H.T. 6.6 KV, 1050 KW, 114AMP. AEG ELECTRIC MOTOR NO.5 OF 2ND. PHASE PUMP HOUSE, DHABEJI.

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	3 I	vi) l	v) 1	_	iv)		;;;; (iii	ii) I	i) (i	7.0	2  I	(vii) t	vi) \	1	<u>د</u> [	iv) S	iii) S	ii) I	i) (i	<i>T</i>	1	Ö	Item	
TOTAL QUOTED / CORRECTED BID COST	Providing Grease LGHP 2/1 SKF Brand.	Up & Down of SKF Certified Engineer (03 Days)	Weight / Shims / Lubricants of SKF charges.	bottom shaft.	Service Fee for Bearing Mounting & dis-mounting at		Service Fee for laser alignment / checking at bottom shaft.	Dynamic Balancing service fee at bottom shaft.	Vibration Analysis service fee at bottom shaft.	Services:-	Providing Bearing No.6032M/C3 in SKF Brand. Detail of	Up & Down of SKF Certified Engineer (2 Days)	Weight / Shims / Lubricants of SKF charges.	loading).	Transportation charges of all equipments (Loading / Un-	Service Fee for Bearing Mounting & dis-mounting.	Service Fee for laser alignment / checking	Dynamic Balancing service fee.	Vibration Analysis service fee.	Services:-	Providing Bearing No.7328 BCBM SKF Brand. Detail of		Description of Work	
	20.00	1.00	1.00	1.00		1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00		Quantity		
	Kgs	Job	Job	Job		Job		Job	Job	Ö		Job	Job	Job		Job	Job	Job	Job	No		ity		
	6300.00	18000.00	19000.00	37000.00		85000.00		75000.00	55000.00	77300.00		36000.00	23600.00	35000.00		78000.00	92000.00	145000.00	65000.00	239500.00		Rate	Esumated	T .4: 4
	P/Kg	P/Job	P/Job	P/Job		P/Job		P/Job	P/Job	Each		P/Job	P/Job	P/Job		P/Job	P/Job	P/Job	P/Job	Each		Per	Cost	) } }
1,206,400	126,000.00	18,000.00	19,000.00	37,000.00		85,000.00		75,000.00	55,000.00	77,300.00		36,000.00	23,600.00	35,000.00		78,000.00	92,000.00	145,000.00	65,000.00	239,500.00		Amount		
	7240.00	20700.00	21800.00	42500.00		97700.00		86200.00	63200.00	88800.00		41400.00	27100.00	40200.00		89700.00	105800.00	166700.00	74700.00	275400.00		Rate	Const. &	IA.s/M
1,386,700	144,800.00	20,700.00	21,800.00	42,500.00		97,700.00		86,200.00	63,200.00	88,800.00		41,400.00	27,100.00	40,200.00		89,700.00	105,800.00	166,700.00	74,700.00	275,400.00		Amount	Const. & Contractor	M/s.Al-Rehman
	7400.00	21000.00	22000.00	43000.00		100000.00 100,000.00		88000.00	64000.00	91000.00		42000.00	27000.00	41000.00		92000.00	108000.00	171000.00	76000.00	282000.00		Rate	Constru	I.s/M
1,416,000	148,000.00	21,000.00	22,000.00	43,000.00		100,000.00		88,000.00	64,000.00	91,000.00		42,000.00	27,000.00	41,000.00		92,000.00	108,000.00	171,000.00	76,000.00	282,000.00		Amount	Construction Co.	M/s.Hawan

D.A.O (P&F)-I Circle Member / Secretary (Muhammad Hanify

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

(Maqsdod Ahmed Shaikh) Superintending Engineer (KMC) Member

(Intekhah Ahlyed Rajput) S.B (P&F)-I Member

> Director (Design & Estimate) (Munir Ahmed Bhatti)

Convener The across

## ATTENDANCE SHEET

## NAME OF WORK:-

## NAME OF WORK

REPLACEMENT OF BEARING OF H.T. 6.6 KV, 1050 KW, 114AMP. AEG ELECTRIC MOTOR NO.5 OF 2<sup>ND</sup>. PHASE PUMP HOUSE, DHABEJI

Venue:

The Director (Design & Estimate), KW&SB, Gulshan-e-Iqbal Block-18,

Karachi.

Date:

17-04-2018 at 2:30 PM

### **CONTRACTORS / FIRMS / BIDDERS**

	CONTRACTORS	FIRING / DIDDERS	$\mathcal{N}$
S.No	Name of Firms / Bidders	Contact No.	Signature
1.	Manyon sounds are	222240995	City.
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## KARACHI WATER & SEWERAGE BOARD OFFICE OF THE DIRECTOR (DESIGN & ESTIMATE)

## **BID EVALUATION REPORT**

1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/64/2018 Published in daily "The Express Tribue",
		"Ummat" & daily "Sach" dt: 22-03-2018. SPPRA Serial No.37439 I.D No.
3	Tandan Daaristian/Nama af	
3	Tender Description/Name of	RE-BUILDING AND PROTECTIVE COATING OF
	Work/Item:	BADLY ERODED & BALDLY DAMAGED PORTION
		OF KSB PUMP RDLV-600-830A, CASING OF PUMP
		NO.2 OF 3RD. 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:	<u>02 Nos</u>
7	Total Bid Received:	<u>02 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically	N/A
9	Qualified (if applicable)	IN/A
10	Bid (s) Rejected:	NIL
11	Financial Bid Opening Date:	17-04-2018

### 12 **BID EVALUATION REPORT**

S#	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.H.R Brothers	Rs.16,19,000/-	1 <sup>st</sup> Lowest	@14.986% Above	Pay Order and other documents are attached. P.O # 03598994 dt:30-05-2017 Rs.20,000/- & P.O # 04290541 dt:30-10-2017 Rs.20,200/- from Bank Al Habib Ltd. Malir Cantt Branch Karachi Total Rs.40,200/-	Substantially
	M/s.M.Anis Enterprises	Rs.16,50,000/-	2 <sup>nd</sup> Lowest	@17.188% Above	Pay Order and other documents are attached. P.O # 04279042 dt:18-12-2017 Rs.50,000/-from Bank Al Habib Ltd. Saadi Town Branch Karachi	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

(Muhammad Hanif) D.A.O (P&F)-1 Circle Member / Secretary

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

(Magsood Ahmed Shaikh) Superintending Engineer (KMC) Member

(Intekhab A S.E (P&F)-I

Member

Director (Design & Estimate)

## NIT No. SPPRA Serial No. 37439

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

Description of works RE-BUILDING AND PROTECTIVE COATING OF BADLY ERODED & BALDLY DAMAGED PORTION OF KSB PUMP RDLV-600-830A, CASING OF PUMP NO.2 OF 3RD. PHASE PUMP HOUSE, DHABEJI.

Date of Opening:

17-04-2018

## **BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT**

Eligibility/ Qualification Criteria:

		Bidders' Name				
S. No.	Eligibility / Qualification Criteria	M/s.H.R Brothers	M/s.M.Anis Enterprises			
1.	Registration with PEC (if applicable)	N/A	N/A			
2.	NTN	Yes	Yes			
3.	Sales Tax Registration (FBR)	N/A	N/A			
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes			
	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	Yes			
8.	Bid is signed, named and stamped by the authorized person of the firm along with Authorization letter.	Yes	Yes			
9.	Any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44	N/A	N/A			
10.	Qualified/ disqualified	Qualified	Qualified			

(Mahammad Hanif) D.A.O (P&F)-I Circle Member / Secretary

(Intekhab Ahmed Rajput)

S.E (\mathbb{R}&F)-I Member

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

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC) Member

Director (Design & Estimate)



## SPPRA Serial No.37439

Method of Procurement:

Single Stage Single Envelope.

Name of Work:

RE-BUILDING AND PROTECTIVE COATING OF BADLY ERODED & BALDLY DAMAGED PORTION OF KSB PUMP RDLV-600-830A, CASING OF PUMP NO.2 OF 3RD. PHASE PUMP HOUSE, DHABEJI.

## MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department was held on 17-04-2018 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. (Attendance sheet is enclosed).

- 2. Two bidders submitted their bids till the deadline of submission.
  - M/s. H.R Brothers
  - ii. M/s. M.Anis 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 1.	M/s.H.R Brothers	Rs.16,19,000/-	Rs.40,200/-	P.O # 03598994 dt;30-05-2017 Rs.20,000/- & P.O # 04290541 dt;30-10-2017 Rs.20,200/- from Bank Al Habib Ltd. Malir Cantt Branch Karachi
1 4.	M/s.M.Anis Enterprises	Rs.16,50,000/-	Rs.50,000/-	P.O # 04279042 dt:18-12-2017 from Bank Al Habib Ltd. Saadi Town Branch Karachi

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

(Muhammad Hanif) DATO (P&F)-I Circle

Member / Secretary

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

(Magsood Ahmed Shaikh) Superintending Engineer (KMC)

Member

(Intekhab Ahmed Rajput)

S.E (P&F)-I

Member

(Munir Ahmed Bhatti)

Director (Design & Estimate)

## COMPARATIVE STATEMENT

## PORTION OF KSB PUMP RDLV-600-830A, CASING OF PUMP NO.2 OF 3RD. PHASE PUMP HOUSE, DHABEJI. Name of Work: RE-BUILDING AND PROTECTIVE COATING OF BADLY ERODED & BALDLY DAMAGED

																			_	Γ	Z Z	Item
))	TOTAL QUOTED / CORRECTED BID COST		half.	repaired areas of the Pump casing inside (Both upper & lower)	h). Corrosion protective Belzona 1341 food grade coating on the	highly Belzona impact repaired areas inside the casing.	g). Cavitations Resist Belzona 2141 Elastomeric Coating on the	Resistant Elastomeric coating.	f).Belzona 2191 Conditioner apply Belzona 2141 Cavitations	e).Grinding and machining work.	1311 Ceramic R-Metal.	600-830A casing from inside (Upper & lower) with Belzona	d).Re-building of badly eroded surface of KSB Pump RDLV-	c). Decontamination of blasted surface with Belzona 9111 NF.	b). Grit blasting for surface preparation as per SA 2½ Standard.	a). Jet Washing with potable water.	of 3rd. Phase Pump House with the following scope of work:-	damaged casing of KSB Type RDLV-600-830A of Pump no.2	Re-building and protective coating of badly eroded and badly		lo Description of Work	3m
		1.00 Job		<u> </u>					<u> </u>			<u>1</u>	•	-				2	<u>~</u>	Quantity		
	•	1,408,000	Report of the second	gg F					•			•								Rate		Estimated
		P/Job																		Per	Cose	Cost
L	1,408,000	1,408,000	* The state of the	gg <sup>g</sup>																Amount		
	)	1,619,000	<																	Rate	Bro	s/W
تمعق	1,619,000	1,619,000																		Amount	Brothers	M/s.H.R
		1,650,000																		Rate	Enter	M/s.N
	1,650,000	1,650,000																		Amount	Enterprises	M/s.M.Anis

(Muhammad Hanif)
D.A.O (P&F)-I Circle
Member / Secretary

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

(Maqsbod Ahmed Shaikh) Superintending Engineer (KMC) Member

(Intekhab Anmed Rajput) S.E (R&F)-I Member

(Munir Ahmed Bhatti)
Director (Design & Estimate)
Convener

## **ATTENDANCE SHEET**

## NAME OF WORK:-

S.No	NAME OF WORK
1.	RE-BUILDING AND PROTECTIVE COATING OF BADLY ERODED AND
	BALDLY DAMAGED PERTION OF KSB PUMP RDLV-600-830A, CASING
	OF PUMP NO.2 OF 3 <sup>RD</sup> PHASE PUMP HOUSE DHABEJI.

Venue:-

The Director (D&E) KW&SB, Situated At COD Filter Plant

Block-17 Gulshan-e-Iqbal Karachi.

Date:

17-04-2018 at 2:30 PM

## **CONTRACTORS/FIRMS/BIDDERS**

S.No	Name Of Firms/Bidders	Contact No	Signature
	H. R. Blothers	0334-2625 982	- Louis S
2.	M. ANIS ENTERPRISES	0331-2353660	with
			1