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

Description of work:

LOCAL MANUFACTURING OF INTERMEDIATE SHAFT,

BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5

OF 3RD, PHASE PUMP HOUSE, DHABEJI

Date of Opening:

<u>25-03-2015</u>

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

		Bidders' Name		
S. No.	Eligibility / Qualification Criteria	M/s.Al-Rehman Construction & Contractor	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	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	

Note: The procuring agency may modify the criteria as per their requirements.

(Muha umad Ridz) D.A.O (E&M-W) Member / Secretary (Saif-ul-Hatque)
Additional Director Internal
Audit – KMC Member

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC) Member

> (Abdulffahim khatti) Chief Engineer (IPD) Convener

(Noor Malfammad Choohan) Chief Engineer (E&M-W) Member

NIT Sr. No. SPPRA Serial No. 23020

Method of Procurement: Single Stage Single Envelope.

Name of Work:

LOCAL MANUFACTURING OF INTERMEDIATE SHAFT, BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5 OF 3RD, PHASE PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 25-03-2015 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. 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	Rs.21,72,202/-	Rs.43,500/-	P.O # 11639400 dt: 25-03-2015 from HBL Sindh Secretariat Branch Karachi
2.	M/s.Hawan Construction Co.	Rs.21,91,220/-	Rs.44,000/-	P.O # 9731655 dt:25-03-2015 from UBL Shaheed-e-Millat Road Branch Karachi

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

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

(Muhammad Rias)

Member / Secretary

(Saif-ul-Haque)
Additional Director Internal

Audit - KMC Member

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)

Member

(Noor Molfammad Choohan) Chief Engineer (E&M-W)

Member

ief Engineer (IPD)



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:	KWSB/DPR/2015/24 & INF/KRY-744/15 published in daily "Ummat" dt:28-02-2015 daily "Kawish" dt:02-03-2015 & daily "Barkha" dt:03-03-2015. SPPRA Serial No.23020 I.D No. /2015
3	Tender Description/Name of Work/Item:	
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press / Web Site
6	Total Bid Documents Sold:	2 Nos
7	Total Bid Received:	2 Nos
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:	25-03-2015

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.Al-Rehman Construction & Contractor	Rs.21,72,202/-	1 st Lowest	@14.994% Above	Pay order and other documents are attached. P.O # 11639400 dt: 25-03- 2015 Rs.43,500/- from HBL Sindh Secretariat Branch Karachi	Substantially
2.	M/s.Hawan Construction Co.	Rs.21,91,220/-	2 nd Lowest	@16.001% Above	Pay order and other documents are attached. P.O # 9731655 dt:25-03-	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

D.A.O. H&M-W

Member / Secretary

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

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC)

Member

(Noor Muhammad Choohan) Chief Engineer (E&M-W)

Member

(Abdul Raugh) Khan Chief Engineer (IP)



KARACHI WATER & SEWERAGE BOARD

Office of the Chief Engineer (Electrical & Mechanical Water Wing)

Block "B" 9th Mile Shahra-e-Faisal, Karachi

No: D.A.O/C.E(E&M-W)/KW&SB/2015/

Dated: 25-03-2015

NOTICE FOR MEETING

Name of Works:

- 1. LOCAL MANUFACTURING OF INTERMEDIATE SHAFT, BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5 OF 3RD, PHASE PUMP HOUSE, DHABEJI
- 2. MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, <u> DНАВЕЛ</u>
- 3. MANUFACTURING AND PROVIDING OF H.T LEAD FOR 1635 KW SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI
- 4. MFG AND FIXING OF PARTS FOR PUMP # 5, OF 30 MGD MAN OF OLD PUMP HOUSE OF HUB PUMPING STATION, KW&SB
- 5. COMPLETE OVERHAULING AND REPAIRING OF 35 MGD KUBOTA PUMP SET # B-04 AT NEW PUMP HOUSE OF HUB PUMPING STATION, KW&SB
- 6. PROVIDING & INSTALLATION OF EARTH FAULT & OVER CURRENT RELAY FOR KESC INCOMING PANEL # 01 AT NEW PUMP HOUSE OF HUB PUMPING STATION, STATION, KW&SB
- 7. R/M WORK (PAINTING WORK) OF MACHINERY AND ALLIED ACCESSORIES OLD AND NEW PUMP HOUSE OF HUB PUMPING STATION, KW&SB
- 8. PROVIDING & FIXING OF BALL BEARINGS FOR 12.5 MGD PUMPS NOS.1,2,3,4,5 & 6 AT OLD PUMP HOUSE PIPRI (P&F) DIVISION, KW&SB
- 9. COMPLETE OVERHAULING WITH PARTS REPLACEMENT OF RAW WATER PUMP NO.4 AT 4TH PHASE PUMP HOUSE, PIPRI (P&F) DIVISION, KW&SB
- 10. COMPLETE OVERHAULING OF 4500M/H (25MGD) WEIR SET (A), AT HIGH LIFT PUMP HOUSE AT NEK (P&F) K-II, PLANT

As directed by the Convener of the Procurement / Evaluation Committee-I a meeting of the procurement committee to evaluate the bids for the above mentioned works is scheduled to be held on 26-03-2015 at 3.00 p.m in the office of the Convener of the Procurement / Evaluation Committee-I to evaluate the bid and finalize the matter of the above cited works as per SPPRules-2010.

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

Distribution:

1. The C.E (IP&D), KW&SB

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

3. The Superintending Engineer (KMC) 4.

The Additional Director Internal Audit KMC

Convener

Member / Secretary

D.A.O

Member

Member

Member

COMPARATIVE STATEMENT

Name of Work: LOCAL MANUFACTURING OF INTERMEDIATE SHAFT, BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5 OF 3RD, PHASE PUMP HOUSE, DHABEJI

Item No	Description of Work		Estimated Co	ted Cost		M/s.A Const Cor	M/s.Al-Rehman Construction & Contractor	M/s. Constru	M/s.Hawan Construction Co.
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
_	Local Mfg of Intermediate shaft of KSB Pump type RDLV-600-830A from stainless steel solid shaft having outer dia 6" and length	•							
	110" i/c machining for making both side outer dia 115mm & length 68.5" i/c machining for making outer dia 110mm & length 12 3/8" i/c making coupling outer dia 100 mm & length 5 3/8" i/c making dia 85m & length 70mm i/c making last collar dia 100mm & width								
	ora 65m & rengm 20mm i/c making last collar dia 100mm & width 20mm i/c machining at bottom side for making OD=110mm & lenght 140mm i/c making last coupling dia 115mm & lenght 41mm								
	i/c making key slot at last end coupling portion lenght 149mmdepth of slot 10mm 02 Nos i/c making key slot for Clutch, lenght of Slot								
	200mm, depth of slot 8mm i/c making coupling portion, upper side key slot 02 Nos lenght of slot 150mm & depth of slot 8mm i/c								
	making coupling portion upper side key slot 02 Nos lenght of key way slot 150mm & dpeth of slot 8mm as per instruction of								
	Engineer Incharge i/c fixing the shaft with motor shaft.	1.00 Job	529,221	P/Job	529,221	608,604	608,604	613,896	613,896
2	Local Mfg of Shell coupling from stainles steel shaft size 7 1/2" dia & length 15" i/c machining for making outer dia 7" & length 12" & making internal bore having dia 4" throughout length 12" i/c.	· · · -							
	making memai oore naving dia 4 inroughout length 12 1/c machining, polishing & making key way of internal dia complete lenght 12", width of key slot 1.10", depth of key way 0.31", depth								
•	of key way 0.31" i/c cutting in half portion each & equal distance i/c making 0.55" dia hole 16 Nos & making thread 8mm, 08 Nos holes i/c making counter sunk hole 1.33 dia from outer of shell at			<u></u>					
	instruction of Engineer Incharge.	2.00	Jobs 165,575	Filob	331,150	331,150 190,411	380,822	192,067	384,134
				I					

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Name of Work: LOCAL MANUFACTURING OF INTERMEDIATE SHAFT, BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5 OF 3RD, PHASE PUMP HOUSE, DHABEJI

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1	ن. 	4	(u	Item No
7	Local Mfg. of hexagonal head Nut special type from High Calhigh tensile steel Improted ahving size OD=1.5 & Length machining from outer dia finished size 1.25" Y length 3/4" ma bore 20mm, length 0.75" i/c making thread of Inner bore 12 Pitch of thread 2.5mm, depth of thread 1.5mm, Adden 0.75mm, dedendum 0.75mm i/c making hexagonal shape 1 outer at Milling m/c Cros sectional dia 1.25" each hexagonal 1 size 20mm width of Nut 0.75" i/c making heat treatment for hardening complete nut as per instruction of Engineer Incahrge	Local Mfg of Special type Bolt fi Imported having size OD=1.5" outside making dia outer 0.787" step dia for making 1.25" & Len lenght 3", pitch of thread 2. Addendum 0.75mm & dedendum head at 1.25" dia & lenght 1", hexagonal head each length 20mm head treatment of case hardening of Engineer Incharge.	Local Mfg. of Bearing housing o RDLV-600-830A from Cast Iron casting size OD=24", ID=7" len side, making Collar having outer making other step dia from oumaking internal bore from insdie making step clearance dia 9.76" & width 1" i/c polishin bore ± 001 for bearing outside i Motor bed by the instrucito of E/I.	
	l", king TPI, dum from head case	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 instruciton of Engineer Incharge.	Local Mfg. of 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 amchining from out side, 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 insdie bore dia 11.42" & length 5.07 & making step clearance dia 9.76" & length 1.14" making shaft hold dia 5.51" & width 1" i/c polishing buffing from inside of housing bore ± 001 for bearing outside i/c fixing the housing at Pump / Motor bed by the instrucito of E/I.	Description of Work
	75.00 Nos	75.00 Nos	1.00 Job	Quantity
	632	1,486	504,244	Estimated Rate
	Each	Each	P/Job	d Cost
7	47,400	111,450	504,244	Amount
/	727	1,709	579,880	M/s.A Constu Con
	54,525	128,175	579,880	M/s.Al-Rehman Construction & Contractor ate Amount
	733	1,724	584,923	M/s. Constru
	54,975	129,300	584,923	M/s.Hawan Construction Co. Rate Amount

Ma: Ludy

Name of Work: LOCAL MANUFACTURING OF INTERMEDIATE SHAFT, BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5 OF 3RD, PHASE PUMP HOUSE, DHABEJI

		•		6	Item No
	shape of Ellen head inside by drop forging after maing red hot at Ellen head as per instruction of E/Incharge.	Local Mfg. of Special type Allen Bolt for Shell coupling from Stainless steel shaft imported size length 3" & outer dia 1.5", machining from outer side for making outer dia 1.25" & length 1/2" for Ellen head making i/c machining for thread making outer dia 1/2" & length 2.5" i/c machining for making thread 1.5 TPI at 1/2" & length of thread .5", pitch of thread 2mm, depth of thread	Local Mfg. of special type Nut from Motor Bed form S.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 at 60°, i/c making case hardening as per instruction of E/Incharge.	Local Mfg. of Stud of Motor Bed tight fit special type from stianless 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 thred 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 protion 30mm i/c making case hardening complete stud as per instruciton of E/Incharge.	m Description of Work
	75.00 Nos		75.00 Nos	75.00 Nos	Quantity
	-,6 %		929	1,857	Estimated Rate
	Each		Each	Each	d Cost
~	127,425		69,675	139,275	Amount
	1,953		1,068	2,135	M/s.A Const Con Rate
	146,475		80,100	160,125	M/s.Al-Rehman Construction & Contractor ate Amount
	1,971		1,078	2,154	M/s. Constr
	147,825		80,850	161,550	M/s.Hawan Construction Co. Rate Amount

Man, Why

Name of Work: LOCAL MANUFACTURING OF INTERMEDIATE SHAFT, BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5 OF 3RD, PHASE PUMP HOUSE, DHABEJI

	Karachi site	10 Loading, U	9 Supply of di		Item No
TOTAL QUOTED / CORRECTED COST	Karachi site area & back Karachi to Dhabeji Pump House.	10 Loading, Un-Loading & transportation charges from Dhabeji to	9 Supply of different size of M.S Washer.		Description of Work
			100.00 Kg	Quantity	
	dol		Kg	ty	
	1.00 Job 17,127		120	Rate	Estimated
	P/Job		P/Kg	Per	d Cost
1,888,967	17,127		12,000	Amount	
	17,127 19,696		138	Rate	M/s.A Const Con
2,172,202	19,696		13,800	Amount	M/s.Al-Rehman Construction & Contractor
	19,696 19,867		139	Rate	M/s Constr
2,191,220	19,867		13,900	Amount	M/s.Hawan Construction Co.

Member / Secretary (Muhar D.A.O (Ex

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

(Maqsood/Ahmed Shaikh)
Superintending Engineer (KMC)
Member

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

Conveñer

ATTENDANCE SHEET

NAME OF WORK:-

NAME OF WORK

LOCAL MANUFACTURING OF INTERMEDIATE SHAFT, BEARING HOUSING & SHELL COUPLING OF KSB PUMP NO.5 OF 3RD. PHASE PUMP HOUSE, DHABEJI.

Venue:

The Chief Engineer (IP&D) KW&SB, Room No.5, Block-E at 9th Mile

Karsaz, Karachi.

Date:

25-03-2015 at 2:30 PM

CONTRACTORS / FIRMS / BIDDERS

	CONTRACTORS /	FIRMS / BIDDERS	V
S.No	Name of Firms / Bidders	Contact No.	Signature
	Hawan Court. Co	0321-200992	Wr.
	Hawan Court Cout	\$ov.	our
			/

NIT No. SPPRA Serial No. 23020

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

Description of work:

MANUFACTURING AND PROVIDING OF H.T LEAD FOR 1635

KW SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE,

DHABEJI

Date of Opening:

<u>25-03-2015</u>

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

		Bidders' Name		
S. No.	Eligibility / Qualification Criteria	M/s.Al-Rehman Construction & Contractor	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	
İ	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	

Note: The procuring agency may modify the criteria as per their requirements.

mad Riaziz D.A.Q E&M-WT

Member / Secretary

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

(Magsood Ahmed Shaikh)

Superintending Engineer (KMC)

Member

(Noor Manammad Choohan) Chief Engineer (E&M-W)

Member

Chief Engineer (PD)

NIT Sr. No. SPPRA Serial No. 23020

Method of Procurement: Single Stage Single Envelope.

Name of Work:

MANUFACTURING AND PROVIDING OF H.T LEAD FOR 1635 KW SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 25-03-2015 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. 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 Cor struction & Cor tractor	Rs.14,53,005/-	Rs.29,100/-	P.O # 11639399 dt: 25-03-2015 from HBL Sindh Secretariat Branch Karachi
2.	M/s.Hawan Construction Co.	Rs.14,65,650/-	Rs.29,500/-	P.O # 9731654 dt:25-03-2015 from UBL Shaheed-e-Millat Road Branch Karachi

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

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

(Muhamhad Rive)
D.A.O (B&M-W)
Me:nber / Secretary

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

(Noor Mohammad Choohan) Chief Engineer (E&M-W)

Member

Chief Engineer (IPD)
Convener



KARACHI WATER & SEWERAGE BOARD

BID EVALUATION REPORT

	— ——	
1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/2015/24 & INF/KRY-744/15 published in daily "Ummat" dt:28-02-2015 daily "Kawish" dt:02-03-2015 & daily "Barkha" dt:03-03-2015.
3	Tender Description/Name of Work/Item:	SPPRA Serial No.23020 I.D No. /2015 MANUFACTURING AND PROVIDING OF H.T LEAD FOR 1635 KW SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press / 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:	NIL
11	Financial Bid Opening Date:	25-03-2015
42	<u> </u>	

12 RID 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 Cor struction & Cor tractor		1 st Lowest	@14.998% Above	Pay order and other documents are attached. P.O # 11639399 dt: 25-03-2015 Rs.29,100/- from HBL Sindh Secretariat Branch Karachi	Substantially Responsive
2.	M/s.Hawan Construction Co. all concerned b	Rs.14,65,650/-	2 nd Lowest	@15.998% Above	Pay order and other documents are attached, P.O # 9731654 dt:25-03-2015 Rs.29,500/- from UBL Shaheed-e-Millat Road Branch Karachi	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

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

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

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC)

Chief Engineer (IPD)

Convener

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

Name of Work: MAN SLIP RING

Description of Wo
Mfg. & Providing of 1150 mm long 2 (Cable heat proof, burn proof) have with Copper lugs and other end firbolt special designed length of Codia 20mm, making one end hole dishole 25mm, OD=20mm balance 1 d6mm making thread, inserting the Cast one end & press fit i/c Providing Bronze Nut 16mm lenght 25mm i/c in the on H.T Cable & H.T Tape as pastruction of Engineer Incharge.
r dhata

(Muhammad Riam) D.A.O (F&M_W) Member / Secretary

(Saif-ul-Haq Additional Directo Audit – KMC M

ATTENDANCE SHEET

NAME OF WORK:-

NAME OF WORK

MANUFACTURING AND PROVIDING OF H.T. LEAD FOR 1635 KW SLIP
RING TYPE H.T. MOTORS AT K-2 PUMP HOUSE, DHABEJI.

Venue:

The Chief Engineer (IP&D) KW&SB, Room No.5, Block-E at 9th Mile

Karsaz, Karachi.

Date:

25-03-2015 at 2:30 PM

CONTRACTORS / FIRMS / BIDDERS

		FIRMS / BIDDERS	\bigcap
S.No	Name of Firms / Bidders	Contact No.	Signature
	Hawan Cond. Co	0321 2000992	(M).
	Hawan Cont. 8 Con	-dor	ant
	/		
			4
	· · · · · · · · · · · · · · · · · · ·		<u> </u>

NIT No. SPPRA Serial No. 23020

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

Description of work:

MANUFACTURING OF MULTIPLE BOX CARBON BRUSH

HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING

TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

Date of Opening:

25-03-2015

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

		Bidder	s' Name
2. 3. 4. 5. 6. 7. 18. 9.	Eligibility / Qualification Criteria	M/s.Hawan Construction Co.	M/s.Al-Rehman Construction & Contractor
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	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

Note: The procuring agency may modify the criteria as per their requirements.

D.A.O (E&M-W)

Nember / Secretary

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

(Magsood Ahmed Shaikh) Superintending Engineer (KMC)

Member

(Abdul Rahim Khatti) Chief Engineer (IPD)

Convener

(Noor Munammad Choohan) Chief Engineer (E&M-W) Member

COMPARATIVE STATEMENT

Name of Work: MANUFACTURING AND PROVIDING OF H

-		ì	1 1					
		M/s.Hawan Construction Co.	e Amount					1,465,650
~~	-	- °	Rate					32,570
OR 1635 KW	Ms.Al-Rehman	stru Truck	Amount					1,453,005
SAD FC	W						32.200	687,25
H.T MOTORS AT K-2 PUMP HOUSE, DHARF II		Amount					1.263 510	1,263,510
VIDING C-2 PUM	Estimated Cont	Per Per					Each	H
RS AT E	Estimat	Rate					28,078	
LT MOTO		Quantity					son 00	
OLAF KUNG TYPE H		H.T Lead	nd fitting	depth of	pper bolt 04 Nos	ırinkage rigin &	45.00 COST	
SEIF KIN	Work	(Cable heat proof, burn proof) having	respect lugs and other end fitted 99,9% Conn.	dia 20mm, making one end hole dia 16mm, depth of 16mm haking thread the 100mm length of 16mm making thread the 100mm length of 16mm making thread the 100mm length dia 16mm making thread 100mm length dia 16mm making thread 100mm length dia 160mm	at one end & press fit i/c Providing / Fixing 04 Nos	instruction of Engineer Incharge.	TOTAL QUOTED/CORRECTED COST	
	Description of Work	150 mm long	other end	ength of (end hole n balance	Serting the (i/c Providir	T Tape as charge.	QUOTED/C	
	Desc	viding of I	lugs and designed	naking one OD=20mr	press fit	able & H	TOTAL	
		Mfg. & Pro- Cable heat	oft special	a 20mm, _n de 25mm, mm makin,	one end &	instruction of Engineer Incharge.		(
Item	No No	<u>~ ~ }</u> ~	2	16.	at Bro	instr instr	1	

(Magsood Ahmed Shaikh) Superintending Engineer (KMC) Member

Additional Director Internal

(Muhambad Riaby) Member / Secretary

(Noor Medammad Choohan) Chief Engineer (E&M-W)
Member

Chief Enginer (IPD) Convener

1,465,650 1,465,650

1,453,005

NIT Sr. No. SPPRA Serial No. 23020

Method of Procurement: Single Stage Single Envelope.

Name of Work:

MANUFACTURING OF MULTIPLE BOX CARBON HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 25-03-2015 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.
 - M/s. Hawan Construction Co. i.
 - ii. M/s. Al-Rehman Construction & Contractor
- The bids were opened at 2:30 P.M in the presence of the above mentioned 3. 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.Hawan Construction Co.	Rs.20,83,038/-	Rs.42,000/-	P.O # 11639298 dt: 25-03-2015 from HBL Sindh Secretariat Branch Karachi
2.	M/sAl-Rehman Cor struction & Cor tractor	Rs.21,01,182/-	Rs.42,500/-	P.O # 9731653 dt:25-03-2015 from UBL Shaheed-e-Millat Road Branch Karachi

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

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

D.A.OVE&M-W)

Me nber / Secretary

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

(Magsood Ahmed ShaiRh) Superintending Engineer (KMC)

Member

(Noor M. chammad Choohan) Chief Engineer (E&M-W)

Member

Chief Engineer (IPD)



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT

1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
		RARACHI WATER & SEWERAGE BUAKD
2	Tender Reference No:	KWSB/DPR/2015/24 & INF/KRY-744/15 published in daily
	ļ	"Ummat" dt:28-02-2015 daily "Kawish" dt:02-03-2015 & daily
İ		"Barkha" dt:03-03-2015
<u> </u>	T 1	SPPRA Serial No.23020 I.D No. +2015
3	Tender Description/Name of	
	Work/Item:	BRUSH HOLDER AND ROCKER ARM SET FOR
		1635 KW, SLIP RING TYPE H.T MOTORS AT K-2
		PUMP HOUSE, DHABEJI
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press / Web Site
	T I DII D	
6	Total Bid Documents Sold:	<u>2 Nos</u>
7	Total Bid Received:	2 Nos
8	Technical Bid Opening Date	N/A
	(if applicable):	IN/A
9	No. of Bid Technically Qualified	N/A
	(if applicable)	
10	Bid (s) Rejected:	NIL
	Dia (5) Rejected.	NIL
11	Financial Bid Opening Date:	25-03-2015
	<u> </u>	

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.Hawan Construction Co.	Rs.20,83,038/-	1 st Lowest	@14:998%	Pay order and other documents are attached. P.O # 11639398 dt: 25-63-2015 Rs.42,000/- from HBL Sindh Secretariat Branch Karachi	Substantially
2.	M/s. Al-Rehman Construction & Contractor	Rs.21,01,182/-	2 nd Lowest	@16.000% Above	Pay order and other documents are attached. P.O # 9731653 dt:25-03-2015 Rs.42,500/- from UBL Shaheed-e-Millat Road Branch Karachi	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

(Muhamad Rus) 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 Choohan) Chief Engineer (E&M-W) Member

(Abdul Rahim Rham) Chief Engineer (IPD)

COMPARATIVE STATEMENT

Name of Work: MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

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	/=		0	-	<u></u>			2 7	<u> </u>	S	=	_	<u> </u>	2	е	00	=	_	S	<u></u>					<u> </u>				Item No
	noer ups as per instruction of E/I.	spring loaded device and spring tension adjustment Knob with Chrome steel fingers and Heat resistance	or holder are also made of selective bronze alloy in the	least 5mm. The Rocker Mfg. and provided on each Box	finished size was thickness of brush holder frame at	for the 12 Nos Carbon Brushes of size 40x40x20mm	from imported or equivalent quality phosphorus bronze	Mfg. of Carbon Brush bolder by casting and machining	Engineer Incahrge.	S.S Nuts & bolts 25mm as per sample and instruction of	insulation steel shaft at centre of M.S Plate at 90° by P/F	13mm thickness i/c making thread and fixing H.T	become finished size 260mm lenght, 35mm width &	267mm, width 50mm & thickness 13mm & machining	each & equal distance (iv). P/F M.S Plate having lenght	galss washer 03 Nos at insulator shaft at 57mm distance	making hole at centre 25mm dia fixing 55mm dia fiber	(H.T insulator) Heat & Burn proof & 7mm widthi/c	shaft by press fit (iii) Providing 55mm dia fiber glass	throughout lenght 15mm dia and fixing on stainless steel	OD=25mm & lenght 265mm i/c make hole at centre	insulator) heat or burn proof imported having	l5mm complete length (ii) P/F Glass fiber (H.T	15mm length 30mm i/c making thread on this portion	280 mm & machining at end side step cutting ahving dia	by machining having finished size OD=20mm & length	Mfg. of Stainless steel shaft 25mm dia & length 305mm.		Description of Work
	72.00 Nos								12.00 Nos																		& manuary	Quantity	
	12,103								17,900																		Nate	Rata	Estimated Cos
	Each								Each																		rer	Por	Cost
5	871,416								214,800	<u> </u>																	Amount	A mount	
	13,918							,	20,585													-					Kate	Data	M/ Const
j	1,002,096								247.020																		Amount	•	M/s.Hawan Construction Co.
	14,039				· <u>.</u>				20.764																		Kate		M/s.A Const
	1.010.808								249.168																		Amount		M/s.Al-Rehman Construction & Contractor

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Name of Work: MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

						S		,		_			4	T						١,	Item No
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	TOTAL QUOTED / CORRECTED COST	per sample and instruction of E/I.	device tooth lock washer and some other washers at a	Specification with the help of 14 No. 1 ode & Ci-	items as per actual design with accurate size of	Assembling testing and commissioning of all 04 Nos	incharge.	100mm as per sample and instruction of Engineer	coper strips i/c bend at 30° from both ends at distance	dia fiber sleeve Heat proof imported length 345mm	with 12mm holes at both ends & fixing / inserting 24mm	having Length=345mm, B=25mm, thickness = 5mm	Mtg. & Providing connection strips of Copper metal	sample and instruction of E/I.	nut bolts and shape toothed ring of carbon steel as per	side carbon brush holder at the desire angle by means of	20mm and from opposite side its also hold ring and left	bronze and machining which at one side grip shaft of			Description of Work
		6.00 Sets					36.00 Nos							36.00 Nos						Quantity	
	21,271	37 207				,,,,,,,,	1 080						ļ	11,947			-			Rate	Estimated Cost
	1967	D/6 at				Laci	۱ ۲							Each			•			Per	Cost
1,811,370	223,/82	3				/1,280	71 700						770,00	430 000					, , , , ,	Amount	
	42,891	3				2,217))			_			(3,737	13 730					Mark	Data	M/ Const
2,083,038	257,346					81,972							494,004	404 (24				*	Amount	<u> </u>	M/s.Hawan Construction Co.
	43,265					2,297							13,859			•		_	Kate	, ,	M/s
2,101,182	259,590					82,692							498,924						Amount	Contractor	M/s.Al-Rehman Construction &

(Muha Riaz)
D.A.O (E&M-W)

Member / Secretary

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

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC)
Member

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



ATTENDANCE SHEET

NAME OF WORK:-

NAME OF WORK

MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T. MOTORS AT K-2 PUMP HOUSE, DHABEJ.

Venue:

The Chief Engineer (IP&D) KW&SB, Room No.5, Block-E at 9th Mile

Karsaz, Karachi.

Date:

25-03-2015 at 2:30 PM

CONTRACTORS / FIRMS / BIDDERS

	CONTRACTORS	/ FIRMS / BIDDERS	\bigwedge
S.No	Name of Firms / Bidders	Contact No.	Signature
	Hawau Court. Co	0321-2000992	Ww :
	AL Rehman Cont. 8 cont.	dor	net
			
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		_	
	,		
			,

COMPARATIVE STATEMENT

Name of Work: MANUFACTURING AND PROVIDING OF H.T LEAD FOR 1635 KW

		'an	n C0.	Amount			1,465,650	1.465,650
		M/s.Hawan	Construction Co.	<u> </u>			4	1.46
		<u> </u>	اق	Rate		37 530	32,370	
JSE, DHABEJI	M/s. Al-Rehman	Construction &	Contractor	Amount		1.453 005	1 453 000	1,433,003
DHABE	M/s.	Con	ŭ j	Vale		32,289		
P HOUSE,			Amount			1,263,510	1,263,510	
2 PUM		d Cost	Per			Each		
S AT K.		Estimated Cost	Rate	_		28,078		
H.T MOTOR _			Quantity			15.00 Nos		
THE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI	Description of		Mfg. & Providing of 1150 mm long 25mm Sa HT1 22	(Cable heat proof, burn proof) having and	with Copper lugs and other end fitted 99,9% Copperbolt special designed length of Copper Bolt 140mm, hole 25mm, OD=20mm balance 100mm length of 16mm making thread, inserting the Cable in Copper bolt Bronze Nut 16mm length 25mm i/c inserting 04 Nostube on H.T Cable & H.T Tape as per UK Origin & instruction of Engineer Incharge.	TOTAL QUOTED / CORRECTED COST		
<u>L_</u> :	Iten No		-					
					<u></u>			

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC) Member

Additional Director Internal Audit – KMC Member

(Muhamad Riaky) Member / Secretary

(Noor Melanmad Choohan) Chief Engineer (E&M-W) Member

Chief Engineer (IPD) Convener

1,465,650



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT

"Ummat" dt:28-02-2015 daily "Kawish" dt:02-03-2015 & dail "Barkha" dt:03-03-2015 SPPRA Serial No.23020 I.D No. Tender Description/Name of Work/Item: Work/Item: Work/Item: Work/Item: Work/Item: Wind the control of the contro			
"Ummat" dt:28-02-2018 daily "Kawish" dt:02-03-2015 & dail "Barkha" dt:03-03-2015 3 Tender Description/Name of Work/Item: MANUFACTURING OF MULTIPLE BOX CARBOD BRUSH HOLDER AND ROCKER ARM SET FOLIGATION FOR TYPE H.T MOTORS AT K-PUMP HOUSE, DHABEJI Single Stage (One Envelop) Tender Published: Through Press / Web Site Total Bid Documents Sold: 2 Nos	1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
Tender Description/Name of Work/Item: MANUFACTURING OF MULTIPLE BOX CARBOI BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-PUMP HOUSE, DHABEJI Method of Procurement: Single Stage (One Envelop) Tender Published: Through Press / Web Site Total Bid Documents Sold: Nos Technical Bid Opening Date (if applicable): No. of Bid Technically Qualified (if applicable) MANUFACTURING OF MULTIPLE BOX CARBOI BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-PUMP HOUSE, DHABEJI Single Stage (One Envelop) Through Press / Web Site N/A N/A	2	Tender Reference No:	KWSB/DPR/2015/24 & INF/KRY-744/15 published in daily "Ummat" dt:28-02-2015 daily "Kawish" dt:02-03-2015 & daily "Barkha" dt:03-03-2015 SPPRA Serial No.23020 LD No.
4 Method of Procurement: Single Stage (One Envelop) 5 Tender Published: Through Press / 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) 10 Bid (s) Rejected: NIL	3		MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-2
6 Total Bid Documents Sold: 7 Total Bid Received: 8 Technical Bid Opening Date (if applicable): 9 No. of Bid Technically Qualified (if applicable) 10 Bid (s) Rejected: NIL	4	Method of Procurement:	
7 Total Bid Received: 2 Nos 8 Technical Bid Opening Date (if applicable): 9 No. of Bid Technically Qualified (if applicable) 10 Bid (s) Rejected: NIL	5	Tender Published:	Through Press / Web Site
8 Technical Bid Opening Date (if applicable): 9 No. of Bid Technically Qualified (if applicable) 10 Bid (s) Rejected: N/A N/A	6	Total Bid Documents Sold:	2 Nos
(if applicable): 9 No. of Bid Technically Qualified (if applicable) 10 Bid (s) Rejected: NIL	7	Total Bid Received:	2 Nos
(if applicable) 10 Bid (s) Rejected: NIL	8		<u>N/A</u>
	9		<u>N/A</u>
11 Financial Bid Opening Date: 25-03-2015	10	Bid (s) Rejected:	NIL
	11	Financial Bid Opening Date:	25-03-2015

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.Hawan Construction Co.	Rs.20,83,038/-	I st Lowest	Above	Pay order and other documents are attached. P.O # 11639398 dt: 25-03-2015 Rs.42,000/- from HBL Sindh Secretariat Branch Karachi	Substantially
2.	M/s. Al-Rehman Construction & Contractor	Rs.21,01,182/-	2 nd Lowest	@16.000% Above	Pay order and other documents are attached. P.O # 9731653 dt:25-03-	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

(Muha Mad Ras) D.A.O. & M-W) Member / Secretary

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

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC)

Member

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

(Abdul Rahim Rham) Chief Engineer (IPD)

COMPARATIVE STATEMENT

Name of Work: MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

Item No	Description of Work		Estimated Cost	1 Cost		M/s Constr	M/s.Hawan Construction Co.	Ç X	M/s.Al-Rehman Construction & Contractor
		Quantity	Rate	Per	Amount	Rate	Amount		Rate
_	Mfg. of Stainless steel shaft 25mm dia & length 305mm by machining having finished size OD=20mm & length								
	280 mm & machining at end side step cutting ahving dia								
	15mm length 30mm i/c making thread on this portion								
	15mm complete length (ii) P/F Glass fiber (H.T.								
	insulator) heat or burn proof imported having								
	OD=25mm & lenght 265mm i/c make hole at centre								
	throughout lenght 15mm dia and fixing on stainless steel								
	shaft by press fit (iii) Providing 55mm dia fiber glass								
	(H.T insulator) Heat & Burn proof & 7mm widthi/c								
	making hole at centre 25mm dia fixing 55mm dia fiber								
	galss washer 03 Nos at insulator shaft at 57mm distance			-					
	each & equal distance (iv). P/F M.S Plate having lenght								
	267mm, width 50mm & thickness 13mm & machining								
	become finished size 260mm lenght, 35mm width &								
	13mm thickness i/c making thread and fixing H.T								
	insulation steel shaft at centre of M.S Plate at 90° by P/F								
	S.S Nuts & bolts 25mm as per sample and instruction of				<u></u>				
	Engineer Incahrge.	12.00 Nos	17,900	Each	214.800	20.585	247 020	J.	20 764
2	Mfg. of Carbon Brush bolder by casting and machining		ļ			- ;	1	١,	30,101
	from imported or equivalent quality phosphorus bronze								
	for the 12 Nos Carbon Brushes of size 40x40x20mm								
	finished size was thickness of brush holder frame at								
	least 5mm. The Rocker Mfg. and provided on each Box								
	or holder are also made of selective bronze alloy in the			_					
	spring loaded device and spring tension adjustment								
	Knob with Chrome steel fingers and Heat resistance								
	fiber tips as per instruction of E/I.	72.00 Nos	12 163	Fach	871 416	13 018	1 002 006		14 020
_		111			<u> </u>	7 7 7 7	2,000,000		1,000

"> 3

Name of Work: MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

		0 % =:	5					4				ω		Item No
TOTAL QUOTED / CORRECTED COST	per sample and instruction of E/I.	specification with the help of 14 Nos Locks & Grips device tooth lock washer and some other washers etc as	Assembling testing and commissioning of all 04 No.	100mm as per sample and instruction of Engineer	dia fiber sleeve Heat proof imported length 345mm	with 12mm holes at both ends & fixing / inserting 24mm	having Length=345mm, B=25mm, thickness = 5mm	Mfc & Providing community.	nut bolts and shape toothed ring of carbon steel as per	side carbon brush holder at the desire angle by means of	bronze and machining which at one side grip shaft of	Mfg. of hold & grips device by casting from phosphorus		Description of Work
	6.00 Sets		36.00 Nos					36.00 Nos				ľ	Ouantity	13 13 13 13 13
	37,297		1,980					11,947	_	,		India	Rate	Estimated Cost
	P/Set		Each					Each				2	Par	Cost
1,811,370	223,782		71,280					430,092				- Almount	Amount	
	42,891		2,277					13,739				Nate	7	M/ Const
2,083,038	257,346		81,972					494,604				Amount		M/s.Hawan Construction Co.
	43,265		2,297					13,859				Kate		M/s./ Const
2,101,182	259,590		82,692					498,924				Amount	1000	M/s.Al-Rehman Construction &

(Muhawad 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 Minimad Choohan)
Chief Engineer (E&M-W)
Member



ATTENDANCE SHEET

NAME OF WORK:-

NAME OF WORK MANUFACTURING OF MULTIPLE BOX CARBON BRUSH HOLDER AND ROCKER ARM SET FOR 1635 KW, SLIP RING TYPE H.T. MOTORS AT K-2 PUMP HOUSE, DHABEJ.

Venue:

The Chief Engineer (IP&D) KW&SB, Room No.5, Block-E at 9th Mile

Karsaz, Karachi.

Date:

25-03-2015 at 2:30 PM

CONTRACTORS / FIRMS / BIDDERS

		, , , , , , , , , , , , , , , , , , ,	Λ
S.No	Name of Firms / Bidders	Contact No.	Signature
	AL Rehman Cont. 8 cont.	0321-2000992	Mr =
	AL Rehman Corst. 8 cont.	dor	rust
			-
	·		
	;		