



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT

1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KW&SB/DPR/2015/61 & INF-KRY-1745/15 published in daily "Sindh Express" "Dunya" dt: 07-05-2014 and daily "Pakistan Today Business" dt: 09-05-2015. SPPRA Serial No.24043 LD No. /2015
3	Tender Description/Name of Work/Item:	ENGINEERING SERVICES (MECH. & ELECT.) OF SET NO # 05 KSB PUMP TYPE (SNW 600-720) AT K-III PUMP HOUSE, N.E.K
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press / SPPRA Web Site</u>
6	Total Bid Documents Sold:	<u>2 Nos</u>
7	Total Bid Received:	<u>2 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>01 No</u>
11	Financial Bid Opening Date:	28-05-2015

12 BID EVALUATION REPORT

S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	<u>M/s.G.M Enterprises</u>	<u>Rs.22,84,000/-</u>	1 st Lowest	@1.065% Above	Pay order and other required documents are attached. P.O # 12590178 dt:27-05-2015 Rs.46,000/- from HBL Hassan Square Branch Karachi	Substantially Responsive
2.	M/s.Nabiha & Co.	Rs.23,54,000/-	-	@4.164% Above	Pay order and other required documents are not attached.	Un-Responsive

The all concerned bidders are being informed accordingly.

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

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

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

COMPARATIVE STATEMENT

of Work: ENGINEERING SERVICES (MECH. & ELECT.) OF SET NO # 05 KSB PUMP TYPE (SNW 600-720)
AT K-III PUMP HOUSE, N.E.K

Description of Work	Estimated Cost				M/s. G.M Enterprises	
	Quantity	Rate	Per	Amount	Rate	Amount
the power supply then dismantle the 11 KV 525 KW driven motor from foundation complete in all respect and direction of E/I. of work as under: oval of heat exchanger system completely. oval of three nos. terminal box (RTD Winding, RTD upper / lower & RTD heating. oval of main connection box. g of Angular Contact Ball Bearing # 7330 SKF with ng services for Pump No.1. on Analysis Services fee ic Balancing Service fee Alignment Service fee g Mounting / Dismounting Service fee. ortation charges of all equipment. / Shims / Lubricants of SKF LGMT 3/1 SKF Brand (Imported) ing and Fixing of Bearing No.NU 1024 ML in SKF Brand. ing and Fixing of Bearing No.GJ 324 N2 MAC4/R841 in and with following services. on Analysis Services fee ic Balancing Service fee Alignment Service fee g Mounting / Dismounting Service fee. ortation charges of all equipment. / Shims / Lubricants of SKF ing Grease LGHP 2/1, SKF Brand	1	Job	P/Job	41,278	42,000	42,000
	2.00	Jobs	P/Job	310,000	620,000	630,000
	1.00	Job	P/Job	55,000	55,000	50,000
	1.00	Job	P/Job	123,000	123,000	125,000
	1.00	Job	P/Job	98,000	98,000	100,000
	2.00	Jobs	P/Job	52,000	104,000	110,000
	1.00	Job	P/Job	22,000	22,000	20,000
	1.00	Job	P/Job	22,600	22,600	25,000
	15.00	Kg	P/Kg	1,950	29,250	28,500
	1.00	No	Each	45,000	45,000	45,000
	1.00	Job	P/Job	256,000	256,000	255,000
	1.00	Job	P/Job	35,000	35,000	40,000
	1.00	Job	P/Job	93,000	93,000	90,000
	1.00	Job	P/Job	65,000	65,000	65,000
	2.00	Jobs	P/Job	32,000	64,000	70,000
1.00	Job	P/Job	12,000	12,000	10,000	
1.00	Job	P/Job	25,000	25,000	25,000	
3.00	Kg	P/Kg	6,500	19,500	19,500	


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Name of Work: ENGINEERING SERVICES (MECH. & ELECT.) OF SET NO # 05 KSB PUMP TYPE (SNW 600-720)
 AT K-III PUMP HOUSE, N.E.K

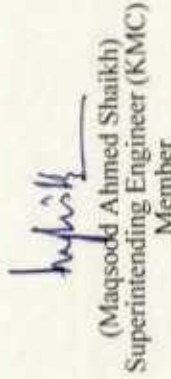
Item No	Description of Work	Estimated Cost			M/s.G.M Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount
7	Overhauling of 11 KV 525 KW Electric Motor. Scope of Work as under: * Removal of coupling from Motor Shaft. * Initial testing and dismantling of Motor. * Washing/Cleaning of winding with special cleaning agent CTC * Drying of winding at temp. of 75°C temperature. * Testing of winding before impregnation. * Impregnation of winding with Class 'F' insulation and drying. * Complete checking & balancing of rotor after decarbonise. * Drying, heating of motor and rotor. * Decarbonized and cleaning of all three phase connection lead of * Decarbonized, cleaning of all three rotor leads i/c re-taping H.T Class tape both ends points (06 Points) having length 6" each. * Cleaning and replacement of L. T Panel connector for motor heater. * Assembling of all parts i/c rotor motor. * Cleaning and painting of all parts. * Static testing & painting of complete motors. * Witness testing at Site on (NO LOAD) & "LOAD" Operation.	1	329345	P/Job	329,345	330000	330,000
8	Repairing and reconditioning & polishing of bearing housing (upper side) having 1st o.d 315mm, 2nd o.d 250mm, i.d 100mm, depth 140mm, complete in all respect & as per instruction of Engineer Incharge.	1	40300	P/Job	40,300	40000	40,000
9	Repair and reconditioning & polishing of lower bearing housing o.d 250mm, i.d 150mm and depth 75mm, complete in all respect & as per instruction of Engineer Incharge.	1	38460	P/Job	38,460	40000	40,000
10	Repair / reconditioning of heat exchanger tube having dia 45mm with fix inner tube dia 20mm Length of tube 1500 mm.	28	3065	P/Tube	85,820	3000	84,000

**Name of Work: ENGINEERING SERVICES (MECH. & ELECT.) OF SET NO # 05 KSB PUMP TYPE (SNW 600-720)
AT K-III PUMP HOUSE, N.E.K**

Item No	Description of Work	Estimated Cost			M/s. G.M Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount
11	<p>Installation of electric driven motor 11 KV 525 kw type DKRJS45/9-6WF complete in all respect and as per direction of E/I.</p> <p>Scope of work as under:</p> <ul style="list-style-type: none"> * Foundation preparation. * Installation of heat exchanger system completely. * Installation of three Nos terminal box (RTD Winding, RTD bearing upper / lower & RTD heating. * Installation of main connection box. * Alignment of machine / motor by mounting breaks. * Final check all electric connection in the main box tightend * Motor is connected according with the specific direction of * Check grease collector properly full, air points and water colling 	1	36378	P/Job	36,378	40000	40,000
	TOTAL QUOTED / CORRECTED COST				2,259,931		2,284,000


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


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


(Maqsood Ahmed Shaiikh)
Superintending Engineer (KMC)
Member


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


(Abdul Khattar Khattar)
Chief Engineer (EPD)
Convener

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


Description of work: **ENGINEERING SERVICES (MECH. & ELECT.) OF SET NO # 05 KSB PUMP TYPE (SNW 600-720) AT K-III PUMP HOUSE, N.E.K**


Date of Opening: 28-05-2015

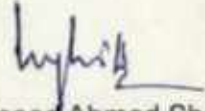
BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT


Eligibility/ Qualification Criteria:

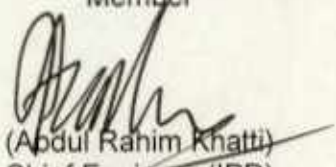
S. No.	Eligibility / Qualification Criteria	Bidders' Name	
		M/s.G.M. Enterprises	M/s.Nabiha & Co.
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	No
3.	Sales Tax Registration	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	No
Qualification Criteria:			
5.	Minimum three years'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


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


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Additional Director Internal
Audit – KMC Member


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


(Abdul Rahim Khattai)
Chief Engineer (IPD)
Convener

NIT No. SPPRA Serial No.24043

Method of Procurement: Single Stage Single Envelope.

Name of Work: ENGINEERING SERVICES (MECH. & ELECT.) OF SET NO # 05
KSB PUMP TYPE (SNW 600-720) AT K-III PUMP HOUSE, N.E.K

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 28-05-2015 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.


(Attendance sheet is enclosed).


2. Two bidders submitted their bids till the deadline of submission.
 - i. M/s. G.M Enterprises
 - ii. M/s. Nabiha & 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.

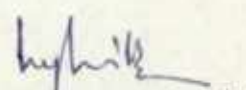
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s.G.M Enterprises	Rs.22,58,350/-	Rs.46,000/-	P.O # 12590178 dt:27-05-2015 from HBL Hassan Square Branch Karachi
2.	M/s.Nabiha & Co.	Rs.23,54,000/-	-	Pay Order not Attached.


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
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Chief Engineer (IPD)
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Date of Opening: 28-05-2015

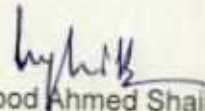
BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

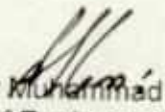
Eligibility/ Qualification Criteria:

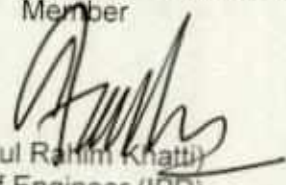
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		M/s.M.B.A Enterprises	M/s.Nabiha & Co.
1.	Registration with PEC (if applicable)	N/A	N/A
2.	NTN	Yes	No
3.	Sales Tax Registration	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	No
Qualification Criteria:			
5.	Minimum three years' experience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


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


(Abdul Rahim Khatt)
Chief Engineer (IPD)
Convener

NIT No. SPPRA Serial No.24043

Method of Procurement:Single Stage Single Envelope.

Name of Work: COMPLETE OVERHAULING OF 6660M/H (35MGD) WEIR PUMP SET "E", AT LOW LIFT PUMP HOUSE AT NEK (P) K-II, PLANT

MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department held on 28-05-2015 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.


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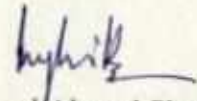
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s. M.B.A. Enterprises	Rs. 18,00,000/-	Rs. 36,000/-	P.O# 12590179 dt:27-05-2015 from HBL Hassan Square Branch Karachi
2.	M/s. Nabiha & Co.	Rs. 19,27,500/-	-	Pay Order not Attached.


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).

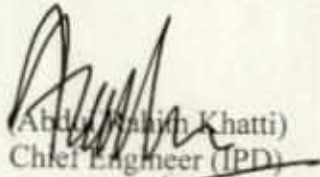
The meeting ended with the vote of thanks to and from the chair.


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KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT

1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KW&SB/DPR/2015/61 & INF-KRY-1745/15 published in daily "Sindh Express" "Dunya" dt: 07-05-2014 and daily "Pakistan Today Business" dt: 09-05-2015. SPPRA Serial No.24043 LD No. /2015
3	Tender Description/Name of Work/Item:	COMPLETE OVERHAULING OF 6660M/H (35MGD) WEIR PUMP SET "E", AT LOW LIFT PUMP HOUSE AT NEK (P) K-II, PLANT
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press / SPPRA Web Site</u>
6	Total Bid Documents Sold:	<u>2 Nos</u>
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8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
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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.M.B.A Enterprises	Rs.18,00,000/-	1 st Lowest	@0.823% Above	Pay order and other required documents are attached. P.O # 12590179 dt:27-05-2015 Rs.36,000/- from HBL Hassan Square Branch Karachi	Substantially Responsive
2.	M/s.Nabiha & Co.	Rs.19,27,500/-	-	@7.965% Above	Pay order and other required documents are not attached.	Un-Responsive

The all concerned bidders are being informed accordingly.

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

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

(Saif-ul-Haque)
Additional Director Internal
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(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


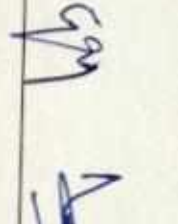


(Noor Muhammad Chohan)
Chief Engineer (E&M-W)
Member

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

COMPARATIVE STATEMENT

Name of Work: COMPLETE OVERHAULING OF 6660M/H (35MGD) WEIR PUMP SET "E", AT LOW LIFT PUMP HOUSE AT NEK (P)
K-II, PLANT

Item No	Description of Work	Estimated Cost			M/s, M.B.A Enterprises			
		Quantity	Rate	Per	Amount	Rate	Amount	
1	Removal of Termination & terminal box isolate the 315KW Electric motor, from pump & remove from the base then dismantle the pump from foundation & de-bolting the equipments (i.e. discharge head 34/28" dia having 30+30 bolts off sizes, in each flange, pipe 28" dia having 30 Bolts off size in each flange. Debolting de-fuser & removal of bellet mouth etc) Then re-assembling the pump after Engineering Services, Complete its termination after servicing & fixing of Terminal Box complete in all respect as per direction of Engineer Incharge.	1	Job	55,938	P/Job	55,938	56,000	56,000
2	Removal of Bearing housing i/c Bearing No.HH9236649 (Roller) with the help of hydraulic pressure machining & oxygen acetylene flame as per direction of E/Incharge.	1	Job	7,175		7,175	7,100	7,100
3	Repairing & Reconditioning, polishing of Bearing housing having size 1st 62mm dia 2nd 31mm dia tapered depth 256mm complete in all respect and direction of E/I.	1	Job	35,075		35,075	36,000	36,000
4	Fixing of roller Bearing No.HH9236649 with the help of heat Engineering proces as per direction of E/I.	1	Job	4,900		4,900	4,900	4,900
5	Removal of Impeller from shaft with the help of hydraulic pressure machine & oxygen acetylene flame as per direction of Engineer Incharge.	1	Job	16,975		16,975	17,000	17,000
6	Reconditioning and balancing of vertical mixed flow type Impeeler Weir Pump GRIR 69 by welding of worn-out wings used special organ welding with the help of Kansai electrodes, machining and grinding to bring finished size without disturbing its original shape & balancing as per direction of E/I.	1	Job	76,950		76,950	76,900	76,900
7	Re-fixing of impeller in pump shaft with the help of hydraulic pressure machine (heavy duty) and balancing with accurate centre as per direction of Engineer Incharge.	1	Job	11,075		11,075	11,000	11,000
8	Mfg. & Providing S.S. Sleeve as per sample size = 80 x 70 x 140 mm & as per direction of E/Incharge.	3	Nos	4,686	Each	14,058	4,685	14,055
9	Mfg. & Providing S.S. Sleeve as per sample size = 80 x 70 x 200 mm & as per direction of E/Incharge.	1	No	6,369	Each	6,369	6,400	6,400
10	Mfg. & Providing S.S. Sleeve as per sample size = 80 x 70 x 235 mm & as per direction of E/Incharge.	1	No	7,342	Each	7,342	7,300	7,300

Name of Work: COMPLETE OVERHAULING OF 6660M/H (35MGD) WEIR PUMP SET "E", AT LOW LIFT PUMP HOUSE AT NEK (P) K-II, PLANT

Item No	Description of Work	Estimated Cost				M/s.M.B.A Enterprises	
		Quantity	Rate	Per	Amount	Rate	Amount
11	Mfg. & Providing M.S. Sleeve as per sample size = 80 x 70 x 340 mm & as per direction of E/Incharge.	3 Nos	3,349	Each	10,047	3,350	10,050
12	Removal of Sleeve with the help of hydraulic pressure machine (Heavy duty) and acetylene flame as per direction of E/I.	8 Nos	11,562	Each	92,496	11,560	92,480
13	Fixing of Sleeve in pump shaft by heat Engineering process as per direction of E/I.	8 Nos	4,900	Each	39,200	4,900	39,200
14	Mfg. & Providing M.S. Lock key as per sample size = 150x 20 x 12mm as per direction of E/Incharge.	6 Nos	771	Each	4,626	775	4,650
15	Mfg. & Providing Spider bush rubber bearing with gun metal stel body re-enforced with neuprem rubber as per sample & direction of Engg. Incharge Size = 1000x80x160mm.	1 No	12,011	Each	12,011	12,000	12,000
16	Mfg. & Providing Spider bush rubber bearing with gun metal stel body re-enforced with neuprem rubber as per sample & direction of Engg. Incharge Size = 1000x80x120mm.	3 Nos	10,217	Each	30,651	10,220	30,660
17	Removal of rubber bearing (Spider Bush) from shaft with the help of hydraulic pressure machine (heavy duty) & acetylene flame as per direction Engineer Incharge.	4 Nos	7,175	Each	28,700	7,180	28,720
18	Fixing of rubber bearing (Spider Bush) in housing by heat engineering process as per direction of E/I.	4 Nos	4,900	Each	19,600	4,900	19,600
19	Mfg. & Providing Stud / Bolts as per sample and direction of E/I.	3 Kgs	725	P/Kg	2,175	700	2,100
20	Mfg. S.S Neck ring having size 540x520x53mm for weir pump as per sample & direction of Engg Incharge.	1 No	17,746	Each	17,746	17,800	17,800
21	Mfg. S.S Neck ring in the defuser housing by Heat Engineering pressur machine.	1 Job	11,562	P/Job	11,562	11,560	11,560
22	Providing 20 x 20 mm Teflon gland packing.	1 Job	4,900	P/Job	4,900	5,000	5,000
23	Providing Rubber flange kaskit Size = 4 x 1/8" thick, 2mm.	5 Kgs	1,250	P/Kg	6,250	1,375	6,875
24	P/F 0.5 Fiber paper sheet (Imported) having width W-1 Meter.	25 Kgs	220	P/Kg	5,500	200	5,000
25	Providing Cotton waste Bags (50 Kgs)	4 Mtr	300	P/Mtr	1,200	300	1,200
26	Providing of Nuts & Bolts i/c Plain & Spring washers.	100 Lbs	60	P/Lbs	6,000	65	6,500
27	Providing-USA Made Dadex jointing solution.	85 Kgs	250	P/Kg	21,250	250	21,250
28		1 Kg	1,200	P/Kg	1,200	1,200	1,200

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Name of Work: COMPLETE OVERHAULING OF 6660M/H (35MGD) WEIR PUMP SET "E", AT LOW LIFT PUMP HOUSE AT NEK (P)
K-II, PLANT

Item No	Description of Work	Estimated Cost			M/s.M.B.A Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount
29	<p>Repairing & Corrosion protective conating in the defuser in lift water transfer Weir Pump with BELAZONA polymeric material (Imported) as per direction of E/I.</p> <p>Detail of Work is as under:-</p> <ul style="list-style-type: none"> > Washing with potable water. > Surface preparation with grit blasting as per SA 1-1/2 Standard. > Decontamination of Blasted surface with Belzona 9111F. > Re-building of pitted and damaged portion with Belzona 1311. > Grinding work. > Corrosion Protective food grade Belzona 1341 coating on the surface areas of the defuser. > Apply a thin layer of Belzona 9411 where Belzona materials should not adhere. 	1	Job	430,000	P/Job	430,000	430,000
30	<p>Overhauling of 3.3. KV, 315 KW A/C Induction Motor Low lift pump House.</p> <p>Scope of work as under:</p> <ul style="list-style-type: none"> * Removal of coupling from motor shaft. * Initial testing and dismantling of Motor. * Washing / Cleaning of winding with special cleaning agent C.T.C * Drying of Winding at 110 C temperature. * Testing of winding before impregnation. * Impregnation of winding with class "F" varnish, insulation and drying. * Complete checking & balancing of rotor after decarbonizes. * Drying, heating of motor and rotor. * Decarburizing and cleaning of all three phase connection lead of motor. * Decarburizing and cleaning of all three rotor lead i/c re-taping H.T class tape both ends point (06 points) heaving lenght 6" each. * Cleaning and replacement of L.T pannel connector for motor heater. * Assembly of all parts i/c rotor motor etc. * Cleaning and Painting of all parts. * Static testing and painting of complete motor. * Witness-testing at site. 	1	Job	259,578	P/Job	259,578	260,000

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Name of Work: COMPLETE OVERHAULING OF 6660M/H (35MGD) WEIR PUMP SET "E", AT LOW LIFT PUMP HOUSE AT NEK (P) K-II, PLANT

Item No	Description of Work	Estimated Cost			M/s. M.B.A Enterprises		
		Quantity	Rate	Per	Amount	Rate	Amount
31	Repair & reconditioning and polishing of (upper side) having 1st O.D= 315mm, 2nd O.D=250mm, I.D 100mm, depth 140mm complete in all respect and as per direction of E/Incharge.	1	Job	40,300	P/Job	40,300	40,000
32	Repair & reconditioning of Lower Bearing housing O.D=250mm, I.D=150mm, depth 75mm complete in all respect & as per direction of E/Incharge.	1	Job	38,460	P/Job	38,460	38,500
33	Providing and fixing of bearing # 7320 BECBM in SKF brand	1.00	No	91,800	Each	91,800	92,000
	Detail of services:-	1.00	No	25,000	Each	25,000	25,000
	Vibration Analysis Service fee	1.00	No	72,000	Each	72,000	70,000
	Dynamic Balancing Service fee	1.00	No	48,000	Each	48,000	50,000
	Service fee for Laser Alignment / Checking.	1.00	No	22,000	Each	22,000	22,000
	Service fee for Bearing Mounting / Dismounting.	1.00	No	12,000	Each	12,000	15,000
	Transportation charges of all equipment.	1.00	No	12,600	Each	12,600	15,000
	Weight / Shims / Lubricants of SKF	1.00	No				15,000
34	Providing and fixing of bearing # NU-320 ECP in SKF brand	1.00	No	83,000	Each	83,000	85,000
	Detail of services:-	1.00	No	22,000	Each	22,000	25,000
	Service fee for Bearing Mounting / Dismounting.	1.00	No	12,600	Each	12,600	15,000
	Transportation charges of all equipment.	10.00	Kgs	6,500	P/Kg	65,000	65,000
35	Providing Grease LGHP 2/1, SKF Brand					1,785,309	1,800,000
	TOTAL QUOTED / CORRECTED COST						

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

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

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

(Abdul Rauf Khan)
Chief Engineer (PD)
Convener