NIT No.SPPRA Serial No.26939

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

Description of work:

REPAIR AND MAINTENANCE OF 35 MGD KSB PUMP
TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT

OF WORN OUT PARTS & P/F BEARING NO.22330 C¢/W-33 FOR INTERMEDIATE SHAFT OF K-III PUMP HOUSE,

DHABEJI

Date of Opening:

31-03-2016

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

		Bidde	rs' Name	
S. No.	Eligibility / Qualification Criteria	M/s.Kashif Engineering Works	M/s.Malik	& 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	Qualif	ed

(Faisal Ameer)

(Faisal Ameer) D.A.O (E&M-W) Member / Secretary (Saif-ul-Haque)
Additional Director internal
Audit – KMC Member

(Magsoud Ahmed Shaikh) Superintending Engineer (KMC) Member

(Noor Murahimad Chohan) Chief Engineer (E&M) Member

(Syan Washkoor-ul-Hasnain) Chief Engineer (IPD)

Son Convener

NIT Sr. No. SPPRA Serial No.26939

Method of Procurement: Single Stage Single Envelope.

Name of Work:

REPAIR AND MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS & P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT OF K-III PUMP HOUSE, DHABEJI

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department was held on 31-03-2016 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.

(Attendance sheet is enclosed).

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

S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
	M/s.Kashif Engineering Works	Rs.24,95,500/-	Rs.50,000/-	P.O # 11218384 dt:29-03-2016 from HBL Drigh Colony # 1 Branch Karachi.
2.	M/s.Malik & Co.	Rs.26,24,886/-	Rs.55,000/-	P.O # 11280018 dt:30-03-2016 from UBL Branch Karachi.

- 4. The bids do not contain any overwriting or cutting.
- 5. The committee shall examine all the bids as per the qualification / eligibility 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.

(Faisal Ameer)

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 Morahanad Chohan) Chief Engineer (E&M)

Member

(Syed Mashkoor-ul-Hasnain)

Chief Engineer (IPD)

KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)
BID EVALUATION REPORT

14/		
,1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/2016/14 published in daily "Pakistan Observer" "Dunya" & "Sindh Affairs" dt: 09-03-2016. SPPRA Serial No.26939 I.D No.
3	Tender Description/Name of Work/Item:	REPAIR AND MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV-700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS & P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT OF K-III PUMP HOUSE, DHABEJI
4	Method of Procurement:	Single Stage (One Envelop)
5	Tender Published:	Through Press Publication / 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)	N/A
10	Bid (s) Rejected:	NIL
11	Financial Bid Opening Date:	31-03-2016

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.Kashif Engineering Works	Rs.24,95,500/-	1 st Lowest	@14.996% Above	Pay Order and other documents are available. P.O # 11218384 dt:29-03-2016 Rs.50,000/- from HBL Drigh Colony # 1 Branch Karachi.	Substantially Responsive
2.	M/s.Malik & Co.	Rs.26,24,886/-	2 nd Lowest	@20.958% Above	Pay Order and other documents are available. P.O # 11280018 dt:30-03-2016 Rs.55,000/-from UBL 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.Kashif Engineering Works declared the lowest responsive bidders by the Committee and recommended for sanction from Competent Authority.

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

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 Manathmad Chohan) Chief Engineer (E&M) Member (Syed Mashkoor-ul-Hasnain) Chief Engineer (IPD)

Aux Convener

COMPARATIVE STATEMENT

Name of Work: REPAIR AND MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV 700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS & P/F BEARING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT OF K-III PUMP HOUSE DHABEJI

Motor Panel i/c heater, help of Hydraulic puller runction of Engineer In struction of Engineer In struction of Engineer In the help of the pof the help of the pof the help of the pof the	Item	Description of Work			Estimated	l-Cost		M/s.Ka W	M/s.Kashif Engg. Works	M/s.Mai	M/s.Malik & Co.
Disconnection of Electric connection from Motor Panel ite heater, bearing Temperature connection from motor. 1 Job 1,275 Pulso 1,275,000 1,460 1,460 1,533 Dismantling & pullou of H.T. Motor from Pump shaft with the help of Hydraulic puller machine & oxygen acetylene flam as per instruction of Fugineer In charge. 1 Job 2,700 9/Job 2,700,00 3,100 3,100 3,255 Removal of Pump casing after dismantling all Nuts from pump base / beaf from the drive end side with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E1. 1 Job 5,550 9/Job 1,500 17,600 18,480 Removal of Bearing No.7330 from bearing bousing with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E1. 1 Job 1,530 P/Job 1,500 17,600 17,600 18,480 Removal of Bearing No.7330 from bearing bousing with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E1. 1 Job 1,530 P/Job 1,530,00 17,600 17,600 18,480 Removal of Bearing No.7330 from bearing bousing with the help of Hydraulic pulsar machine and oxygen acetylene flame as per instruction of E1. 1 Job 1,530 P/Job 30,600,00 17,600 18,480 </th <th></th> <th></th> <th>Quan</th> <th>tity</th> <th>Rate</th> <th>Per</th> <th>Amount</th> <th></th> <th>Amount</th> <th>Rate</th> <th>Amount</th>			Quan	tity	Rate	Per	Amount		Amount	Rate	Amount
Dismarifing Temperature connection from motor. 1 Job 1,275 Pl/Job 1,275,000 1,460 1,533 Dismarifing & pull out of H.T. Motor from Pump basement. 1 Job 2,700 Pl/Job 2,700,000 3,100 3,100 3,235 Removal of Pump casing after dismantling all Nurs from pump casing in half portion. 1 Job 1,530 Pl/Job 1,530,000 17,600 18,480 Removal of Parafrig housing from pump base / bed from the drive end side with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E/I. 1 Job 1,530 Pl/Job 1,530,000 17,600 17,600 18,480 Removal of Bearing housing from bearing housing with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E/I. 1 Job 1,530 Pl/Job 1,530,000 17,600 17,600 18,480 Removal of Bearing Housing from Impeller shaft with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E/I. 1 Job 1,530 Pl/Job 1,530,000 17,600 17,600 18,480 Removal of Bearing Housing from Impeller shaft with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E/I. 1 Job 1,530 Pl/Job 1,530,000 17,600 17,600 18,480 Removal of Bearing Housing from Impeller shaft with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of E/I. 1 Job 1,530 Pl/Job 1,530,000 17,600 17,600 17,600 1,7600 1	_	Disconnection of Electric connection from Motor Panel i/c heater,									, amount
Dismantling & pull out of H.IT. Motor from Pump basement. Removal of Pulley from Pump shart with the help of Hydraulic puller machine & oxygen acetylene flame as per instruction of Engineer in charge. Pull out complete pump ic shaft 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. Removal of Bearing No.7330 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. 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. Removal of Bearing No.7330 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing Housing from Impeller shaft with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Impeller from the Pump shaft with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Searing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Searing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Searing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Searing No.6326 from the Ayron in the Ayron in the Ayron in the Ayron in the Ayr		bearing Temperature connection from motor.	1	Job	1,275	P/Job	1.275.00	1,460	1.460	1.533	1.53
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machine & oxygen acetylene flam as per instruction of Engineer In Inhalf portion. Removal of Pump casing after dismantling all Nuts from pump casing in half portion. Pull out complete pump i/c shaft from pump section 25ft depth as per instruction of E/I. 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. Removal of Bearing No.7330 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of E/I. Removal of Bearing No.5326 from bearing housing with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Section 11,5300 P/Job 15,300.00 17,600 17,600 18,480 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,100 20,055 19,10	υ	Removal of Pulley from Pump shaft with the help of Hydraulic puller						9,500	.,	29400	200
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in half portion. Pull out complete pump i/e shaft from pump section 25ft depth as per instruction of EJI. Removal of Bearing housing from pump base / bed from the drive end side with the help of Hydraulic pullar machine and oxygen acetylene flame as per instruction of EJI. Removal of Bearing No.7330 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of EJI. Removal of Bearing No.7330 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of EJI. Removal of Bearing No.7330 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of Engineer in charge. Removal of Bearing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of EJI. Removal of Neck ring from Impeller with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of EJI. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of EJI. Removal of Impeller from the Pump shaft with the help of Hydraulic pressure machine and oxygen acetylene flame without changing the shape of Impeller by highly skilled workers as per I Job 15,300 PJob 30,600.00 19,100 20,055 Removal of EJI. Removal of Impeller flom 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 I Job 12,850 PJob 30,600.00 22,240 2,240 2,352 PJob 30,600.00 19,100 19,100 19,100 20,055 PJob 30,600.00 19,100 19,100 20,055 PJob 30,600.00 19,100 19,100 20,055 PJob 30,600.00 19,100 20,055 PJob 30,600.00 19,100 20,055 PJob 30,600.00 19,100 20,055 PJob 30,600.00 19,100 20,055	4	Removal of Pump casing after dismantling all Nuts from pump casing							3	3,00	10,1
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Instruction of E/I. 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. Removal of Bearing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of E/I. Removal of Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 15,300 P/Job 15,300.00 19,100 19,100 20,055 P/Job 22,850.00 26,270 27,585	7	Removal of Bearing No.7330 from bearing housing with the help of				3.	5			,	
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. Removal of Bearing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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. 2 Jobs 15,300 P/Job 15,300.00 17,600 17,600 18,480 15,300.00 19,100 20,055 15,300.00 19,100 20,055 15,300.00 19,100 20,055 15,300.00 10,100 20,055 15,300 10,10		machine and oxygen acetylene flame as									
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. Removal of Bearing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 15,300 P/Job 15,300.00 19,100 19,100 20,055 15,300.00 17,600 35,200 18,480 22,850.00 26,270 26,270 27,585		instruction of E/I.	2	Jobs	15,300	P/Job	30,600.00	19,100	38,200	20,055	40.1
Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer in charge. Removal of Bearing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 15,300 P/Job 15,300.00 19,100 19,100 20,055 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job S22,850.00 26,270 26,270 27,585	00	Removal of Bearing Housing from Impeller shaft with the help of									
instruction of Engineer in charge. Removal of Bearing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 15,300 P/Job 15,300.00 19,100 20,055 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job		oxygen acetylene flame as									
Removal of Bearing No.6326 from bearing housing with the help of Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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. Removal of Bearing No.6326 from bearing housing with the help of Hydraulic pressure instruction of 2 Jobs 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 30,600.00 P/Jo			_	Job	15,300	P/Job	15,300.00	17,600	17,600	18,480	18.4
Hydraulic puller machine and oxygen acetylene flame as per instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 15,300 P/Job 15,300.00 19,100 19,100 20,055 19,000 17,600 35,200 18,480 19,100 19,100 20,055 19,100	9	Removal of Bearing No.6326 from bearing housing with the help of									
Instruction of E/I. Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 15,300 P/Job 15,300.00 19,100 20,055 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job 15,300 P/Job 30,600.00 17,600 35,200 18,480 P/Job 15,300 P/Job		as									
Removal of Neck ring from Impeller with the help of Hydraulic pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 22,850 P/Job 30,600.00 17,600 35,200 18,480 P/Job 22,850.00 26,270 27,585		instruction of E/I.	_	Job	15,300	P/Job	15,300.00	19.100	19.100	20.055	20.0
pressure machine and oxygen acetylene flame as per instruction of Engineer incharge. 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 22,850 P/Job 30,600.00 17,600 35,200 18,480 P/Job 22,850.00 26,270 27,585	10	Removal of Neck ring from Impeller with the help of Hydraulic									
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. 2 Jobs 15,300 P/Job 30,600.00 17,600 35,200 18,480 1 Job 22,850 P/Job 22,850.00 26,270 26,270 27,585		pressure machine and oxygen acetylene flame as per instruction of	i.								
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 22,850 P/Job 22,850.00 26,270 27,585		Engineer incharge.	2	Jobs	15,300	P/Job	30.600.00	17.600	35,200	18.480	36 96
nd oxygen acetylene flame without r by highly skilled workers as per 1 Job 22,850 P/Job 22,850.00 26,270 26,270 27,585	11	Removal of Impeller from the Pump shaft with the help of heavy duty						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	9		00,0
r by highly skilled workers as per 1 Job 22,850 P/Job 22,850.00 26,270 26,270 27,585		Hydraulic pressure machine and oxygen acetylene flame without						-116.0		×	
1 Job 22,850 P/Job 22,850.00 26,270 26,270 27,585		changing the shape of Impeller by highly skilled workers as per)				
		Instruction of Engineer Incharge.	1 -	Job	22,850	P/Job	22,850.00	26,270	26,270	27,585	27,585

D.A.O (EEM)

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reating & press in process.	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 lenght of slot 45mm, width 9mm as per instruction of Engineer Incharge i/c fixing of Sleeve in Pump shaft by	Engineer Incharge.	size dia O.D=560mm, ID=512mm, width=50mm, inner dia 527mm & depth 40mm i/c fixing on pump Impeller as per instruction of	3%, Iron 22%, Cadmium 2%, Cabalt 1%, Silicon 2% with casting	700-820A from alloy stainless steelby casting from free air pocket & Air bubble having composition stainless steel 65%, Carbon 5% lead	Local Mfg. of Impeller Protective Ring of KSB Pump type RDLVE	the ring on pump casing as per instruction of Enigneer Incharge.	of ring a tcenter for holding purpose of ring at pump casting i/c fixing	making collar at half portion of ring 5mm depth & width at outer dia	makinginner dia from Neck Ring side 551mm, depth 40mm i/c	dia 550mm, ID=495mm, width / depth complete curve side 55mm,	size OD=600mm, ID=475mm, height 110mm, having finished size	1% Maganese 0.25%, aluminum 2% and Zinc 37.55% with casting	air poacket, having compositio Copper 58% Tin 1%, Lead 2% Iron,	type RDLV 700-820A from Manganese Bronze by casting from free	instruction of E/I.	help of Hydraulic pressure machine and oxygen acetylene falm as per	Removal of Protective Pump casing ring from pump casing with the	per instruction of E/I	the help of Hydraulic puller machine and oxygen acetylene flame as	Removal of Upper Sleeve & Lower Sleeve from the Pump shaft with		Description of Work
_		2					2									2	}}		2			BuQ	
No.		Nos					Nos									Jobs	ia D		Jobs			Quantity	
73,997		53,775					163,445									15,300			15,300			Rate	Estimated
Each	2	Each					Each									P/Job			P/Job			Per	l Cost
73,997.00	Ä	107,550.00					326,890.00									30,600.00			30,600.00			Amount	
85,000		61,840					187,960									17,600			17,600			Rate	M/s.Ka W
85,000		123,680			-		375,920									35,200			35,200			Amount	M/s.Kashif Engg. Works
89,250		64,932					197,358									18,480			18,480			Rate	M/s.Ma
89,250		129,864					394,716									36,960			36,960			Amount	M/s.Malik & Co.

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80,900	80,900	77,050	77,050	67,000.00	P/Job	67,000	l Job	Balancing of Pump shaft dynamically after fixing of Impeller on the Pump shaft as per instruction of E/Incharge.	21
28,000	28,000	26,565	26,565	23,100.00	P/Job	23,100	l Job	Fixing of the Impeller on the newt Pump shaft with the help of hydrualic press machine & oxygen acetylene flam as per instruction of E/Incharge.	20
56,490	5,649	53,800	5,380	46,790.00	Each	4,679	10 Nos	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.	19
47,754	7,959	45,480	7,580	39,564.00	Each	6,594	6 Nos	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 lenght 1" making inside same dia 25mm & making thread inside 24mm complete i/c making hexagonal shape at other dia each side width =10mm & lenght 25mm as per sample & instruciton of Engineer Incharge.	120
161,620	161,620	153,930	153,930	138,605.00	Each	138,605	Z _o	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 lenght 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, Lenght of slot 45mm i/c fixing of pump shaft by heating & press fit process as sample & instruction of Engineer Incharge	17
Amount	Rate	Works Amount	Rate	Amount		Rate	Quantity	Description of Work	No
k & C₀.	M/s.Malik & Co.	M/s.Kashif Engg.	M/s.Ka	2	Cost	Estimated		Donorintion of Work.	Item

D.A. O(BEAM)

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Item No	Description of Work	Quantity	-	Estimated Cost	1 7	Cost	Cost Amount	Amount	M/s.Kash Wor	M/s.Kashif Engg. Works Amount Rate Amount
22	Local Mfg. and Fixing of spacer ring for Impeller Pump Shaft from	,	ŀ		1	,	1			ATTENDED TO
	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.	_	No	5,309	П	Each	ach 5,309.00		5,309.00	5,309.00 6,100
23	Providing / Fixing lock spring MB-26 for Bearing No.6326 C_3									
	Branded SKF as per instruction of E/Incharge.	-	No No	2,500		Each	Each 2,500.00		2,500.00	2,500.00 2,875
24	Providing / Fixing of 20mm x 20mm each 4 side Teflon Gland						1			
	taı									
	instruction of E/Incharge.	5	ν ₀	2,000	0_	0 P/Kg		P/Kg	P/Kg 10,000.00	P/Kg 10,000.00 2.300
	Providing of USA made DADEX Jointing solution at the site.	1	Kg	1,500	0	0 P/Kg		P/Kg 1,500.00	P/Kg 1,500.00 1,750	P/Kg 1,500.00 1,750 1,750
26	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								100	
	E/Incharge	S	Mtr	1,043		P/Mtr	P/Mtr 5,215.00		5,215.00	5,215.00 1,200
	Supply of Cotton Waste (White bleached) 100 Lbs.	100	Lbs	60		P/Lbs	P/Lbs 6,000.00		6,000.00	6,000.00 70 7,000
28	Fixing of complete Pump Impeller Shaft at lower pump room &									
	titting of 48 Nos. Nuts of pump casing leak proof as per instruction of E/Incharge	-	-) ;				
29	Fixing of Intermediate shaft of 35 MGD KSR Pump with Impeller	-	200	0,000		1/300	0,300.00	†	0,300.00	8,300:00 9,330
	shaft by coupling bush with zero alignment as per origin tight fit							- 74		
	Nuts & Bolts.	_	Job	5,905		P/Job	P/Job 5,905.00		5,905.00	5,905.00 6,790
30	Fixing of Pulley of Pump shaft by the help of Hydraulic pressure				$\overline{}$					
	machine and oxygen acetylene flame	-	Job	16,650	-	P/Job	7/Job 16,650.00		16,650.00	16,650.00 19,100
	·									

J. A. o(Eam)

Per Amount Rate Amount Rate A Per I Amount Rate Amount Rate A Per Amount Rate Amount Rate A Prist Amount Rate A Amount Rate Amount								51		
Local Mfg. of Rubber lined bearing bush from phosphorns bronze material having OD=240mm, ID=170mm & length 260mm by centrifugal easting free to air bubble / air pocke twith finished outer dia 210mm, ID=185mm, length 230mm ic making sep cutting between outer bush dia 220mm, width 10mm ic making sep cutting between outer bush dia 220mm, width 10mm ic making sep cutting between outer bush dia 20mm, length 120mm ic making sep cutting between outer bush dia 20mm, length 120mm ic making sep cutting between outer bush dia 20mm, length 120mm ic making sep cutting between outer bush dia 20mm, length 120mm ic making sep cutting between outer bush dia 20mm, width 10mm ic making sep cutting between outer bush dia 20mm, width 10mm ic making sep cutting between outer bush dia 20mm, length 120mm ic making sep cutting between outer bush dixing of Buyl Rubber compound lining harving resistance temperature, workable to water lubricants & capable to afford & friction by compresed molding process inside the formze bush having outer dia 185mm, inner dia 160mm, & length 250 ic making groove square shape at rubber line 10 Nos each and equal distance form width, 7mm depth at complete length 240mm for pasing water tubricants as per instruction of Engineer Incharge. 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 variadium Pharmeceuticla shaft from 178mm dis, length 37mm, finished size OD=170mm, ID=128mm width 35mm having thamfered at one end side 60° at Corner length 10mm ic making square groove for griping 06 Nos ic tempering & 11 No 28,399 Pi/Job 28,399,00 32,700 32,700 32,700 34,335 Local Mfg. of Water throat ring of KSB Pump from special 11 No 28,00 Pi/Job 28,399,00 32,700 32,700 32,700 32,700 28,760 30,198 11 No 25,016 12 No 25,016 13 No 25,016 14 No 25,016 14 No 25,016 15 No 25,016 16 Each 25,016,00 28,760 30,198	Item	Description of Work		Estimateo	1 Cost		W/S.Ka	orks	M/s.Ma	lik & Co.
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 pocke twith finished outer dia 210mm, ID=185mm, length 250mm i/c making sclop cutting between outer bush dia 220mm, width 10mm i/c making step cutting between outer bush dia 220mm, width 10mm i/c making step cutting between outer bush dia 220mm, width 10mm i/c making step cutting between outer bush dia 220mm, under the compound liming having resistance compand liming having resistance compand liming having resistance compand liming having resistance compand liming having resistance compressed molding process inside the bronze bush having outer dia 185mm, nimer dia 160mm, & length 250 i/c making groove square shape at rubber line 10 Nos each and equal distrace 6mm width, 7mm depth at complete length 240mm for passing water lubricants as per instruction of Engineer Incharge. Local Mfg. & fixing of Chuek Nur / Lock Nur with locking washer device of Specific feather to with Stand against dynamic stress on the Pump set during operation with vanadium Pharmoceutical 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 griping 06 Nos i/c tempering & hardening as per instruction of Elncharge. Local Mfg. of Water throat ring of KSB Pump from special phosphorus bronze maganese with centrifugal casting having OD=230MM, ID=147mm, length 46mm i/c making finished size with collar dia 150mm, complete overall dia 210mm, niner collar dia 152mm, complete overall dia 210mm, collar thickness 5mm both side, total with 50mm i/c making two slots 5mm width & 5mm depth i/c making 60 hole 130mm, collar thickness 5mm both side, total with 50mm i/c making two slots 5mm width & 5mm depth i/c making 60 hole 130mm, collar thickness 5mm both side, total part of the property of	INO		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
hardening as per instruction of E/Incharge. Local Mfg. of Water throat ring of KSB Pump from special phosphorus bronze maganese with centrifugal casting having OD=230MM, ID=147mm, length 46mm i/c making finished size with collar 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 32,700 32	31	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 pocke twith 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 compresed 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 distnace 6mm width, 7mm depth at complete length 240mm for pasing water lubricants as per instruction of Engineer Incharge. 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	- No	120,299	Each	120,299.00	138,340	138,340	145,257	145,257
Local Mfg. of Water throat ring of KSB Pump from special phosphorus bronze maganese 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 28,760 30,198	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 griping 06 Nos i/c tempering & hardening as per instruction of E/Incharge.	Job	28,399		28,399.00	32,700	32,700	34,335	34,335
	33	Local Mfg. of Water throat ring of KSB Pump from special phosphorus bronze maganese 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.	_ 	25.016		25.016.00	28,760	28.760	30,198	30.198
		16 V	- No	25,016		25,016.00	28,760	28,760	30,198	30,198

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Item	n Description of Work			Estimated	Cost		M/s.Ka W	M/s.Kashif Engg. Works	M/s.Mal	M/s.Malik & Co.
140		Quantity	tity	Rate	Per	Amount	Rate	Amount	Rate	Amount
34	Local Mfg. of Gland lantern Neck Ring of KSB Pump from special									
	phsophrus bronze manganese ith centrifugal casting having OD=230, ID=147mm, width = 25mm & making / polishing having									
	, & ID=162mm, width 15mm as									
	E/Incharge.	_	o N	12,076	Each	12,076.00	13,500	13,500	14,175	14,175
35	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/Inchage.	1	o	14,575	Each	14,575.00	16,760	16,760	17,598	17,598
36	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	9,000	18,000	9,450	18,900
	i) Providing pure Stainless Steel Nut s& Bolts i/c washer 'M' Brand									
	size 15mm to 25mm.	15	Zg Zg	725	P/Kg	10,875.00	830	12,450	870	13,050
	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	Z g	1,500	P/Kg	15,000.00	1,750	17,500	1,830	18,300
37	Providing Bearing No.22330 CC/W33 in SKF brand of									
	Intermediate Shaft:	1.00	No	210,700	P/Job	210,700	242,300	242,300	254,415	254,415
	/ a) Vibration Analysis Service fee	1.00	Job	90,000	P/Job	90,000	103,500	103,500	108,675	108,675
	(b) Dynamic Balancing service fee	1.00	Job	165,000	P/Job	165,000	189,750	189,750	199,230	199,230
	c) Laser Alignment / Checking.	1.00	Job	98,000	P/Job	98,000	112,700	112,700	118,335	118,335
	d) Bearing Mounting / Dismounting by digital heater.	1.00	Job	85,000	P/Job	85,000	97,750	97,750	102,600	102,600
	e) Transportation charges of all equipments (Loading / Un-loading)	1.00	Job	35,000	P/Job	35,000	40,250	40,250	42,260	42,260
	f) Up down of SKF Certified Engineers (02 Days)	1.00	Job	36,000	P/Job	36,000	41,000	41,000	43,470	43,470
Г	g) Weight / Shims / Lubricants of SKF charges	1.00	Job	29,600	P/Job	29,600	34,000	34,000	35,700	35,700

TOTAL QUOTED / CORRECTED COST		IOIA	ECE	loadii	differ loadi	39 Trans differ loadii												
ump House i/c		AL QUUIED / CORRECTED COST	loading & unloading.	different workshop at Karchi and back to Dhabeji Pump House i/c		Transportation, loading & un-loading charges at Dhabeji to Karachi	nsportation, loading & un-loading charges at Dhabeji to Karachi	m/c free to vibration & noise testing. Transportation, loading & un-loading charges at Dhabeji to Karachi	pulley & pump pulley ith accurate accuracy digital level indicating m/c free to vibration & noise testing. Transportation, loading & un-loading charges at Dhabeji to Karachi	oon all lead terminal motor from C.T.C i/c coupling the motor ley & pump pulley ith accurate accuracy digital level indicating free to vibration & noise testing. Insportation, loading & un-loading charges at Dhabeji to Karachi	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. Transportation, loading & un-loading charges at Dhabeji to Karachi	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. Transportation, loading & un-loading charges at Dhabeji to Karachi	of H.T electric cable at motor panel and also cannext 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. Transportation, loading & un-loading charges at Dhabeji to Karachi	H.T electric cable at motor panel and also cannext the bearing perature, heater temperature connection by removing & finished son all lead terminal motor from C.T.C i/c coupling the motor ey & pump pulley ith accurate accuracy digital level indicating free to vibration & noise testing. nsportation, loading & un-loading charges at Dhabeji to Karachi	ruff surface without disturbing orogin surface & making connection of H.T electric cable at motor panel and also cannext 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. Transportation, loading & un-loading charges at Dhabeji to Karachi	ing of Motor at Pump base frame after removing the corrosion & surface without disturbing orogin surface & making connection H.T electric cable at motor panel and also cannext the bearing perature, heater temperature connection by removing & finished on all lead terminal motor from C.T.C i/c coupling the motor ey & pump pulley ith accurate accuracy digital level indicating free to vibration & noise testing.	Fixing of Motor at Pump base frame after removing the corrosion & ruff surface without disturbing orogin surface & making connection of H.T electric cable at motor panel and also cannext 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. Transportation, loading & un-loading charges at Dhabeji to Karachi	ing of Motor at Pump base frame after removing the corrosion & surface without disturbing orogin surface & making connection H.T electric cable at motor panel and also cannext the bearing perature, heater temperature connection by removing & finished on all lead terminal motor from C.T.C i/c coupling the motor ey & pump pulley ith accurate accuracy digital level indicating free to vibration & noise testing.
-			1 Job				1 Job	1 Job	1 Job	1 Job	1 Job	Job	Job	Job	Job	Job	Quantity 1 Job	Quantity 1 Job
Job			30,000			֡֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	47 111	47 111	47 111	47 111	47 111	47 111	47 111	47 111	47 111	47 111	Rate	Rate Per
			P/Job		Т		P/Ioh											
30,000 P/Job	7 170 075		30.000.00		,1.1.00	4/	47.111.00	47 111 00	47 111 00	47 111 00	47 111 00	47 111 00	47 111 00	47 111 00	47 111 00	47 111 00	Amount 47.111.00	Amount
30,000 P/Job		10000	35 000		57,000		54 000	\$4,000	\$4,000	5 4 000	\$4,000	\$ 4 000	\$ 4 000	54 000	54 000	54 000	Rate	Rate
30,000 P/Job	2 405 500	000000	35 000		07,000	74 = = =	54 000	54 000	54 000	54 000	54 000	54 000	54 000	54 0000	54 000	44 000	Amount 54 000	Amount 54 000
30,000 P/Job 30,000.00 35,000		27,700	30 000		019100	5//50	54.000 57.750	57 750	57 750	57.750	57.750	57.750	57.750	57.750	57.750	Kate 57.750	Rate	Rate
30,000 P/Job 30,000.00 35,000	2001676	00,700	30,000				57 750									A	A	A

Member / Secretary D.A.O (E&M-W) (Faisal Ameer)

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

(Maqsood Ahmed Shaikh) Superintending Engineer (KMC) Member

Member

(Noor Waldannaa Chohan) Chief Engineer (E&M-W)

(Syed Mashkoor-ul-Hasmain) Chief Engineey (IPD)

ATTENDANCE SHEET

NAME OF WORK:-

NAME OF WORK

REPAIR AND MAINTENANCE OF 35 MGD KSB PUMP TYPE RDLV 700-820A PUMP SET NO.4 BY REPLACEMENT OF WORN OUT PARTS & P/F BERING NO.22330 CC/W-33 FOR INTERMEDIATE SHAFT OF K-III PUMP HOUSE DHABEJI

Venue:

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

Karsaz, Karachi.

Date:

31-03-2016 at 2:30 PM

CONTRACTORS / FIRMS / BIDDERS

S,No	Name of Firms / Bidders	Contact No.	Signature
1	Kashif Engg. works	0321-2179979	1516 alin
2	Kashif Engg. works Malik & Co.	0333-6233193	(Denis
	\	}	
			A ·

NIT No. SPPRA Serial No. 26939

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

Description of work:

MANUFACTURING AND SUPPLY OF CARBON BRUSHES

FOR 1635 KW SLIP RING TYPE H.T MOTOR\$ AT K-2

PUMP HOUSE, DHABEJI

Date of Opening:

31-03-2016

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

		Bidder		
S. No.	Eligibility / Qualification Criteria	M/s.Al-Rehman Construction & Contractor		.Hawan ruction 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. regred 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	1	V/A
10.	Qualified/ disqualified	Qualified	Qu	alified

(Faisal Ameer) D.A.O (E&M-W) Member / Secretary

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

ult

(Magsood Ahmed Shaikh) Superintending Engineer (KMC)

Member

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

(Syed Mashkoor, ul-Hasnain) 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
2	Tender Reference No:	KWSB/DPR/2016/14 published in daily "Pakistan
		Observer" "Dunya" & "Sindh Affairs" dt: 09-03-2016.
		SPPRA Serial No.26939 I.D No
3	Tender Description/Name of	MANUFACTURING AND SUPPLY OF CARBON
	Work/Item:	BRUSHES 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 Publication / Web Site
6	Total Bid Documents Sold:	02 Nos
7	Total Bid Received:	<u>02 Nos</u>
8	Technical Bid Opening Date	N/A
	(if applicable):	
9	No. of Bid Technically	N/A
	Qualified (if applicable)	
10	Bid (s) Rejected:	NIL
11	Financial Bid Opening Date:	31-03-2016
	A contract of the contract of	

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.24,69,600/-	1 st Lowest	@14.993% Above	Pay Order and other documents are available. P.O # 03204287 dt:31-03-2016 Rs.50,000/from Faisal Bank Clifton Branch Karachi.	Substantially Responsive
2.	M/s.Hawan Construction Co.	Rs.24,85,000/-	2 nd Lowest	@15.711% Above	Pay Order and other documents are available. P.O # 11253732 dt:31-03-2016 Rs.50,000/-from UBL Shaheed-e-Millat 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 the lowest responsive bidders by the Committee and recommended for sanction from Competent Authority.

(Faisal Ameer) D.A.O (E&M-W) Member / Secretary

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

(Magsood Ahmed Shaikh) Superintending Engineer (KMC) Member

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

(Syed Mashkoor-ut-Hasnain) Chief Engineer (IPD)

NIT Sr. No. SPPRA Serial No.26939

Method of Procurement: Single Stage Single Envelope.

Name of Work:

MANUFACTURING AND SUPPLY OF CARBON BRUSHES 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 was held on 31-03-2016 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.Al-Rehman Construction & Contractor
 - ii. M/s. Hawan Construction Co.
- The bids were opened at 2:30 P.M in the presence of the above mentioned participants 3. 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.24,69,600/-	Rs.50,000/-	P.O # 03204287 dt:31-03-2016 from Faisal Bank Clifton Branch Karachi.
/	M/s.Hawan Construction Co.	Rs.24,85,000/-	Rs.50,000/-	P.O # 11253732 dt:31-03-2016 from UBL Shaheed-e-Millat Branch Karachi.

- The bids do not contain any overwriting 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).

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

(Faisal Ameer)

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

Member / Secretary

(Saif-ul-Haque)

Additional Director Internal Audit – KMC Member

(Magsood Ahmed Shaikh)

Superintending Engineer (KMC)

Member

(Noor Mohammad Chohan) Chief Engineer (E&M)

Member

(Syed Mashkoor ul-Hasnain)

Chief Engineer (IPD)

ATTENDANCE SHEET

NAME OF WORK:-

NAME OF WORK

MANUFACTURING AND SUPPLY OF CARBON BRUSHES 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:

31-03-2016 at 2:30 PM

CONTRACTORS / FIRMS / BIDDERS

S.No	Name of Firms / Bidders	Contact No.	Signature
	AL Rehman Cont. & Contactor	033294000061	Sent
	AL Rehman Cont. & Contactor Haman Cost. Co	03212000992	(h-)
	/		
			-/
	7 21		
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NIT No.SPPRA Serial No.26939

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

Description of work: MAN

MANUFACTURING AND SUPPLY OF CARBON BRUSHES

FOR 1635 KW SLIP RING TYPE H.T MOTORS AT K-2

PUMP HOUSE, DHABEJI

Date of Opening:

31-03-2016

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

Eligibility/ Qualification Criteria:

		Bidder	s' 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 (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

(Faisal Ameer)

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) Member

(Syed Mashkoor ul-Hasnain) Chief Engineer (IPD)

Sort Convener

COMPARATIVE STATEMENT

Name of Work: MANUFACTURING AND SUPPLY OF CARBON BRUSHES FOR 1635 KW SLIP RING TYPE H.T MOTORS AT K-2 PUMP HOUSE, DHABEJI

											_		Z	Item
TOTAL QUOTED / CORRECTED BID COST		Incharge.	x 20mm as per instruction of Engineer	other side of H.T Lead fixing Clip size 18mm	86mm length at Carbon Brush end side at	fixing tweisted flexible Copper lead 6mm and	size 45mm x 40mm x 20mm i/c providing &	for 1635 KW H.T Slip ring type Motor having	20% Carbon & 15% Chandi imported quality	Brushes having composition of 75% Copper,	Manufacturing and Supplying of Carbon		Description of Work	
	700 Nos											Quantity		
	3,068									E		Rate	Estimated Cost	
U	Each											Per	Cost	Cost
2,147,600	2,147,600											Amount		
	3,528				-					14		Rate	& Con	M/s.Al-Rel
2,469,600	2,469,600											Amount	& Contractor	M/s.Al-Rehman Const.
	3,550		×									Rate	Constru	M/s.l
2,485,000	2,485,000											Amount	Construction Co.	M/s.Hawan

Member / Secretary (Faisal Ameer) D.A.O (E&M-W)

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

Superintending Engineer (KMC) (Maqsood Ahmed Shaikh) Member

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

(Syed Mashkoor ut Hasnain) Chief Engweer (IPD) Convener