

NIT No.SPPRA Serial No.36534

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


Description of work: RE-METALLING OF BIG END BEARING OF MAN ENGINE G7V-40/60 OF 1ST. PHASE PUMP HOUSE, DHABEJI.


Date of Opening: 20-02-2018

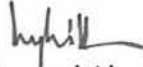
BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT


Eligibility/ Qualification Criteria:


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


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


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

NIT Sr. No. SPPRA Serial No.36534

Method of Procurement: Single Stage Single Envelope.

Name of Work: RE-METALLING OF BIG END BEARING OF MAN ENGINE G7V-40/60 OF 1ST. PHASE PUMP HOUSE, DHABEJI.


MINUTES OF BID OPENING MEETING.


A meeting of the procurement committee of this department was held on 20-02-2018 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. **(Attendance sheet is enclosed).**


2. Two bidders submitted their bids till the deadline of submission.
 - i. M/s.Saim & Co.
 - ii. M/s. Al-Hannan Builders
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.Saim & Co.	Rs.24,91,840/-	Rs.50,000/-	P.O # 03770879 dt:12-02-2018 from Meezan Bank Shamsi Society Branch Karachi
2.	M/s.Al-Hannan Builders	Rs.26,00,000/-	Rs.52,000/-	P.O # 04561082 dt:12-02-2018 from Bank Al Habib Ltd Shamsi Society Branch Karachi

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


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KARACHI WATER & SEWERAGE BOARD
OFFICE OF THE DIRECTOR (DESIGN & ESTIMATE)

BID EVALUATION REPORT


1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/29/2018 Published in daily "The News", "Dunay", "Nawa-e-Waqt" dt:27-01-2018 & daily "Hilal-e-Pakistan" dt:28-01-2018. SPPRA Serial No.36534 I.D No.
3	Tender Description/Name of Work/Item:	RE-METALLING OF BIG END BEARING OF MAN ENGINE G7V-40/60 OF 1ST. PHASE PUMP HOUSE, DHABEJL.
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>02 Nos</u>
7	Total Bid Received:	<u>02 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>NIL</u>
11	Financial Bid Opening Date:	20-02-2018


12 **BID EVALUATION REPORT**

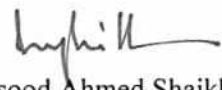
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Saim & Co.	Rs.24,91,840/-	1 st Lowest	@14.974% Above	Pay Order and other documents are attached. P.O # 03770879 dt:12-02-2018 Rs.50,000/-from Meezan Bank Shamsi Society Branch Karachi	Substantially Responsive
2.	M/s.Al-Hannan Builders	Rs.26,00,000/-	2 nd Lowest	@19.964% Above	Pay Order and other documents are attached. P.O # 04561082 dt:12-02-2018 Rs.52,000/-from Bank Al Habib Ltd Shamsi Society Branch Karachi	Substantially Responsive


The all concerned bidders are being informed accordingly.


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


(Muhammad Hanif)
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COMPARATIVE STATEMENT

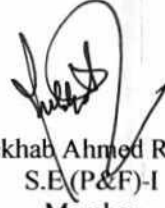
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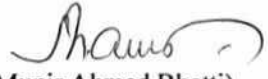
Item No	Description of Work	Estimated Cost				M/s.Saim & Co.		M/s.Al-Hannan Builders	
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount
1	Re-metalling of Bigend Bearing of M.A.N. Engine G-7V-40/60 with White metal 11-R UK (Imported) on Bearing Shell having finished size OD = 11 3/8", ID = 10 5/8" & Length 7" i/c precise machining & polishing to bring to finished size 0.79" from Shell bottom as per instruction of the Engineer in charge.	52.00 Pairs	41679	P/Pair	2,167,308	47920	2,491,840	50000	2,600,000
TOTAL QUOTED / CORRECTED BID COST					2,167,308		2,491,840		2,600,000


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NIT No. SPPRA Serial No.36534

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


Description of work: LOCAL MFG. OF TURBO CHARGER PLAIN & GUIDE BEARINGS AND BEARING SLEEVE FOR MAN ENGINE AT 1ST. PHASE PUMP HOUSE, DHABEJI.


Date of Opening: 20-02-2018

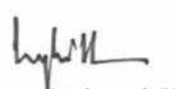
BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT


Eligibility/ Qualification Criteria:


S. No.	Eligibility / Qualification Criteria	Bidders' Name	
		M/s.Saim & Co.	M/s.Aarm Construction
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
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A meeting of the procurement committee of this department was held on 20-02-2018 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. **(Attendance sheet is enclosed).**


2. Two bidders submitted their bids till the deadline of submission.
 - i. M/s.Saim & Co.
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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.Saim & Co.	Rs.20,91,000/-	Rs.41,800/-	P.O # 03770880 dt:12-02-2018 from Meezan Bank Shamsi Society Branch Karachi
2.	M/s.Aarm Construction	Rs.21,82,800/-	Rs.43,700/-	P.O # 04561084 dt:12-02-2018 from Bank Al Habib Ltd Shamsi Society Branch Karachi

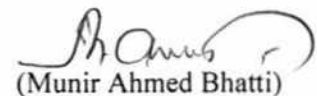
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KARACHI WATER & SEWERAGE BOARD
OFFICE OF THE DIRECTOR (DESIGN & ESTIMATE)

BID EVALUATION REPORT


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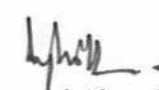
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.Saim & Co.	Rs.20,91,000/-	1 st Lowest	@14.934% Above	Pay Order and other documents are attached. P.O # 03770880 dt:12-02-2018 Rs.41,800/-from Meezan Bank Shamsi Society Branch Karachi	Substantially Responsive
2.	M/s.Aarm Construction	Rs.21,82,800/-	2 nd Lowest	@19.980% Above	Pay Order and other documents are attached. P.O # 04561084 dt:12-02-2018 Rs.43,700/-from Bank Al Habib Ltd Shamsi Society Branch Karachi	Substantially Responsive


The all concerned bidders are being informed accordingly.

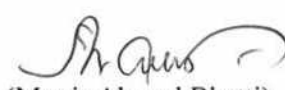
The R.E Concerned for compliance of Rule-45 of SPPRA 2010 **M/s.Saim & Co.** declared the lowest responsive bidders by the Committee and recommended for sanction from Competent Authority.


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COMPARATIVE STATEMENT

Name of Work: LOCAL MFG. OF TURBO CHARGER PLAIN & GUIDE BEARINGS AND BEARING SLEEVE FOR MAN ENGINE AT 1ST. PHASE PUMP HOUSE, DHABEJI.

Item No	Description of Work	Estimated Cost				M/s.Saim & Co.		M/s.Aarm Construction		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
1	Local Manufacturing of Turbo Charger Bearing Sleeve for MAN Engine G7V-40/60 from special alloy casting steel (loyees grade 18 England) having composition carbon 3.2 to 3.5%, Silicon 1.8-2.0%, Manganese 0.5-0.8%, Sulpher 0.04% Max, Phosphorus 0.5% Max Chromium 0.02 to 0.3%, Molybdenum 0.2 to 0.3%, rest of material Pig iron workable to 600°C temp and 13500-15000 rpm having casting size dia 204mm and length 317mm making over all dia Solid Shaft 110mm and length 220mm making Main bearing portion dia 60mm length 53mm and making collar dia 107mm length 11mm and making middle portion dia 65mm length 101mm while making Guide portion dia 60mm length 55mm while making throughout liner dia hole 52mm from Guide Bearing portion to last Plain Bearing side except 11.5mm length at this side inner dia 42mm width 11.5mm, other inside clearance 42mm width 11.5mm other inside clearance dia 54mm length 10mm i/c making at this side corner from inside hole i/c grinding polishing & lapping and case hardening and metal spray process	3.00	Nos	301,490	Each	904,470.00	346,600	1,039,800.00	361,700	1,085,100.00




Name of Work: LOCAL MFG. OF TURBO CHARGER PLAIN & GUIDE BEARINGS AND BEARING SLEEVE FOR MAN ENGINE AT 1ST. PHASE PUMP HOUSE, DHABEJI.

Item No	Description of Work	Estimated Cost				M/s.Saim & Co.		M/s.Aarm Construction		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
2	<p>Local Mfg. of Turbo Charger (Plain & Guide) Bearing form Centrifugal casting Bronze metal base alloy preferably Copper, Lead, Tin, Zinc, Manganese, Nickel Fero, Silicon Manganese, Arsenic, Silver Cobalt in proper composition and percentage avail high temp. 1094°F and 13000-15000 rpm having specification size as under:-</p> <p>Turbo Charger Plain Bearing. OD=115mm, width 22mm at middle portion while one slot at middle portion for Oil purpose having OD=91mm, Width 8mm i/c 03Nos. holes 3mm dia throughout sleeve side OD = 89mm, width 8mm and chord 15mm Internal dia of Bearing 60mm throughout width 38mm one internal slot at corner for oil purpose exhaust side depth 7mm, width 3mm, One key slot at middle 19 x 10mm for Super Charger rotor as per sample & drawing.</p> <p>Turbo Charger Guide Bearing. OD =115mm & Width at middle 22mm at middle portion while one slot at middle for Oiling purpose having OD = 95mm, width 5.5mm i/c 05Nos. making holes 5mm dia and 3mm dia throughout Sleeve side dia 104mm, width 110mm and exhaust rotor side dia 89mm, depth 10mm, ID of Bearing 60mm depth 35mm, while sleeve side internal dia 65mm and depth 8mm, both front side bearing provided 12 grooves wedge shape for special lubricating one key lot at middle 19 x 10mm for Super charger rotor as per drawing and German Standard Plain & Guide Bearing.</p>	3.00	Nos	252,131	Each	756,393.00	289,800	869,400.00	302,550	907,650.00




Name of Work: LOCAL MFG. OF TURBO CHARGER PLAIN & GUIDE BEARINGS AND BEARING SLEEVE FOR MAN ENGINE AT 1ST. PHASE PUMP HOUSE, DHABEJI.


Item No	Description of Work	Estimated Cost				M/s.Saim & Co.		M/s.Aarm Construction		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
3	repair reconditioning of turbo rotor of MAN Engine work at 1300rpm having fin outer dia 468mm, width of fin 16mm, No. of fin 84 rigid fix each other, sleeve portion dia 55mm 7 length 208mm tapered portion dia 42 & 39mm length 110, threaded portion dia 30mm & length of thread 40mm, thread dia 24mm & length 37mm with spray technology Mectolite-2 material about 0.5mm thick and regrinding, buffing and polishing of sleeve portion dia 55mm \pm .001 & length 208mm, and also making key slot at sleeve portion length of key 50mm, depth 5mm, & width 5mm at last making digital balancing complete rotor & 84nos. fin as per German origin.	3.00	Nos	52,815	Each	158,445.00	60,600	181,800.00	63,350	190,050.00
TOTAL QUOTED / CORRECTED BID COST						1,819,308		2,091,000		2,182,800


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NIT No. SPPRA Serial No.36534

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


Description of work: REPAIR / MAINTENANCE OF 25MGD KSB PUMP TYPE RDLV-600-830A PUMP SET NO.01 BY REPLACEMENT OF WORN OUT PARTS OF 4TH PHASE PUMP HOUSE, DHABEJI.

Date of Opening: 20-02-2018

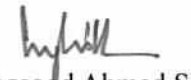
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S. No.	Eligibility / Qualification Criteria	Bidders' Name	
		M/s.H.R Brothers	M/s.Bajwa Engineering
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2.	NTN	Yes	Yes
3.	Sales Tax Registration (FBR)	N/A	N/A
4.	Registration with Sindh Revenue Board (SRB)	Yes	Yes
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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


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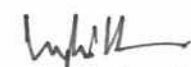
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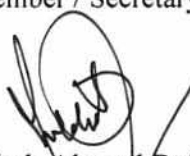
S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s.H.R Brothers	Rs.23,52,892/-	Rs.47,500/-	P.O # 18033252 dt:11-12-17 Rs.20,500/- from HBL Sind Secretariat Branch Karachi & P.O # 19132057 dt:16-11-17 Rs.27,000/- from HBL Malir Cantt Branch Karachi
2.	M/s.Bajwa Engineering	Rs.24,46,114/-	Rs.63,970/-	P.O # 04279105 dt:26-12-2017 Rs.37,620/-& P.O# 04290397 dt:16-11-2017 Rs.26,350/- from Bank Al Habib Ltd Saadi Town Branch Karachi

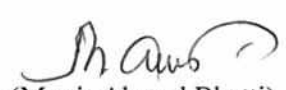
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BID EVALUATION REPORT


1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/29/2018 Published in daily "The News", "Dunay", "Nawa-e-Waqt" dt:27-01-2018 & daily "Hilal-e-Pakistan" dt:28-01-2018. SPPRA Serial No.36534 I.D No.
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7	Total Bid Received:	<u>02 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>NIL</u>
11	Financial Bid Opening Date:	20-02-2018


12 BID EVALUATION REPORT


S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.H.R Brothers	Rs.23,52,892/-	1 st Lowest	@14.987% Above	Pay Order and other documents are attached. P.O # 18033252 dt:11-12-17 Rs.20,500/- from HBL Sind Secretariat Branch Karachi & P.O # 19132057 dt:16-11-17 Rs.27,000/- from HBL Malir Cantt Branch Karachi Total Rs.47,500/-	Substantially Responsive
2.	M/s.Bajwa Engineering	Rs.24,45,997/-	2 nd Lowest	@19.537% Above	Pay Order and other documents are attached. P.O # 04279105 dt:26-12-2017 Rs.37,620/- & P.O# 04290397 dt:16-11-2017 Rs.26,350/- from Bank Al Habib Ltd Saadi Town Branch Karachi Total Rs.63,970/-	Substantially Responsive

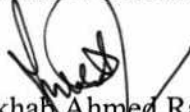
The all concerned bidders are being informed accordingly.


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


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


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

COMPARATIVE STATEMENT

**Name of Work: REPAIR / MAINTENANCE OF 25MGD KSB PUMP TYPE RDLV-600-830A PUMP
SET NO.01 BY REPLACEMENT OF WORN OUT PARTS OF 4TH PHASE PUMP HOUSE, DHABEJI.**

Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Bajwa Engineering		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
1	Disconnecting of Electric connection from Motor Panel i/c Heater & Bearing temp connection from Motor.	1.00	Job	1850.00	P/Job	1,850.00	2127.00	2,127.00	2233.00	2,233.00
2	Dismantling & pull out H.T. motor from Pump Basement.	1.00	Job	5772.00	P/Job	5,772.00	6630.00	6,630.00	6961.00	6,961.00
3	Removal of pulley from Pump Shaft with the help of Hydraulic puller machine and oxygen acetylene flam as per instruction of Engineer in-charge	1.00	Job	10200.00	P/Job	10,200.00	11700.00	11,700.00	12285.00	12,285.00
4	Removal of Pump casing after dismantling all 48 Nos. Nuts from pump casing in half Portion.	1.00	Job	5700.00	P/Job	5,700.00	6550.00	6,550.00	7532.00	7,532.00
5	Pull out complete Pump casing and Pump Shaft from pump section as per instruction of Engineer in-charge.	1.00	Job	17150.00	P/Job	17,150.00	19700.00	19,700.00	20488.00	20,488.00
6	Removal of Bearing housing from Pump base / bed from the drive end side with the help of Hydraulic puller pressure machine and oxygen acetylene flame as per instruction of Engineer in-charge.	1.00	Job	9700.00	P/Job	9,700.00	11150.00	11,150.00	11373.00	11,373.00
7	Removal of Bearing housing from Impeller shaft with the help of Hydraulic pressure machine and oxygen acetylene flam as per instruction of E/incharge.	1.00	Job	9700.00	P/Job	9,700.00	11160.00	11,160.00	11718.00	11,718.00
8	Removal of Neck Ring from Impeller Neck with the help of Hydraulic pressure machine and oxygen acetylene flam as per instruction of Engineer incharge.	2.00	Jobs	9700.00	P/Job	19,400.00	11155.00	22,310.00	11712.00	23,424.00
9	Removal of Upper & Lower S.S Sleeve from the Pump Shaft with the help of Hydraulic pressure machine and oxygen acetylene flam as per instruction of Engineer incharge	2.00	Jobs	9700.00	P/Job	19,400.00	11150.00	22,300.00	11373.00	22,746.00
10	Removal & Fixing of Wear ring at Upper & Lower from Impeller with the help of Hydraulic pressure machine and oxy-acetylene flame as per instruction of Engineer in-charge.	2.00	Jobs	4850.00	P/Job	9,700.00	5575.00	11,150.00	5685.00	11,370.00

**Name of Work: REPAIR / MAINTENANCE OF 25MGD KSB PUMP TYPE RDLV-600-830A PUMP
SET NO.01 BY REPLACEMENT OF WORN OUT PARTS OF 4TH PHASE PUMP HOUSE, DHABEJI.**

Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Bajwa Engineering		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
11	Removal of Impeller of KSB Pump (Impeller) from the Pump shaft with the help of heavy duty Hydraulic puller pressure machine and oxygen acetylene flame and chemical treatment without disturbing the Pump shaft as per instruction of Engineer in-charge.	1.00	Job	23350.00	P/Job	23,350.00	26850.00	26,850.00	28192.00	28,192.00
12	Fixing of KSB Impeller type RDLV-600-830A in Pump shaft having impeller shasft dia 130mm in proper place with the help of hydraulic press machine including balancing the shaft & Impeller at Zero alignment for vibration free operation as per instruction of Engr In charge.	1.00	Job	62920.00	P/Job	62,920.00	72350.00	72,350.00	75244.00	75,244.00
13	Local Mfg. of Pump shaft of KSB Pump type EDLV-600-830A from Stainless steel solid shaft (Pharmaceutical food grade) ASI316 with 178mm dia & length 2057mm i/c machining at bottom shaft 136mm dia & length 300mm machining at Impeller staying dia 158mm & length 166mm, next step machining Impeller portion dia 140mm & length 335mm, other step upper sleeve portion machining 135mm and length 480mm, making thread 135mm and length 60mm for griping the sleeve, making other step dia 130mm and length 148mm making bearing portion dia 120mm and length 67mm and making thread for lock of bearing 120mm & length 42mm making other step dia 117mm & length 90mm i/c making coupling portion dia 100mm & length 187mm making under cut dia 85mm for "O" coupling length 20mm & last step dia 100mm length 21mm i/c making 04Nos. key slots for S.S. Sleeve upper & lower Impeller & coupling i/c buffing polishing as per instruction of the Engineer incharge.	1.00	Job	572511.00	P/Job	572,511.00	658380.00	658,380.00	684715.00	684,715.00

**Name of Work: REPAIR / MAINTENANCE OF 25MGD KSB PUMP TYPE RDLV-600-830A PUMP
SET NO.01 BY REPLACEMENT OF WORN OUT PARTS OF 4TH PHASE PUMP HOUSE, DHABEJI.**

Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Bajwa Engineering		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
14	Local Mfg. of pump casing protective ring of KSB Pump type RDLV-600-830A from manganese bronze by centrifugal casting having composition Copper 58%, tin 1%, Lead 2%, Iron 1% manganese 0.25% Aluminum 0.2%, and Zinc 39.25% having finished size dia OD= 542mm, total length 92mm from Neck ring portion ID = 440mm, depth 50mm from other side 390mm, and depth 42mm in curve shape top dia corner i/c making collar at half circle from end side dia 9mm depth 42mm in curve shaft top dia corner i/c making collar shaft circle from outside dia 7mm width 7mm depth as per instruction of E/ in charge.	1.00	No	128079.00	Each	128,079.00	147290.00	147,290.00	156127.00	156,127.00
15	Local Mfg. of Impeller protective Neck ring die KSB Pump type RDLV-600-830A from manganese bronze by centrifugal casting composition Copper 58%, tin 1%, Lead 2%, Iron 1% manganese 0.25% Aluminum 0.2%, and Zinc 39.25% having finished size outer dia 480mm, inner dia 40mm and total width 47mm as per instruction of E/I.	1.00	Pair	39576.00	P/Pair	39,576.00	45510.00	45,510.00	47785.00	47,785.00
16	Local Mfg. of Pump shaft protective sleeve (lower) for KSB Pump type ASI 316 (Pharmaceutical food grade) solid shaft having finished size dia outer 165mm length 310mm having finished size dia outer 150mm ID = 134mm length 300mm i/c making key slot 45mm as per instruction of E/I	1.00	No	80628.00	Each	80,628.00	92720.00	92,720.00	95501.00	95,501.00
17	Mfg. of Pump shaft protective sleeve (upper) for KSB Pump type ASI 316 (Pharmaceutical food grade) solid shaft having finished size dia outer 165mm length 400mm and machining with finished size dia outer 150mm ID = 134mm length 395mm i/c making key slot 54mm, width at slot 10mm depth of slot 9mm as per instruction of E / incharge	1.00	No	97259.00	Each	97,259.00	111850.00	111,850.00	117442.00	117,442.00







**Name of Work: REPAIR / MAINTENANCE OF 25MGD KSB PUMP TYPE RDLV-600-830A PUMP
SET NO.01 BY REPLACEMENT OF WORN OUT PARTS OF 4TH PHASE PUMP HOUSE, DHABEJI.**

Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Bajwa Engineering		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
18	Local Mfg. of lantern ring of KSB Pump type RDLV-600-830A from manganese bronze imported from centrifugal casting size dia OD=6", ID=3.5" & height 1.25" i/c machining finishing & polishing finished size OD=8", ID=4" & Thickness 0.6" as per instruction of Engineer in	1.00	No	10010.00	Each	10,010.00	11510.00	11,510.00	13236.00	13,236.00
19	Local Mfg. of throat ring of KSB Pump type RDLV-600-830A from manganese bronze imported from centrifugal casting having casting size outer dia 6" inner dia 3.5" & thickness 2.5" i/c machining polishing to bring outer finished size dia 8" inner dia 5.5" width 3.4" making both side collar cutting each 5mm width, depth 10mm middle portion dia 188mm other side collar 5mm i/c making inner side under cut dia 150mm both side collar each 5mm i/c making 02Nos. slot from outer each 16mm width depth 5mm i/c making 14mm dia 06Nos. hole at middle of throat ring as per instruction of Engineer incharge.	1.00	No	18087.00	Each	18,087.00	20800.00	20,800.00	21216.00	21,216.00
20	Local Mfg. of Gland flange of KSB Pump type RDLV-600-830A from manganese bronze imported from centrifugal casting with gland shape length of gland 889mm width at top 2" width at bottom 3" dia of top 10" and ID=4" i/c from bottom side ID=4" & machining from top side making 20mm dia & height 30mm i/c making bore from top side 148mm length 30mm i/c making bore from bottom side finished dia 190mm depth 15mm i/c under cut making dia 250mm depth 15mm i/c making 02Nos. hole from both corner each dia 29mm as per instruction of Engineer incharge.	1.00	No	406250.00	Each	406,250.00	467185.00	467,185.00	476528.00	476,528.00

**Name of Work: REPAIR / MAINTENANCE OF 25MGD KSB PUMP TYPE RDLV-600-830A PUMP
SET NO.01 BY REPLACEMENT OF WORN OUT PARTS OF 4TH PHASE PUMP HOUSE, DHABEJI.**

Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Bajwa Engineering		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
21	Local Mfg. Of Spacer sleeve of Impeller for KSB Pump type RDLV-600-830A from S.S. food grade AISI 316 having OD=7" & length 5" with precise machining polishing having finished size OD=168mm dia ID=135mm i/c tapered at 45° at distance 18mm as per instruction of Engineer incharge.	1.00	Job	54858.00	P/Job	54,858.00	63085.00	63,085.00	64977.00	64,977.00
22	Local Mfg. Rubber lined Bearing bush from Phosphorus bronze material having casting having dia 228mm, OD & ID = 145mm Length = 3000mm sand casting free to air bubble air packet with finished by lathe outer dia 205mm, ID = 160mm, length 280mm i/c making collar at one end dia 210mm width 10mm i/c making step cutting between outer bush dia 190mm length 200mm i/c making collar at lone end at making inside the bush groove cutting about 20Nos. at distance 25mm for gripping rubber lined depth 3mm 'V' Shape i/c making 2 hole 10mm dia at collar top side and masking threads 10mm and rigid fixing of butyl rubber compound lining housing resistance temp workable water lubricant process inside the bronze bush having outer dia 162mm ID = 135mm and length 280mm, i/c having outer dia 162mm i/c making inside rubber lined 12 size 41mm width each and equal distance at full length top to bottom 270mm for passing water lubricant as per E/L.	1.00	No	173869.00	Each	173,869.00	199950.00	199,950.00	209947.00	209,947.00
23	Fixing of upper lower Neck Ring in impeller with the help of oxygen acetylene flame i/c punching dowel pin 10mm dia at three side as per inst. of E/L..	2.00	Jobs	13850.00	P/Job	27,700.00	15920.00	31,840.00	16556.00	33,112.00
24	Fixing of upper and lower Sleeve in Pump shaft with the help of heating in oil and acetylene flame as per instruction of Engr Incharge.	2.00	Jobs	13850.00	P/Job	27,700.00	15930.00	31,860.00	16407.00	32,814.00
25	P/F Gland packing size Teflon material imported UK Made	20.00	Kgs	1700.00	P/Kg	34,000.00	1955.00	39,100.00	2052.00	41,040.00

**Name of Work: REPAIR / MAINTENANCE OF 25MGD KSB PUMP TYPE RDLV-600-830A PUMP
SET NO.01 BY REPLACEMENT OF WORN OUT PARTS OF 4TH PHASE PUMP HOUSE, DHABEJI.**

Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Bajwa Engineering		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
26	Providing pure Stainless steel Nuts & Bolts 25, 20mm length 100 & 75mm 'M' Brand	20.00	Kgs	725.00	P/Kg	14,500.00	827.00	16,540.00	843.00	16,860.00
27	Providing lubricant Grease LGHP 2/1 SKF Brand	10.00	Kgs	6300.00	P/Kg	63,000.00	7245.00	72,450.00	7607.00	76,070.00
28	Complete assembly of impeller shaft at pump casing housing with cleaning corrosion from inside the impeller pump housing confirming free movement of pump i/c length all 48 Nuts leak proof	1.00	Job	22094.00	P/Job	22,094.00	25400.00	25,400.00	26670.00	26,670.00
29	Providing and fixing of 0.5mm Kilingrite fiber Paper sheet England made having Width: 1 Meter after cleaning / rubbing of old sheet pieces from the surface of both pump casing as per instruction of E/I.	5.00	Mtrs	1043.00	P/Mtr	5,215.00	1199.00	5,995.00	1258.00	6,290.00
30	Providing Shellac compound (Make USA Brand) each 10m.	12.00	Bottle	200.00	P/Bott	2,400.00	230.00	2,760.00	232.00	2,784.00
31	Supply of Cotton waste Bags (100Lbs).	100.00	Lbs	60.00	P/Lb	6,000.00	69.00	6,900.00	72.00	7,200.00
32	Fixing of motor at pump base frame after removing the corrosion and rough surface of motor and pump basement and making connection of H.T. Electric cable at motor panel and also connect the bearing temp. heather temp connection by removing and finishing carbon all leak joint from CTC i/c coupling the motor pulley and pump pulley with accurate digital alignment free to vibration i/c testing commissioning.	1.00	Job	38080.00	P/Job	38,080.00	43790.00	43,790.00	46417.00	46,417.00
33	Loading and un-loading and transportation charges from Dhabeji to Karachi and back Karachi to Dhabeji Pump House.	1.00	Job	29571.00	P/Job	29,571.00	34000.00	34,000.00	35700.00	35,700.00
TOTAL QUOTED / CORRECTED BID COST						2,046,229		2,352,892		2,445,997

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

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

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

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

NIT No. SPPRA Serial No.36534

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


Description of work: LOCAL MFG. OF KSB PUMP SHAFT TYPE RDLV-700-820A & P/F BEARING NO.7330 BCBM AND 6326 C-3 FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.


Date of Opening: 20-02-2018

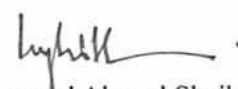
BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT


Eligibility/ Qualification Criteria:


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


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


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


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Superintending Engineer (KMC)
Member


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


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

NIT Sr. No. SPPRA Serial No.36534

Method of Procurement: Single Stage Single Envelope.

Name of Work: LOCAL MFG. OF KSB PUMP SHAFT TYPE RDLV-700-820A & P/F BEARING NO.7330 BCBM AND 6326 C-3 FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.


MINUTES OF BID OPENING MEETING.

A meeting of the procurement committee of this department was held on 20-02-2018 for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders. (Attendance sheet is enclosed).

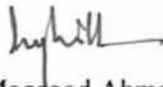
2. Two bidders submitted their bids till the deadline of submission.
 - i. M/s.H.R Brothers
 - ii. M/s. Saim & Co.
3. The bids were opened at 2:30 P.M in the presence of the above mentioned participants and the rates quoted by bidders were read aloud and encircled by Chairman of the Procurement Committee.

S. No	Name of Firm	Quoted Price	Amount of Bid Security	Pay Order No. / Date
1.	M/s.H.R Brothers	Rs.24,95,000/-	Rs.50,450/-	P.O # 18600106 dt:26-12-17 Rs.30,450/- & P.O # 19132053 dt:16-11-17 Rs.20,000/- from HBL Malir Cantt Branch Karachi
2.	M/s.Saim & Co.	Rs.25,00,000/-	Rs.62,450/-	P.O# 04290814 dt:24-11-2017 Rs.34,000/-& P.O# 04290815 dt:24-11-2017 Rs.28,450/- from Bank Al Habib Ltd Saadi Town Branch Karachi


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


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Member / Secretary


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


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Member


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



KARACHI WATER & SEWERAGE BOARD
OFFICE OF THE DIRECTOR (DESIGN & ESTIMATE)

BID EVALUATION REPORT

1	Name of Procuring Agency :	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/29/2018 Published in daily "The News", "Dunay", "Nawa-e-Waqt" dt:27-01-2018 & daily "Hilal-e-Pakistan" dt:28-01-2018. SPPRA Serial No.36534 I.D No.
3	Tender Description/Name of Work/Item:	LOCAL MFG. OF KSB PUMP SHAFT TYPE RDLV-700-820A & P/F BEARING NO.7330 BCBM AND 6326 C-3 FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press / SPPRA Web Site</u>
6	Total Bid Documents Sold:	<u>02 Nos</u>
7	Total Bid Received:	<u>02 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>NIL</u>
11	Financial Bid Opening Date:	20-02-2018

12 BID EVALUATION REPORT

S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE / REJECTION	REMARKS
1.	M/s.H.R Brothers	Rs.24,95,000/-	1 st Lowest	@0.103% Below	Pay Order and other documents are attached. P.O # 18600106 dt:26-12-17 Rs.30,450/- & P.O # 19132053 dt:16-11-17 Rs.20,000/- from HBL Malir Cantt Branch Karachi Total Rs.50,450/-	Substantially Responsive
2.	M/s.Saim & Co.	Rs.25,00,000/-	2 nd Lowest	@0.097% Above	Pay Order and other documents are attached. P.O# 04290814 dt:24-11-2017 Rs.34,000/- & P.O# 04290815 dt:24-11-2017 Rs.28,450/- from Bank Al Habib Ltd Saadi Town Branch Karachi Total Rs.62,450/-	Substantially Responsive

The all concerned bidders are being informed accordingly.

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

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

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

(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member

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

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


COMPARATIVE STATEMENT


**Name of Work: LOCAL MFG. OF KSB PUMP SHAFT TYPE RDLV-700-820A & P/F BEARING
NO.7330 BCBM AND 6326 C-3 FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.**


Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Saim & Co.		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
1	Providing Bearing No.7330 BCBM, SKF Brand for KSB Pump type RDLV 700-820A with following scope of work:-	2.00	Nos	260700.00	Each	521,400.00	250000.00	500,000.00	260000.00	520,000.00
(a)	Vibration Analysis Service Fee.	1.00	Job	70000.00	P/Job	70,000.00	72500.00	72,500.00	65000.00	65,000.00
(b)	Dynamic Balancing service Fee (with Intermediate shaft).	1.00	Job	165000.00	P/Job	165,000.00	175000.00	175,000.00	170000.00	170,000.00
(c)	Service fee for Laser alignment / checking.	1.00	Job	98000.00	P/Job	98,000.00	100000.00	100,000.00	95000.00	95,000.00
(d)	Service fee for Bearing Mounting & dis-mounting.	2.00	Jobs	85000.00	P/Job	170,000.00	82500.00	165,000.00	90000.00	180,000.00
(e)	Transportation charges of all equipments (Loading / unloading)	1.00	Job	35000.00	P/Job	35,000.00	37750.00	37,750.00	40000.00	40,000.00
(f)	Up & Down of SKF certified Engineer (02 Days)	1.00	Job	36000.00	P/Job	36,000.00	40000.00	40,000.00	35000.00	35,000.00
(g)	Weight / Shim / Lubricants of SKF Charges.	1.00	Job	29600.00	P/Job	29,600.00	30000.00	30,000.00	25000.00	25,000.00
2	Providing Bearing No.6326 C-3 SKF Brand of Pump Shaft	1.00	No	115000.00	Each	115,000.00	100000.00	100,000.00	117500.00	117,500.00
(a)	Vibration analysis Service Fee.	1.00	Job	45000.00	P/Job	45,000.00	50000.00	50,000.00	48550.00	48,550.00
(b)	Dynamic Balancing service Fee.	1.00	Job	68000.00	P/Job	68,000.00	75000.00	75,000.00	70000.00	70,000.00
(c)	Service fee for Laser alignment / checking.	1.00	Job	65000.00	P/Job	65,000.00	70000.00	70,000.00	70000.00	70,000.00
(d)	Service fee for Bearing mounting & dis-mounting.	1.00	Job	35000.00	P/Job	35,000.00	37750.00	37,750.00	30000.00	30,000.00
(e)	Weight / Shims / Lubricants of SKF Charges.	1.00	Job	17000.00	P/Job	17,000.00	17000.00	17,000.00	20000.00	20,000.00
(f)	Up & Down of SKF certified Engineer (02 Days)	1.00	Job	28000.00	P/Job	28,000.00	25000.00	25,000.00	30000.00	30,000.00


**Name of Work: LOCAL MFG. OF KSB PUMP SHAFT TYPE RDLV-700-820A & P/F BEARING
NO.7330 BCBM AND 6326 C-3 FOR PUMP SET NO.5 OF K-3 PUMP HOUSE, DHABEJI.**


Item No	Description of Work	Estimated Cost				M/s.H.R Brothers		M/s.Saim & Co.		
		Quantity	Rate	Per	Amount	Rate	Amount	Rate	Amount	
3	Local Mfg. of KSB Pump shaft from Stainless steel Solid shaft food grade SAE- 316, from 191mm dia length 2210mm & machining at bottom of the shaft dia 145mm length 260mm i/c making of impeller staying dia 180mm and length 270mm, machining at impeller portion dia 150mm & length 370mm i/c making at upper of impeller portion dia 145mm & length 670mm, making thread for lock sleeve 140mm & length 225mm making step dia 127mm & length 45mm i/c making coupling portion dia 120mm & length 278mm, making outer cut for grip the coupling 15mm width & depth of groove 5mm making key slot 8mm length of Slot 50mm & making Key Slot for Impeller grip, length 145mm width of slot 36mm and depth of slot 12mm & making overall lower end shaft key slot, depth 10mm, width of slot 6mm, length of slot 50mm as per instruction of Engineer incharge.	1.00	No	790095.00	Each	790,095.00	800000.00	800,000.00	775000.00	775,000.00
4	Local Mfg. of Gland of Pump from casting of phosphorus bronze having casting size OD=354mm, Collar dia 305mm, width 45mm total length 250mm having finished size Gland shape 305mm Gland plate width 30mm, collar dia finished size 178mm, width 35mm i/c making hole at centre of Gland 138mm throughout length 65mm i/c making 02Nos. hole 20mm of each of corner away 25mm & making thread 20mm as per instruction Engineer incharge.	1.00	No	209487.00	Each	209,487.00	200000.00	200,000.00	208950.00	208,950.00
TOTAL QUOTED / CORRECTED BID COST						2,497,582		2,495,000		2,500,000


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


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


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


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


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

