



# KARACHI WATER & SEWERAGE BOARD

Additional 65 MGD Water Supply Scheme from Haleji to Pipri Karachi

## PACKAGE-02

"CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO"

### **ATTENDANCE SHEET** **MEETING HELD ON 09-04-2018**

S#	Name	Designation	Signature
1.	Mr. Shakeel Qureshi	Project Director K-III, KW&SB <b>Convenor</b>	
2.	Mr. Asif Ali Khan	Dy. Project Manager 65 MGD, KW&SB <b>Member</b>	
3.	Mr. Maqsood Ahmed Shaikh	Superintending Engr. (C), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
4.	Mr. Tariq Ansari	Executive Engr. (E&M), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
5.	Mr. Abdul Rawoof	Sr. Engineer Coordinator, M/S EA Consult. Pvt. Ltd. <b>Co-opt Member</b>	
6.	Mr. Iqbal Palijo	Executive Engineer 65 MGD / <b>Secretary</b> (Procurement Committee)	
7.			
8.			



# KARACHI WATER & SEWERAGE BOARD

Additional 65 MGD Water Supply Scheme from Haleji to Pipri Karachi

PACKAGE-02

"CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO"

## **ATTENDANCE SHEET** **MEETING HELD ON 06-04-2018**

S#	Name	Designation	Signature
1.	Mr. Shakeel Qureshi	Project Director K-III, KW&SB <b>Convenor</b>	
2.	Mr. Asif Ali Khan	Dy. Project Manager 65 MGD, KW&SB <b>Member</b>	
3.	Mr. Maqsood Ahmed Shaikh	Superintending Engr. (C), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
4.	Mr. Tariq Ansari	Executive Engr. (E&M), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
5.	Mr. Abdul Rawoof	Sr. Engineer Coordinator, M/S EA Consult. Pvt. Ltd. <b>Co-opt Member</b>	
6.	Mr. Iqbal Palijo	Executive Engineer 65 MGD / <b>Secretary</b> (Procurement Committee)	
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# KARACHI WATER & SEWERAGE BOARD

Additional 65 MGD Water Supply Scheme from Haleji to Pipri Karachi

## PACKAGE-02

"CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO"

## **ATTENDANCE SHEET** **MEETING HELD ON 27-03-2018**

S#	Name	Designation	Signature
1.	Mr. Shakeel Qureshi	Project Director K-III, KW&SB <b>Convenor</b>	
2.	Mr. Asif Ali Khan	Dy. Project Manager 65 MGD, KW&SB <b>Member</b>	
3.	Mr. Maqsood Ahmed Shaikh	Superintending Engr. (C), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
4.	Mr. Tariq Ansari	Executive Engr. (E&M), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
5.	Mr. Abdul Rawoof	Sr. Engineer Coordinator, M/S EA Consult. Pvt. Ltd. <b>Co-opt Member</b>	
6.	Mr. Iqbal Palijo	Executive Engineer 65 MGD / <b>Secretary</b> (Procurement Committee)	
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# KARACHI WATER & SEWERAGE BOARD

Additional 65 MGD Water Supply Scheme from Haleji to Pipri Karachi

## PACKAGE-02

### "CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO"

Evaluation of Technical Proposals (Stage-I)

## **ATTENDANCE SHEET** **MEETING HELD ON 19-04-2018**

S#	Name	Designation	Signature
1.	Mr. Shakeel Qureshi	Project Director K-III, KW&SB <b>Convenor</b>	
2.	Mr. Asif Ali Khan	Dy. Project Manager 65 MGD, KW&SB <b>Member</b>	
3.	Mr. Maqsood Ahmed Shaikh	Superintending Engr. (C), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
4.	Mr. Tariq Ansari	Executive Engr. (E&M), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
5.	Mr. Iqbal Palijo	Executive Engineer 65 MGD / <b>Secretary (Procurement Committee)</b>	
6.	Mr. Abdul Rawoof	Sr. Engineer Coordinator, M/S EA Consult. Pvt. Ltd. <b>Co-opt Member</b>	
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# KARACHI WATER & SEWERAGE BOARD

Additional 65 MGD Water Supply Scheme from Haleji to Pipri Karachi

## PACKAGE-02

"CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO"

## **ATTENDANCE SHEET** **MEETING HELD ON 11-04-2018**

S#	Name	Designation	Signature
1.	Mr. Shakeel Qureshi	Project Director K-III, KW&SB <b>Convenor</b>	
2.	Mr. Asif Ali Khan	Dy. Project Manager 65 MGD, KW&SB <b>Member</b>	
3.	Mr. Maqsood Ahmed Shaikh	Superintending Engr. (C), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
4.	Mr. Tariq Ansari	Executive Engr. (E&M), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
5.	Mr. Abdul Rawoof	Sr. Engineer Coordinator, M/S EA Consult. Pvt. Ltd. <b>Co-opt Member</b>	
6.	Mr. Iqbal Palijo	Executive Engineer 65 MGD / <b>Secretary</b> (Procurement Committee)	
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# KARACHI WATER & SEWERAGE BOARD

Additional 65 MGD Water Supply Scheme from Haleji to Pipri Karachi

## PACKAGE-02

"CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO"

## **ATTENDANCE SHEET** **MEETING HELD ON 13-04-2018**

S#	Name	Designation	Signature
1.	Mr. Shakeel Qureshi	Project Director K-III, KW&SB <b>Convenor</b>	
2.	Mr. Asif Ali Khan	Dy. Project Manager 65 MGD, KW&SB <b>Member</b>	
3.	Mr. Maqsood Ahmed Shaikh	Superintending Engr. (C), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
4.	Mr. Tariq Ansari	Executive Engr. (E&M), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
5.	Mr. Abdul Rawoof	Sr. Engineer Coordinator, M/S EA Consult. Pvt. Ltd. <b>Co-opt Member</b>	
6.	Mr. Iqbal Palijo	Executive Engineer 65 MGD / <b>Secretary</b> (Procurement Committee)	
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# KARACHI WATER & SEWERAGE BOARD

Additional 65 MGD Water Supply Scheme from Haleji to Pipri Karachi

## PACKAGE-02

"CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO"

## **ATTENDANCE SHEET** **MEETING HELD ON 16-04-2018**

S#	Name	Designation	Signature
1.	Mr. Shakeel Qureshi	Project Director K-III, KW&SB <b>Convenor</b>	
2.	Mr. Asif Ali Khan	Dy. Project Manager 65 MGD, KW&SB <b>Member</b>	
3.	Mr. Maqsood Ahmed Shaikh	Superintending Engr. (C), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
4.	Mr. Tariq Ansari	Executive Engr. (E&M), Engg. Deptt, KMC (Representative of K.M.C) <b>Member</b>	
5.	Mr. Abdul Rawoof	Sr. Engineer Coordinator, M/S EA Consult. Pvt. Ltd. <b>Co-opt Member</b>	
6.	Mr. Iqbal Palijo	Executive Engineer 65 MGD / <b>Secretary</b> (Procurement Committee)	
7.			
8.			



# KARACHI WATER & SEWERAGE BOARD

## Office of the Secretary (Procurement Committee) Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi

9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi, Block-C, KW&SB Tel No. +92-21-99245132

No. KW&SB/Secy/PC/65MGD/2018/ 19

Dated: 20<sup>th</sup> February, 2018

To,

1. Mr. Shakeel Qureshi (Convener)  
Project Director K-III, KW&SB
2. Mr. Asif Ali Khan Member  
Dy. Project Manager (65 MGD). KW&SB
3. Mr. Maqsood Ahmed Shaikh Member  
Superintending Engr. (C) Engineering Deptt, KMC  
(Representative of K.M.C)
4. Mr. Abdul Haq Channa Member  
Executive Engr. (E&M), Engg. Deptt. KMC  
(Representative of KMC)
5. Mr. Abdul Rawoof Co-Opt. Member

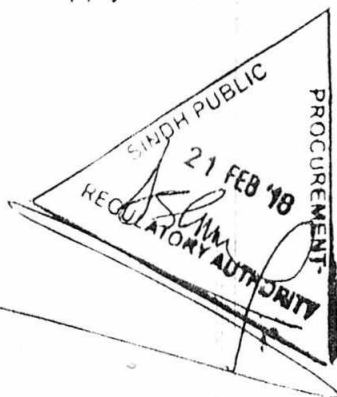
**SUB: Minutes of Submission / Opening of Technical Proposals (Stage 01) in respect of Package # 2 Construction Of New 65 MGD Pump House (Equipped With M&E Pumping Machineries) At Gharo, Under Additional 65 Mgd Water Supply Scheme From Haleji To Pipri, Karachi (36142)**

Enclosed please find herewith the Minutes of Submission / Opening of Technical Proposals (Stage 01) held on 20<sup>th</sup> of February, 2018 in the Committee Room of Managing Director's Secretariat, Block-D, 9th Mile Karsaz, KW&SB, regarding Package No. 02. "Construction of New 65 MGD Pump House (Equipped With M&E Pumping Machineries) at Gharo" under Additional 65. MGD Water Supply Scheme from Haleji to Pipri, Karachi for information please.


Encl: As above

Copy to :-

M/s. SPPRA



  
**SECRETARY**  
(Procurement Committee)  
65 MGD Project, KW&SB

  
IQBAL PAJEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB

20th February, 2018

## KARACHI WATER & SEWERAGE BOARD

### SUBMISSION / OPENING OF TECHNICAL PROPOSALS

Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi

#### PACKAGE # 02

CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO UNDER ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI


### MINUTES OF THE MEETING


Submission / Opening of Technical Proposals (Stage -1) by the Contracting Firms / Joint Ventures / Consortiums for (Package # 02) "Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo" under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi was held on Tuesday, the 20<sup>th</sup> of February 2018 in the Committee Room, of Managing Director's Secretariat, Block-D 9<sup>th</sup> Mile KW&SB.

The list of participants is attached as Annexure – A.

The meeting started with the recitation of a verse of Holy Quran. Afterwards, the Convener of Procurement Committee welcomed the participants of the meeting and showed the sealed Technical Proposals submitted by the Contracting Firms / Joint Ventures / Consortiums to the Procurement Committee members and representatives of the participating Contracting Firms.

Later on the received Technical Proposals were opened / unsealed by the Procurement Committee as per the following details:-

  
IQBAL DALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB






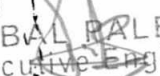
Sr. #	Name of Contracting Firm / Joint Venture / Consortium	Detail of Technical Proposals received
01	M/s. KSB Pumps Company Ltd.	<u>Original + One Copy</u> Bidding Document Vol-I, with Five Attachments in Bounded Form. Bidding Document Vol-II, with Three Attachments in Bounded Form. Bidding Document Vol-III, with One Attachment in Bounded Form.
02	M/s. Muhammad Iqbal Shaikh & Co.	<u>Original + One Copy</u> Bidding Documents Vol-I, II, and III with Four Attachments in File Folders.
03	M/s. Al-Tariq Constructors (Pvt) Ltd.	<u>One Original without Copy</u> Bidding Documents Vol-I, II, and III with one Attachment in File Folder.

The Original Technical Proposals of the Contracting Firms / J.Vs / Consortiums were then duly signed by all Members of the Procurement Committee.

The unsealed and duly signed Technical Proposals in Original along with One Copy submitted by the Contracting Firms / J.V's / Consortiums were Handed Over to the Secretary of Procurement Committee, to start the Evaluation Process of the Proposals for the Selection of Contracting Firm / J.V for Package 02 of the 65 MGD Project.

The meeting ended with a vote of thanks to and from the Chair



  
 IQBAL RAJEJO  
 Executive Engineer  
 Addl. 65 Mgd. Project  
 KW&SB

SUBMISSION / OPENING OF TECHNICAL PROPOSALS

20<sup>th</sup> February 2018

Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi

PACKAGE # 02

CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO, UNDER ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI


LIST OF PARTICIPANTS

Procurement Committee

- |   |               |
|---|---------------|
| 1. Mr. Shakeel Qureshi<br>Project Director K-III, KW&SB   | (Convener)    |
| 2. Mr. Asif Ali Khan<br>Dy. Project Manager 65 MGD, KW&SB   | Member        |
| 3. Mr. Maqsood Ahmed Shaikh<br>Executive Engr. (E&M), Engineering Deptt.<br>KMC (Representative of KMC) | Member        |
| 4. Mr. Abdul Haq channa<br>Executive Engineer (E&M) Engg. Deptt.<br>(Rep. of KMC)                       | Member        |
| 5. Mr. Iqbal Palijo<br>Executive Engineer (65 MGD) KW&SB  | Member / Secy |
| 6. Mr. Abdul Rawoof<br>Sr. Engineer M/s E.A Consulting Pvt. Ltd.  | Co-Opt Member |

Contractor's Representative

- M/s. KSB PUMP COMPANY LIMITED.
  - Saad Bin Emad (Regional Sales Manager)
  - Ali Asad (Sales Manager)
  - Abdul Rehman (Manager Technical)
  - Asim Maqbool (Manager Proposal)
- M/s. MUHAMMAD IQBAL SHAIKH & CO.
  - Muhammad Iqbal Shaikh (C.E.O)
- M/s. AL-TARIQ CONSTRUCTORS (PVT) LTD.
  - Naeem Ashraf (Manager HR / Admin)

  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB



Account Payee Only



**NBP**  
National Bank of Pakistan  
SHAHEED-E-MILLAT ROAD BRANCH,  
KARACHI. (0144)

P.O. No. 05667169

Stationery/Ref No:

D 10 / M 11 / Y 18

Pay to Sindh Public Procurement Rule Act Or Order  
Rupees Two Thousand & Quis

PKR 2000

Please do not write below this line.

Officer Authorize Sig No. Op. Manager / Manager Authorize Sig No.

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*IOBAL PALEJO*  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB





# KARACHI WATER & SEWERAGE BOARD

## Office of the Executive Engineer (65 MGD Project)

9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi

Room No.4, Block-C, KW&SB Tel No. +92-21-99245132

No. KW&SB/EE/65MGD/2018/ 74

Dated: 10 January, 2018

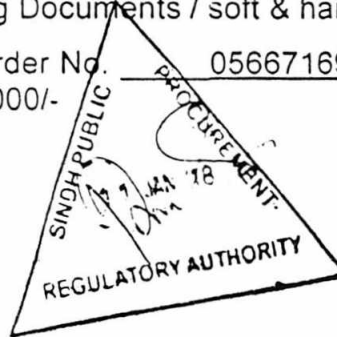
To,

The Director (C.B)  
Sindh Public Procurement Regulatory Authority  
Karachi

**Subject:** Notice Inviting Tender for Package # 02 "Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo" under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

Reference is invited to subject matter cited above, in this regard, the following Documents are enclosed herewith for perusal and hoisting on SPPRA Website :-

- ✓i) Copy of the Press Clipping (NIT) on Two Stage Bidding Procedure
- ✓ii) Notification of Procurement Committee
- ✓iii) Notification of Complaint Redressal Committee (CRC)
- ✓iv) Annual Procurement Plan
- ✓v) Bidding Documents / soft & hard copy
- ✓vi) Pay Order No. 05667169, dated: 10-01-2018 amounting to Rs. 2,000/-



Executive Engineer  
(65 MGD Project), KW&SB

**Copy to:-**

1. Project Director (65 MGD), KW&SB
2. Project Manager (65 MGD), KW&SB
3. Dy. Project Manager (65 MGD), KW&SB

OBAL PALEJO  
Executive Engineer  
65 Mgd. Project  
KW&SB





# Karachi Water & Sewerage Board

## NOTICE INVITING TECHNICAL PROPOSALS

### Construction of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. Package # 02

1. The Karachi Water & Sewerage Board (KW&SB) has received funds from Government of Sindh under Annual Development Program and sealed Bids are invited on National Competitive Bidding (NCB) under Two Stage Bidding Procedure as per SPP Rules 2010 on EPC / Turnkey / Lump Sump Fixed Price Basis for the following work:-

Name of Work	Estimated Cost (Rs. Millions)	Bid Security	Tender Fee	Time for Completion
Package # 02 Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo.	980.00	2% of Bid Price	Rs.5,000/-	15 Months

2. Eligibility: PEC Licensed Contractor / Firms / JV's / Consortium having sufficient relevant experience of similar works with valid PEC License in Category C-1 and above with Specialization codes CE-09, CE-10, ME-06, EE-04 & EE-05 (in case JV / Consortium), the lead firm must fulfill the C-1 Category requirement with specialization codes of either CE-10 or ME-06 while other JV/Consortium partners shall have at least Category C-2 covering all remaining specialization codes.

3. Interested National firms are invited for participation fulfilling Mandatory requirements and may obtain "TENDER DOCUMENTS" which lists all requirements and the Qualification, Evaluation Criteria, from the office of the Project Director, (Addl. 65 MGD Project) on making payment of Rs.5,000/- (non-refundable) in the shape of Pay Order, in favor of KW&SB.

#### MANDATORY REQUIREMENTS:

- Local firms with valid registration with Pakistan Engineering Council (PEC) for the year 2017 in Category C-1 or above with Specialization Codes CE-09, CE-10, ME-06, EE-04 & EE-05.
- Valid Registration with Income Tax & Sales Tax Departments.
- Valid Certificate of Registration with Sindh Revenue Board showing Sindh Sales Tax Number (SSTN).
- Affidavit on Stamp Paper of Rs. 100/- (duly notarized) that the applicant firm is not black listed by any procuring Agency, Govt. or Semi-Govt., Autonomous bodies, International organization and any Cantonment Boards in Pakistan.
- Affidavit on stamp paper of Rs. 100/- (duly notarized) providing list of any present or past litigation of the Bidding Firm with any organization, Govt. Dept. or private concern. If no litigation, the said affidavit should mention the same.
- Submission (Return of) Original Tender Document purchased / issued to the firm from office of the Project Director, (Addl. 65 MGD Project) shall be returned in bounded form duly filled, signed and stamped with one copy.

4. MINIMUM SUPPORTING DOCUMENTS REQUIRED (Additional documents, if required are mentioned in Tender Document).

- Name of Firm, its status (date of Incorporation), Address, Telephone number(s) Fax number & years of experience of firm with proof.
- Experience of General and Specific Works (for the work category) over last Ten (10) years of Rs.300/= (Three Hundred Million) or above.
- Detail of Machinery / Equipment with manufacturer name, address and experience.
- Existing work load / work order with details of work under execution.
- List of machinery and equipment owned by the firm and intended to be used on the project, proof of ownership and brief description including number, model, make, capacity & location.
- Financial soundness certificate and bank statement for last 3 years.
- Annual Turnover for last 05 years.
- Any other relevant information which the firm intends to submit as its qualification.
- Authority letter of the firm showing name, designation and CNIC number of the individual for receipt of proposal documents.
- Bid will be inclusive of all taxes including G.S.T. & Sales Tax on services Sindh.

5. Method of Procurement : Two Stage Bidding Procedure on National Competitive Bidding (NCB) basis.

6. Sealed Technical Proposal in Original with 01 X Copy should be delivered at the office of Project Director (65 MGD Project) as per given schedule. Each page of original copy be signed and stamped by the Bidder.

7. After Technical Bid Evaluation, only qualified bidder will be invited to submit Second Stage Technical bid along with Financial Bid for which schedule will be intimated later.

8. Bid Security will be submitted by the qualified bidder only at the time of submission of Financial Bid at Second Stage.

9. Bidding / Tender Documents:

- Documents will be issued on payment of tender fee (non-refundable).
- Date of Issuance January 10, 2018
- Last date of Submission February 07, 2018
- Technical Proposal will be opened on February 08, 2018 at 3:00 pm
- Date of Submission & Opening of Financial proposal will be intimated later.
- Place of issuance, submission, inquiries and opening will be:

Project Director (Addl. 65 MGD Water Supply Scheme from Haleji to Pipri), Karachi Room No. 04, Block-C, 9th Mile, Karsaz, KW&SB, Shahra-e-Faisal Karachi, Pakistan. Tel. No: (92 - 21) 99245132

10. KW&SB reserves the right to accept or reject any or all proposals subject to the relevant provisions of Sindh Public Procurement (SPP) Rules 2010.

PROJECT DIRECTOR  
(Addl. 65 MGD Water Supply Scheme  
from Haleji to Pipri), Karachi  
Room No. 04, Block -C,  
9th Mile, Karsaz, KW&SB,  
Shahra-e-Faisal Karachi, Pakistan.  
Tel. No: (92 - 21) 99245132

DAWN WEDNESDAY JANUARY 10

*Iqbal Palejo*  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB

*Iqbal Palejo*  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB



# Karachi Water & Sewerage Board

## NOTICE INVITING TECHNICAL PROPOSALS

### Construction of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. Package #02

1. The Karachi Water & Sewerage Board (KW&SB) has received funds from Government of Sindh under Annual Development Program and sealed Bids are invited on National Competitive Bidding (NCB) under Two Stage Bidding Procedure as per SPP Rules 2010 on EPC / Turnkey / Lump Sump Fixed Price Basis for the following work:-

Name of Work	Estimated Cost (Rs. Millions)	Bid Security	Tender Fee	Time for Completion
<b>Package # 02</b>				
Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo.	980.00	2% of Bid Price	Rs.5,000/-	15 Months

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3. Interested National firms are invited for participation fulfilling Mandatory requirements and may obtain "TENDER DOCUMENTS" which lists all requirements and the Qualification, Evaluation Criteria, from the office of the Project Director, (Addl. 65 MGD Project) on making payment of Rs.5,000/- (non-refundable) in the shape of Pay Order, in favor of KW&SB.

#### MANDATORY REQUIREMENTS:

- Local firms with valid registration with Pakistan Engineering Council (PEC) for the year 2017 in Category C-1 or above with Specialization Codes CE-09, CE-10, ME-06, EE-04 & EE-05.
- Valid Registration with Income Tax & Sales Tax Departments
- Valid Certificate of Registration with Sindh Revenue Board showing Sindh Sales Tax Number (SSTN).
- Affidavit on Stamp Paper of Rs. 100/- (duly notarized) that the applicant firm is not black listed by any procuring Agency, Govt. or Semi-Govt., Autonomous bodies, International organization and any Cantonment Boards in Pakistan.
- Affidavit on stamp paper of Rs. 100/- (duly notarized) providing list of any present or past litigation of the Bidding Firm with any organization, Govt. Dept. or private concern. If no litigation, the said affidavit should mention the same.
- Submission (Return of) Original Tender Document purchased / issued to the firm from office of the Project Director, (Addl. 65 MGD Project) shall be returned in bounded form duly filled, signed and stamped with one copy.

#### MINIMUM SUPPORTING DOCUMENTS REQUIRED (Additional documents, if required are mentioned in Tender Document).

- Name of Firm, its status (date of Incorporation), Address, Telephone number(s) Fax number & years of experience of firm with proof.
- Experience of General and Specific Works (for the work category) over last Ten (10) years of Rs.300/- (Three Hundred Million) or above.
- Detail of Machinery / Equipment with manufacturer name, address and experience.
- Existing work load / work order with details of work under execution.
- List of machinery and equipment owned by the firm and intended to be used on the project, proof of ownership and brief description including number, model, make, capacity & location.
- Financial soundness certificate and bank statement for last 3 years.
- Annual Turnover for last 05 years.
- Any other relevant information which the firm intends to submit as its qualification.
- Authority letter of the firm showing name, designation and CNIC number of the individual for receipt of proposal documents.
- Bid will be inclusive of all taxes including G.S.T. & Sales Tax on services Sindh.

#### 5. Method of Procurement : Two Stage Bidding Procedure on National Competitive Bidding (NCB) basis.

6. Sealed Technical Proposal in Original with 01 X Copy should be delivered at the office of Project Director (65 MGD Project) as per given schedule. Each page of original copy be signed and stamped by the Bidder.

7. After Technical Bid Evaluation, only qualified bidder will be invited to submit Second Stage Technical bid along with Financial Bid for which schedule will be intimated later

8. Bid Security will be submitted by the qualified bidder only at the time of submission of Financial Bid at Second Stage.

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- Place of issuance, submission, inquiries and opening will be:

Project Director (Addl. 65 MGD Water Supply Scheme from Haleji to Pipri), Karachi Room No. 04, Block -C, 9th Mile, Karsaz, KW&SB, Shakra-e-Faisal Karachi, Pakistan. Tel. No: (92 - 21) 99245132

10. KW&SB reserves the right to accept or reject any or all proposals subject to the relevant provisions of Sindh Public Procurement (SPP) Rules 2010.

**PROJECT DIRECTOR**  
(Addl. 65 MGD Water Supply Scheme from Haleji to Pipri), Karachi  
Room No. 04, Block -C,  
9th Mile, Karsaz, KW&SB,  
Shakra-e-Faisal Karachi, Pakistan.  
Tel. No: (92 - 21) 99245132

DAWN WEDNESDAY JANUARY 10

*(Signature)*  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB

*(Signature)*  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB



# کراچی واٹر اینڈ سیوریج بورڈ



## ٹیکنیکل پروپوزلز طلبی نوٹس

### کراچی 65MGD اضافی واٹر سپلائی اسکیم کی تعمیر، ہائیڈرو پمپری، پمپنگ نمبر 02

1- کراچی واٹر اینڈ سیوریج بورڈ کو سالانہ ترسیلی پروگرام کے تحت حکومت سندھ سے فنڈز موسومہ ہوئے ہیں اور مندرجہ ذیل کام کیلئے SPP رولر 2010 کے مطابق EPC / ITC / کم قیمت بیڈوں پر نوٹس طلب ہے۔

مہلت	ٹینڈر لیس	ڈسکریٹری	قیمت لاگت (Rs. ملین)	کارخانہ
15 ماہ	Rs. 5,000/-	2%	980.00	پمپنگ نمبر 02

گمار دینے والے MGD 65 کے لیے EPC اور ITC کی قیمت (M&E) چھٹیج مشینری کے ساتھ ایکٹو ہوگی۔

2- اہلیت: UPEC لائسنس یافتہ کنٹریکٹرز اور/یا JV انڈسٹریل آرگنائزیشن (IAT) کے ممبروں کے ساتھ ساتھ UPEC لائسنس یافتہ اور اسی طرح کے کاموں میں داخلہ شدہ تجربے کے حامل ہونے والے ممبروں کو لاء C-1 کنٹریکٹرز اور/یا IAT کے ممبروں کو لاء ME-06 یا CE-10 یا CE-09 یا CE-10 یا EE-04 یا EE-05 یا IV انڈسٹریل آرگنائزیشن کے ممبروں کے ساتھ ساتھ اہلکاروں کے ہونے کو لازم کرنا ہوگی۔

3- روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔ Rs. 5,000/- (پانچ لاکھ روپے) کے ساتھ ساتھ آئی آر ڈی کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔ Rs. 5,000/- (پانچ لاکھ روپے) کے ساتھ ساتھ آئی آر ڈی کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(a) کنٹریکٹرز اور/یا IAT کے ممبروں کو لاء C-1 یا CE-10 یا CE-09 یا CE-10 یا EE-04 یا EE-05 سال 2017 کیلئے پاکستان انجینئرنگ کونسل (PEC) سے ممبر شپ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(b) ممبروں کو لاء ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(c) سندھ پراویٹس بورڈ سے ریسٹریکٹڈ کام کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(d) Rs. 100/- کے اسٹامپ پیپر (قاعدہ نوٹس) پر طلب نامہ کو درخواست گزار فرم کسی پروویڈرنگ ایجنسی، سرکاری یا نیم سرکاری تنظیموں، خوردہ اداروں، بین الاقوامی آرگنائزیشن اور پاکستان کی کنٹریکٹرز اور/یا ITC کے ممبروں کی جانب سے ایکسٹنڈیشن کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(e) ڈیٹنگ فرم کی کسی آرگنائزیشن، سرکاری یا نیم سرکاری تنظیموں، خوردہ اداروں، بین الاقوامی آرگنائزیشن اور پاکستان کی کنٹریکٹرز اور/یا ITC کے ممبروں کی جانب سے ایکسٹنڈیشن کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(f) پروویڈرنگ اور/یا ITC کے ممبروں کو لاء C-1 یا CE-10 یا CE-09 یا CE-10 یا EE-04 یا EE-05 سال 2017 کیلئے پاکستان انجینئرنگ کونسل (PEC) سے ممبر شپ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

4- مطلوبہ کم از کم تاہمی دستاویزات (اضافی دستاویزات جیسا کہ ٹینڈر دستاویزات میں درج کر دیے ہیں)

(a) فرم کا نام، اس کی حیثیت (ان کا پروفیشن کی تاریخ)، پتہ، فون نمبر، رجسٹرڈ آفس، نوٹس کیسٹ فرم کے تجربے کا سال

(b) شراہ کے ساتھ ساتھ Rs. 300 ملین (تین سو ملین) یا زیادہ کے کاموں کے ساتھ گزشتہ 10 سالوں کے دوران عام اور خاص کاموں کا تجربہ

(c) میٹریٹھ کے نام، پتہ اور تجربے کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(d) ڈیٹنگ فرم کی کسی آرگنائزیشن، سرکاری یا نیم سرکاری تنظیموں، خوردہ اداروں، بین الاقوامی آرگنائزیشن اور پاکستان کی کنٹریکٹرز اور/یا ITC کے ممبروں کی جانب سے ایکسٹنڈیشن کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

(e) فرم کی ملکیت میں موجودہ مشینری اور ایکٹو پیسٹ جو پروویڈرنگ اور استعمال ہونے والی ہونے کی گہرے شہدہ شدہ دستاویزات اور ملکیت کے نوٹس بشمول کچھٹی اور لوکیٹس، ایک، ڈائل، تعداد کی گہرے شہدہ شدہ دستاویزات۔

(f) مالی استحکام سرٹیفکیٹ اور گزشتہ 03 سالوں کا بینک اسٹیٹمنٹ

(g) گزشتہ 05 سالوں کیلئے سالانہ ٹرن اوور

(h) کوئی دیگر متعلقہ معلومات جو فرم اپنی کوالیفیکیشن کے طور پر جمع کرنا چاہے

(i) ٹینڈر دستاویزات کی وصولی کیلئے فرم کا ادارتی لیٹرس میں فرم کا نام، مہد اور CNIC نمبر کی سرحدت ہو

(j) پمپنگ میں تمام ایکٹو پیسٹ بشمول GST اور رجسٹرڈ (NCB) کی بیڈوں پر نوٹس طلب نامہ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

5- پروویڈرنگ اور/یا ITC کے ممبروں کو لاء C-1 یا CE-10 یا CE-09 یا CE-10 یا EE-04 یا EE-05 سال 2017 کیلئے پاکستان انجینئرنگ کونسل (PEC) سے ممبر شپ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

6- دینے کے لئے ڈول کے مطابق سرگرمیوں کے لئے ایکٹو پیسٹ اور/یا ITC کے ممبروں کو لاء C-1 یا CE-10 یا CE-09 یا CE-10 یا EE-04 یا EE-05 سال 2017 کیلئے پاکستان انجینئرنگ کونسل (PEC) سے ممبر شپ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

7- ٹیکنیکل ڈیٹنگ کی اہلیتوں کے بعد صرف کوالیفائیڈ ڈیٹنگ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

8- دوسرے سرٹے میں صرف ناٹل ڈیٹنگ جمع کرانے کے وقت کو ایٹنا پیڈ ڈیٹنگ، ہندہ کی جانب سے ڈیٹنگ کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

9- ڈنگ اینڈر دستاویزات:

(i) دستاویزات، ٹینڈر لیس (پانچ لاکھ روپے) کی ادائیگی پر جاری کی جائیں گی:

(ii) اجراء کی تاریخ: 10 جنوری 2018

(iii) جمع کرانے کی آخری تاریخ: 07 فروری 2018

(iv) ٹیکنیکل پروپوزل کو ملانے کا: 08 فروری 2018 سے 03:00 بجے

(v) ناٹل پروپوزل کے جمع کرانے اور کھلنے کی تاریخ کا اعلان بعد میں کیا جائے گا۔

(vi) جاری کرنے، جمع کرانے، انکوائری اور کھلنے کا مقام

پروویڈرنگ اور/یا ITC کے ممبروں کو لاء C-1 یا CE-10 یا CE-09 یا CE-10 یا EE-04 یا EE-05 سال 2017 کیلئے پاکستان انجینئرنگ کونسل (PEC) سے ممبر شپ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

10- ممبروں کو لاء ITC کے ممبروں کو لاء C-1 یا CE-10 یا CE-09 یا CE-10 یا EE-04 یا EE-05 سال 2017 کیلئے پاکستان انجینئرنگ کونسل (PEC) سے ممبر شپ کے ساتھ ساتھ ITC کی روٹیشن کی حالت فرم سے لازمی ضروریات کو برقرار رکھنے اور تمام اہلیتوں کی گہرے شہدہ شدہ دستاویزات۔

پمپنگ نمبر 02 کے لیے EPC اور ITC کی قیمت (M&E) چھٹیج مشینری کے ساتھ ایکٹو ہوگی۔

ایڈیشنل 65 MGD واٹر سپلائی اسکیم

ہالیجی تا پیری، کراچی

روم نمبر 04، بلاک C

9th میل، کارساز، KW&SB

شاہراہ فیصل کراچی، پاکستان

ٹیلی فون نمبر: 99245132 (92-21)

KWSB/DPR/09/2018

DAILY EXPRESS, KARACHI - TUESDAY, JANUARY 9, 2018

CLASSIFIED

IQBAL PALEJO  
Executive Engineer  
Add: 65 Mgd. Project  
KW&SB

PALEJO  
Executive Engineer  
Add: 65 Mgd. Project  
KW&SB

Karachi, Pakistan.  
2 - 21) 99245132



# Karachi Water & Sewerage Board

## NOTICE INVITING TECHNICAL PROPOSALS

### Construction of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. Package # 02

1. The Karachi Water & Sewerage Board (KW&SB) has received funds from Government of Sindh under Annual Development Program and sealed Bids are invited on National Competitive Bidding (NCB) under Two Stage Bidding Procedure as per SPP Rules 2010 on EPC / Turnkey / Lump Sump Fixed Price Basis for the following work-

Name of Work	Estimated Cost (Rs. Millions)	Bid Security	Tender Fee	Time for Completion
<b>Package # 02</b> Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machinerles) at Gharo.	980.00	2% of Bid Price	Rs.5,000/-	15 Months

- Eligibility: PEC Licensed Contractor / Firms / JV's / Consortium having sufficient relevant experience of similar works with valid PEC License in Category C-1 and above with Specialization codes CE-09, CE-10, ME-06, EE-04 & EE-05 (in case JV / Consortium), the lead firm must fulfill the C-1 Category requirement with specialization codes of either CE-10 or ME-06 while other JV/Consortium partners shall have at least Category C-2 covering all remaining specialization codes.
- Interested National firms are invited for participation fulfilling **Mandatory requirements** and may obtain "TENDER DOCUMENTS" which lists all requirements and the Qualification, Evaluation Criteria, from the office of the Project Director, (Addl. 65 MGD Project) on making payment of Rs.5,000/- (non-refundable) in the shape of Pay Order, in favor of KW&SB.

**MANDATORY REQUIREMENTS:**

- Local firms with valid registration with Pakistan Engineering Council (PEC) for the year 2017 in Category C-1 or above with Specialization Codes CE-09, CE-10, ME-06, EE-04 & EE-05.
  - Valid Registration with Income Tax & Sales Tax Departments.
  - Valid Certificate of Registration with Sindh Revenue Board showing Sindh Sales Tax Number (SSTN).
  - Affidavit on Stamp Paper of Rs. 100/- (duly notarized) that the applicant firm is not black listed by any procuring Agency, Govt. or Semi-Govt., Autonomous bodies, International organization and any Cantonment Boards in Pakistan.
  - Affidavit on stamp paper of Rs. 100/- (duly notarized) providing list of any present or past litigation of the Bidding Firm with any organization, Govt. Dept. or private concern. If no litigation, the said affidavit should mention the same.
  - Submission (Return of) Original Tender Document purchased / issued to the firm from office of the Project Director, (Addl. 65 MGD Project) shall be returned in bounded form duly filled, signed and stamped with one copy.
- MINIMUM SUPPORTING DOCUMENTS REQUIRED** (Additional documents, if required are mentioned in Tender Document).
    - Name of Firm, its status (date of Incorporation), Address, Telephone number(s) Fax number & years of experience of firm with proof.
    - Experience of General and Specific Works (for the work category) over last Ten (10) years of Rs.300/= (Three Hundred Million) or above.
    - Detail of Machinery / Equipment with manufacturer name, address and experience.
    - Existing work load / work order with details of work under execution.
    - List of machinery and equipment owned by the firm and intended to be used on the project, proof of ownership and brief description including number, model, make, capacity & location.
    - Financial soundness certificate and bank statement for last 3 years.
    - Annual Turnover for last 05 years.
    - Any other relevant information which the firm intends to submit as its qualification.
    - Authority letter of the firm showing name, designation and CNIC number of the individual for receipt of proposal documents.
    - Bid will be inclusive of all taxes including G.S.T. & Sales Tax on services Sindh.
  - Method of Procurement** : Two-Stage Bidding Procedure on National Competitive Bidding (NCB) basis.
  - Sealed Technical Proposal in Original with 01 X Copy should be delivered at the office of Project Director (65 MGD Project) as per given schedule. Each page of original copy be signed and stamped by the Bidder.
  - After Technical Bid Evaluation, only qualified bidder will be invited to submit Second Stage Technical bid along with Financial Bid for which schedule will be intimated later.
  - Bid Security will be submitted by the qualified bidder only at the time of submission of Financial Bid at Second Stage.
  - Bidding / Tender Documents:**
    - Documents will be issued on payment of tender fee (non-refundable).
    - Date of Issuance : January 10, 2018
    - Last date of Submission : February 07, 2018
    - Technical Proposal will be opened on : February 08, 2018 at 3:00 pm
    - Date of Submission & Opening of Financial proposal will be intimated later.
    - Place of issuance, submission, inquiries and opening will be:  
 Addl. 65 MGD Project, KW&SB, Shahra-e-Faisal Karachi, Pakistan. Tel. No: (92 - 21) 99245132

10. KW&SB reserves the right to accept or reject any or all proposals subject to the relevant provisions of Sindh Public Procurement (SPP) Rules 2010.

**PROJECT DIRECTOR**  
 (Addl. 65 MGD Water Supply Scheme from Haleji to Pipri), Karachi  
 Room No. 04, Block -C,  
 9th Mile, Karsaz, KW&SB,  
 Shahra-e-Faisal Karachi, Pakistan.  
 Tel. No: (92 - 21) 99245132

*Handwritten signature*  
 IQBAL PALEJO  
 Executive Engineer  
 Addl. 65 Mgd. Project  
 KW&SB

*Handwritten signature*  
 IQBAL PALEJO  
 Executive Engineer  
 Addl. 65 Mgd. Project  
 KW&SB



# ڪراچي واٽر اينڊ سپلائي ڪارپوريشن

## ٽيڪنيڪل پروپوزل جي منظوري لاءِ نوٽيس

### هاليجي ڪان پيري، ڪراچي تائين اضافي 65MGD واٽر سپلائي اسڪيم جي

#### تعمير - پيڪيج #02

اڱارو 9 جنوري 2018ء، 21 ربيع الثاني 1439ھ



ڪراچي واٽر اينڊ سپلائي ڪارپوريشن بورڊ (ڪي ڊبليو ۽ ايس پي) ڪي سنڌ حڪومت کان سالياني ڊيولپمينٽ پروگرام تحت فنڊ مليو آهي. نيشنل ڪاميٽي بندنگ (NCB) بنيادن تي، نوآبادي بندنگ پروسيجر ايس پي جي رول 2010 تحت آي سي سي برقي لاءِ سڌارو نڪندڙ پراڻي جي بنيادن تي هڪ قابل ضرر لاڙ مهربان اڇون طلب ڪجن ٿيون.

ڪم جو نالو	دڪيٽيل رقم (بلين روپيا ۾)	بڊ سيڪيورٽي	ٽينڊرفي	مليو
پيڪيج #02 واقع گهارو ۾ نيو 65MGD پمپ هائوس M&E پمپنگ مشينري سان ايڪويپمينٽ جي تعمير	980.00	بڊ جي ماليت جو 2 سڪڙو	5000 روپيا	15 مھينا

2. قابليت: پي اي سي لائسنس رکندڙ ٽيڪنيڪل فرم جي وڏي ايس ڪنورسرن سان گڏجي ڪم جي لاڳاپيل ڪم ۾ جوکو تخريب رکندڙ ڪم ڪري سگھي ٿي يا ان کان مٿي ڪوڙي سي اي-09، سي اي-10، ايس اي-06، اي اي-04 ۽ اي اي-05 رکندڙ جي وڏي ڪنورسرن جي صورت ۾ سي-1 ڪم ڪري وارين ليد فرمز يا اسپيشلائيزيشن سي اي-10 يا ايس اي-06 جي معيار تي پورو ٿيندڙ هجن. جڏهن ته ٻيا جي وڏي ڪنورسرن بارنٽر گھٽ ۾ گھٽ سي 2 رکندڙ ۽ ان جي دائري ۾ ايندڙ سمورن اسپيشلائيزيشن ڪوڙو جو پورو ڪندڙ هجن.

3. دلچسپي رکندڙ ملڪي فرمز کي هيٺ ڄاڻايل ضروري گھرجون پوريون ڪرڻ لاءِ مدعو ڪيو وڃي ٿو ٽينڊر دستاويزن ۾ سمورين گھرجن جي لسٽ ۽ ڪواليفڪيشن تشخيصي معيار جي لسٽ ڏنل آهي. پراجيڪٽ ڊائريڪٽر (ايڊيسل 65MGD پروجيڪٽ) جي آفيس مان 5000 روپيا (انائيل واپسي) پي آرڊر جي صورت ۾ ڪي ڊبليو اينڊ ايس پي جي حق ۾ ادا ڪرڻ عيوض حاصل ڪري سگھجن ٿا.

- لازمي گھرجون:
- (a) مقامي فرمز ڪيٽيگري سي-1 يا ان کان مٿي ۾ اسپيشلائيزيشن ڪوڙو، CE-09، CE-10، ME-06، EE-04 ۽ EE-05 سميت پاڪستان انجنيئرنگ ڪائونسل وٽ سال 2017 لاءِ موٽر رجسٽريشن
- (b) انٽر ٽيڪس ڊپارٽمينٽ ۽ سيل ٽيڪس ڊپارٽمينٽ ۾ رجسٽريشن
- (c) سنڌ روٽينيو بورڊ ۾ رجسٽريشن سنڌ سيلز ٽيڪس نمبر (ايس ايس تي اين) ڏيکاريندڙ
- (d) 100 ٽيڪس واري اسٽامپ پيپر تي قسمن نامو (واضح ڪندو هجي) تہ درخواست ڏيندڙ فرم ڪنهن به پروڪيورنگ ايجنسي، گورنمينٽ يا سيمي گورنمينٽ کاتي، خودمختيار ادارن، انٽرنيشنل تنظيمين ۽ پاڪستان ۾ ڪنهن ڪنٽرولمينٽ بورڊ وٽان بليڊ لسٽ ٿيل ناهي
- (e) 100 ٽيڪس واري اسٽامپ پيپر تي قسمن نامو (واضح صورت ۾) بندنگ فرم پاران ڪنهن به تنظيم، سرڪاري کاتي يا پرائيوٽ لاڳاپي سان ٿيل هائونٽي يا اڳ جي قانوني چارج جوڻي جي لسٽ فراهم ڪيل هجي جيڪڏهن ڪا به چارج جوڻي نه آهي تہ اهڙو حلف نامو ۾ اهو به ڄاڻايو وڃي
- (f) فرم پاران حريد ڪيل/جاري ٿيل، اصلي ٽينڊر دستاويز (موٽ ۾) صحي ۽ اسٽيمپ ٿيل، پراجيڪٽ ڊائريڪٽر (اضافي 65MGD پراجيڪٽ) جي آفيس ۾ مڪمل طور پريل هجڻ جي صورت ۾ جمع ڪرايا وڃن.

4. نمبر سپورٽنگ رڪارڊن ڊاڪيومينٽس (واڏو دستاويزن جيڪڏهن گھربل آهن يا ٽينڊر دستاويز ۾ ڄاڻايل آهن).

(a) فرم جو نالو، ان جي حيثيت (شامل ٿين جي تاريخ)، ايڊريس، ٽيليفون نمبر (ايس)، فيڪس نمبر ۽ فرم جي تجربي جا سال نيٽن سان گڏ

(b) عام ۽ خاص ڪمن جو تجربو (فارڊي ورڪ ڪيٽيگري) گذريل ڏهن (10) سالن دوران 300 (ٽي ملين روپيا) يا ان کان وڌيڪ

(c) تيار ڪندڙ جي نالي ۽ پتي سميت مشينري/ايڪويپمينٽ جو تفصيل تجربي

(d) هلندڙ ڪم جو دٻاءُ/زير عمل ڪم جو آرڊر ڪمن جي تفصيل سان گڏ.

(e) فرم جي ذاتي مشينري ۽ سامان جي لسٽ ۽ پراجيڪٽ ۾ ان جو استعمال، مالڪي جا ثبوت، ۽ وضاحتِي بيان نمبر، ماڊل، ناهن، ڪرڻ، گنجائش ۽ لوڪيشن سان گڏ.

(f) مالي مضبوطي جو سرٽيفڪيٽ ۽ گذريل 3 سالن جو بينڊ اسٽيٽمينٽ

(g) گذريل پنجن سالن جو ساليانو ٽرن اوور

(h) ڪا به ٻي لاڳاپيل معلومات جيڪا فرم ڄاڻائڻ چاهيندو هجي اها قابليت سمجهي ويندي

(i) پروپوزل، دستاويزن جي وصولي لاءِ، انفرادي جي لاءِ نالو، ڊيزيٽيشن ۽ سي اين آءِ سي نمبر ڄاڻائيندڙ اختياري ليٽر

(j) اڄ سان گڏ سمورا ٽيڪس جي ايس تي ۽ سيلز ٽيڪس آن سرورسز ان سنڌ شامل هجن

5. لاڳو طريقو: نيشنل ڪاميٽي بندنگ (ايس پي) بنيادن تي، نوآبادي بندنگ پروسيجر هيٺ

6. مهرت: ٽيڪنيڪل پروپوزل ان آرڊر جنرل X 01 ڪاپي سان گڏ پروجيڪٽ ڊائريڪٽر (65MGD پروجيڪٽ) جي آفيس ۾ ڏنل شيڊول تحت پهچائي وڃي اصلي ڪاپي جي هر ٻئي تي بندڙ جي صحي ۽ اسٽيمپ لڳل هجي

7. ٽيڪنيڪل بڊ ايپوليوايشن کانپوءِ، ٻئي مرحلي ۾ صرف ڪواليفائيڊ بندڙ کي فائنل بڊ جمع ڪرائڻ لاءِ مدعو ڪيو ويندو. شيڊول لاءِ خط ذريعي آگاه ڪيو ويندو.

صرف ڪواليفائيڊ بندڙ جي فائنل بڊ جمع ڪرائڻ جي ٻئي مرحلي وقت بڊ سيڪيورٽي جمع ڪئي ويندي

بندڙ/ٽينڊر دستاويز

- دستاويز ٽينڊر في (انائيل واپسي) ادا ڪرڻ تي جاري ڪيا ويندا.
- i. جاري ڪرڻ جي تاريخ: 10 جنوري 2018
  - ii. جمع ڪرائڻ جي آخري تاريخ: 07 فيبروري 2018
  - iii. ٽيڪنيڪل پروپوزل ڪوليا ويندا: 08 فيبروري 2018 بوقت ٽيپري 03:00 وڳي
  - iv. فائنل پروپوزل جمع ڪرڻ ۽ ڪولڻ جي حوالي سان خط ذريعي آگاه ڪيو ويندو.
  - v. جاري ڪرڻ، جمع ڪرائڻ، چند ڄاڻ جو هنڌ هي هوندو:
  - vi. پروجيڪٽ ڊائريڪٽر (اضافي 65MGD واٽر سپلائي، اسڪيم):

10. هاليجي ڪان پيري، ڪراچي، ڪمر نمبر 04، بلاڪ سي، ٽائٽ مائل، ڪارساز، ڪي ڊبليو اينڊ ايس پي، شاهراه فيصل، ڪراچي، فون: 21-99245132 (92) ڪي ڊبليو اينڊ ايس پي سنڌ پبلڪ پروڪيورمينٽ رول 2010 موجب سمورين اڇن يا ڪنهن حد کي به ڪرڻ هدايتدار، محفوظ، رکي ٿي پروجيڪٽ ڊائريڪٽر

(اضافي 65MGD واٽر سپلائي، اسڪيم)  
 هاليجي ڪان پيري، ڪراچي  
 ڪمر نمبر 04، بلاڪ سي،  
 ٽائٽ مائل، ڪارساز، ڪي ڊبليو اينڊ ايس پي،  
 شاهراه فيصل، ڪراچي، پاڪستان  
 فون: 21-99245132 (92)

**IOBAL PALEJO**  
 Executive Engineer  
 Addl. 65 Mgd. Project  
 KW&SB



# KARACHI WATER & SEWERAGE BOARD

## Office of the Project Director (65 MGD Project)

9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi

Room No.4, Block-C, KW&SB Tel No. +92-21-99245132

No. KW&SB/PD/65MGD/2018/ 40

Dated: 2/1/2018

### NOTIFICATION

**SUB: CONSTITUTION OF PROCUREMENT COMMITTEE PERTAINING TO CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO**

In accordance to Clause 7 & 8 of SPPRA Rules-2010, read in conjunction of Clause 3 of SPPRA Regulations for Procurement of Works 2013, a Procurement Committee is hereby constituted for opening and evaluating the Technical and Financial Proposals pertaining to construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo, comprising of the following Engineers and Officers:-

- |   |                        |
|---|------------------------|
| 1. <b>Mr. Muhammad Shakeel Qureshi</b><br>Project Director (K-III), KW&SB                 | <b>Convener</b>        |
| 2. <b>Mr. Asif Ali Khan.</b><br>Dy. Project Manager<br>(65 MGD Project), KW&SB            | <b>Member</b>          |
| 3. <b>Mr. Maqsood Ahmed Shaikh</b><br>Superintending Engr. (C)<br>Engineering Deptt, KMC  | <b>Member</b>          |
| 4. <b>Mr. Abdul Haq Channa</b><br>Executive Engr. (E&M)<br>Engineering Deptt, KMC         | <b>Member</b>          |
| 5. <b>Mr. Iqbal Palijo</b><br>Executive Engineer<br>(65 MGD Project), KW&SB               | <b>Member/Secy.</b>    |
| 6. <b>Mr. Abdul Rawoof</b><br>Representative of Consultant<br>M/s E.A Consulting Pvt. Ltd | <b>(Co-Opt) Member</b> |

#### Terms of Reference

1. Preparing Bidding Documents.
2. Carrying out Technical as well as Financial Evaluation of the Bids
3. Preparing Evaluation Report as provided in Rule 45
4. Making recommendations for the award of Contract to the Competent Authority; and
5. Perform any other function ancillary and incidental to the above.

This issues with the approval of competent authority.

ZAFAR PALIJO  
PROJECT DIRECTOR  
(65 MGD Project), KW&SB

#### Distribution:-

- All Members, Procurement Committee
- M/s. SPPRA

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Executive Engineer  
Addl 65 Mgd. Project  
KW&SB





# KARACHI WATER & SEWERAGE BOARD

HUMAN RESOURCES DEVELOPMENT AND ADMINISTRATION DEPARTMENT  
PHONE # 021 - 99231464 - FAX # 021 - 99231463

Water is Life – Save Water Save Life

No. KW&SB/HRD&A/D.P/777

Dated 22<sup>nd</sup> March, 2018

## OFFICE ORDER

In pursuance of Notification No. KW&SB/PD/65MGD/2018/40, dated 8.1.2018, a Procurement Committee is re-constituted to Evaluate the Technical / Financial Proposals in Respect of Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo on EPC / Turnkey / Lump sum Fixed Price Basis with Two Stage Bidding Procedure as the Mode Bidding as under:

1. Mr. Muhammad Shakeel Qureshi,  
Project Director (K-III), KW&SB  
Convener
2. Mr. Asif Ali Khan,  
Dy. Project Manager,  
(65 MGD Project) KW&SB  
Member
3. Mr. Maqsood Ahmed Shaikh,  
Superintending Engineer (Civil)  
Engineering Dept., KMC.  
Member
4. Mr. Tariq Ansari,  
Executive Engineer (E&M),  
Engineering Dept., KMC.  
Member
5. Mr. Ibaqal Palijo,  
Executive Engineer,  
(65 MGD Project) KW&SB  
Member
6. Mr. Abdul Rawoof,  
Representative of Consultant,  
M/s E.A. Consulting Pvt. Ltd.  
(Co-Opt)  
Member

  
IQBAL PALEJO  
Executive Engineer  
Addl 65 Mgd. Project  
KW&SB

Contd...P/2



- 1 -  
**KARACHI WATER & SEWERAGE BOARD**

HUMAN RESOURCES DEVELOPMENT AND ADMINISTRATION DEPARTMENT  
PHONE NO. 021 - 99231464 - 021 - 99231463

No. KW&SB/HRD&A/D.P/1241

Dated: 19<sup>th</sup> October, 2017

ORDER

SUBJECT: CONSTITUTION OF COMPLAINT REDRESSAL COMMITTEE FOR THE PREQUALIFICATION / BIDDING OF DIFFERENT WORK PACKAGES PERTAINING TO ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI

In order to address the complaints of bidder occur during the procurement proceedings; a Committee is hereby constituted as "Redresal of Grievances and Settlement of Disputes for Complaint Redressal as required under the Rule-31 of the "Sindh Public Procurement Rule-2010 :


1. Mr. Asadullah Khan,  
Dy. Managing Director (TS), KW&SB Convener
2. Syed Iftikhar ul Hassan,  
Divisional Accounts Officer  
Accountant General Sindh. Member
3. Dr. Bashir Lakhani,  
Director (Water Division)  
M/s Techno Consultant Int. Pvt. Ltd. Member

T.O.R.

The committee upon receiving a complaint from an aggrieved bidder may, if satisfied:

- a) Prohibit the procurement committee from acting or deciding in a manner, inconsistent with these rules and regulations.
  - b) Annul in whole or in part, any unauthorized act or decision of the procurement committee; and
- Recommend to the Head of Department that the case be declared a mis-procurement if material violation of Act, Rules, Regulations, Orders, Instructions or any other law relating to public procurement, has been established.

  
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Contd. P. 1

- c) Reverse any decision of the Procurement Committee or substitute its own decision for such a decision:
- Provided that the Complaint Redressal Committee shall not make any decision to award the contract.

The Complaint Redressal Committee shall be responsible to announce its decision within seven (07) days and intimate same to the Bidder and to the Authority, within three (03) working days. However, in case the Complaint Redressal Committee fails to arrive at a decision within 07 days, the Complaint shall stand transferred to the Review Committee for the disposal of Complaint.

This issues on the recommendation of Project Director, 65 MGD, Project, and with the approval of Managing Director, KW&SB vide para 6/N.


  
(Pervaiz-ul-Haq)  
Director Personnel

DISTRIBUTION

1. Dy. Managing Director (TS), KW&SB / Convener
2. Dy. Managing Director (Planning & Finance) KW&SB
3. Dy. Managing Director (HRD&A), KW&SB
4. Project Director (65 MGD), KW&SB
5. Director (IT) KW&SB
6. Director (F&A) KW&SB
7. Director (I&C) M.D Secretariat, KW&SB
8. Divisional Accounts Officer, Accountant General Sindh/Member
9. Director (Water Distribution),  
M/s Techno Consultant International Pvt. Ltd. / Member
10. AD (LFA) KW&SB
11. AO (ESTT) KW&SB
12. Office Copy.
13. Master File.

c.c. to Managing Director, KW&SB

Copy to Director Administration, KW&SB for computerization please.


  
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KW&SB

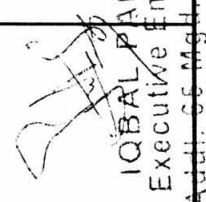


**PROCUREMENT PLAN (Development / Capital)**

**SPPRA Rule - 11**

Serial No. / ADP No.	Name of Scheme & Estimated Cost	Allocated Funds	Cost of ongoing works (Expenditure already incurred)	Funds earmarked for ongoing works	Cost of New works (components)	Funds for New Works (c - e)	Name of Procurement	Method of Procurement	Anticipate / actual Date of Advertisement	Anticipated / Actual Date of Start	Anticipated / Actual Date of Completion
a	b	c	d	e	f	g	h	i	j	k	l
1476	Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi 5978.69 million	1000 million (2017-18)	60.205 million	500.00 million	980.00 million	500.00 million	New 65 MGD Pump House at Gharo	NCB	10-Jan-18	Mar-18	Jun-19

  
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 Addtl. 65 Mgd. Project  
 KW&SB



# KARACHI WATER & SEWERAGE BOARD

## Office of the Executive Engineer 65 MGD Scheme

9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi, Block-B, KW&SB Tel No. +92-21-99245130

No. KW&SB/E.E/65MGD/2018/ 78

Dated: 1/24 2018

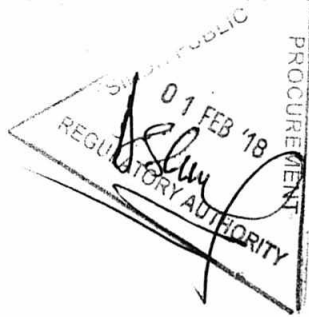
To,  
The Director (C.B)  
SPPRA  
Karachi

**SUB: Corrigendum for Extension of date for Submission / Opening of Technical Proposals for Package 02 "Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.**


Ref: No.KW&SB/E.E/65MGD/2018/76 dated 22-01-2018

In continuation of the above cited letter, enclosed please find herewith the corrigendum published in daily "Jung" Express "Awami Awaz" "The News" dated 30-01-2018 and "Dawn" dated 31-01-2018 for Hoisting on SPPRA website please.

**Encl** : Copies of Press Clipping



  
o/c **Executive Engineer**  
65 MGD Project, KW&SB

  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB



www.jang.com.pk  
pr.khi@janggroup.com.pk



## کراچی واٹر اینڈ سیوریج بورڈ

ایڈیشنل 65 ایم جی ڈی بلک واٹر سپلائی اسکیم  
فرام ہالیجی تا پیپری، کراچی

### تصحیح

حوالہ نمبر برائے جلی ٹیکنیکل پروپوزلز بذریعہ نمبر KW&SB/DPR/09/2018 اور صحیح نمبر KW&SB/DPR/19/2018 شائع شدہ اہم اخبارات مورخہ 09.01.2018/10.01.2018 اور 19.01.2018/20.01.2018 بالترتیب جن میں ہائیڈرو پمپری، کراچی اضلاع 65 ایم جی ڈی واٹر سپلائی اسکیم کیلئے کنٹریکٹرز اور فرمز/جوائنٹ وینچرز/کنسورشیم سے ٹیکنیکل پروپوزلز طلب کی گئی تھیں۔

### پیکج کا نام

پیکج نمبر 02: گھارو میں (ایم اینڈ ای) پمپنگ مشینری سے لیس 65 ایم جی ڈی پمپ ہاؤس کی تعمیر ٹیکنیکل پروپوزلز جمع کرانے کے لئے جانے کی آخری تاریخ جو جمعرات 08 فروری 2018 مقرر کی گئی تھی، اس میں برطانیق ذیل توسیع کر دی گئی ہے۔

ٹیکنیکل پروپوزلز جمع کرانے کی آخری تاریخ:	منگل 20.02.2018	سہ پہر 2:30 بجے تک
ٹیکنیکل پروپوزلز کو لے جانے کی تاریخ:	منگل 20.02.2018	سہ پہر 3:00 بجے تک

جوائنٹ وینچرز اور فرمز/جوائنٹ وینچرز اور فرمز/کنسورشیم سے ٹیکنیکل پروپوزلز طلب کی گئی تھیں۔

## کراچی واٹر اینڈ سیوریج بورڈ

KWSB/DPR/31/2018

## کراچی واٹر اینڈ سیوریج بورڈ

ایڈیشنل 65 MGD بلک واٹر سپلائی اسکیم  
ہالیجی تا پیپری، کراچی

### تصحیح

سرکردہ اخبارات میں شائع شدہ حوالہ نمبر برائے جلی ٹیکنیکل پروپوزلز نمبر KW&SB/DPR/09/2018 کے تحت اور صحیح نمبر KW&SB/DPR/19/2018 بتاریخ 09-01-2018/10-01-2018/19-01-2018/20-01-2018 بالترتیب کنٹریکٹرز اور فرمز/جوائنٹ وینچرز/کنسورشیم سے ٹیکنیکل پروپوزلز طلب کرانے کے لئے جانے کی آخری تاریخ جو جمعرات 08 فروری 2018 مقرر کی گئی تھی اس میں بذریعہ انفرمیٹو نوٹس پر مبنی توسیع کر دی گئی جو ذیل کے مطابق ہے۔

### پیکج کا نام

پیکج نمبر 02: گھارو میں 65 MGD پمپ ہاؤس کی تعمیر (M&E) پمپنگ مشینری سے لیس 65 ایم جی ڈی پمپ ہاؤس کی تعمیر ٹیکنیکل پروپوزلز جمع کرانے کے لئے جانے کی آخری تاریخ جو جمعرات 08 فروری 2018 مقرر کی گئی تھی اس میں بذریعہ انفرمیٹو نوٹس پر مبنی توسیع کر دی گئی جو ذیل کے مطابق ہے۔

ٹیکنیکل پروپوزلز جمع کرانے کی آخری تاریخ: منگل 20-02-2018 دوپہر 2:30 بجے تک

ٹیکنیکل پروپوزلز کو لے جانے کی تاریخ: منگل 20-02-2018 سہ پہر 3:00 بجے تک

دیگر قواعد و ضوابط و دیگر باتیں دیکھیں۔

## کراچی واٹر اینڈ سیوریج بورڈ

KWSB/DPR/31/2018

# INTERNATIONAL THE NEWS



## Karachi Water & Sewerage Board

Additional 65 MGD Bulk Water Supply Scheme  
from Haleji to Pipri, Karachi

### CORRIGENDUM

Reference to the Notice Inviting Technical Proposals vide No: KW&SB/DPR/09/2018 and Corrigendum No KW&SB/DPR/19/2018 published in leading Newspapers, dated: 09-01-2018 / 10-01-2018 and 19-01-2018 / 20-01-2018 respectively inviting Technical Proposals from the Contractors / Firms / J.V's / Consortium for the following Work Package under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

#### Name of Package:-

Package - 02: Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Garho.

The last date for the Submission / Opening of Technical Proposals which was fixed as Thursday, the 08th of February, 2018 is hereby Extended with immediate effect as follows.

Last date of Submission of Technical Proposals =  
Tuesday, 20-2-2018 till 2:30 pm.

Date of Opening of Technical Proposals =  
Tuesday, 20-2-2018 till 3:00 pm.

All other Terms and Conditions will remain the same.

KWSB/DPR/31/2018 Karachi Water & Sewerage Board



## کراچی واٹر اینڈ سیوریج بورڈ

ایڈیشنل 65 MGD بلک واٹر سپلائی اسکیم  
ہالیجی کان پیپری کراچی تائین

### تصحیح

KW&SB/DPR/09/2018 مطابق ٹیکنیکل پروپوزلز طلب کرنے جو نوٹیس KW&SB/DPR/19/2018 مطابق تصحیح، ترتیب وار 09-01-2018/10-01-2018/19-01-2018/20-01-2018 کی موقر اخبارات میں شائع ہو چکا ہے۔ اس میں ہالیجی کان پیپری کراچی تائین واٹر 65 MGD واٹر سپلائی اسکیم کے لئے ٹیکنیکل پروپوزلز طلب کرنے کے لئے جانے کی آخری تاریخ جو جمعرات 08 فروری 2018 مقرر کی گئی تھی اس میں بذریعہ انفرمیٹو نوٹس پر مبنی توسیع کر دی گئی جو ذیل کے مطابق ہے۔

پیکج جو نالو: پیکج نمبر 02: گھارو میں 65 MGD پمپ ہاؤس کی تعمیر (M&E) پمپنگ مشینری سے لیس 65 ایم جی ڈی پمپ ہاؤس کی تعمیر

ایکویپڈ) جی تعمیر ٹیکنیکل پروپوزلز جمع کرانے کی آخری تاریخ جو جمعرات 08 فروری 2018 مقرر ہئی کی فوری طور تي ہمیں ریت و ڈیویو آھی۔

ٹیکنیکل پروپوزلز جمع کرانے کی آخری تاریخ: اگر ایڈیشنل 20-02-2018 بوقت 02:30 وگھی تیہری۔

ٹیکنیکل پروپوزلز کو لے جانے کی تاریخ: اگر ایڈیشنل 20-02-2018 بوقت 03:00 وگھی

بیا سمورا شرط و ضابطا ساگیا ئی رهندا۔

## کراچی واٹر اینڈ سیوریج بورڈ

KWSB/DPR/31/2018

# DAWN

WEDNESDAY JANUARY 31, 2018



## Karachi Water & Sewerage Board

Additional 65 MGD Bulk Water Supply Scheme  
from Haleji to Pipri, Karachi

### **CORRIGENDUM**

Reference to the Notice Inviting Technical Proposals vide No: KW&SB/DPR/09/2018 and Corrigendum No KW&SB/DPR/19/2018 published in leading Newspapers, dated: 09-01-2018 / 10-01-2018 and 19-01-2018 / 20-01-2018 respectively inviting Technical Proposals from the Contractors / Firms / J.V's / Consortium for the following Work Package under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

#### **Name of Package:-**

**Package - 02: Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo.**

The last date for the Submission / Opening of Technical Proposals which was fixed as Thursday, the 08<sup>th</sup> of February, 2018 is hereby Extended with immediate effect as follows.

**Last date of Submission of Technical Proposals =  
Tuesday, 20-2-2018 till 2:30 pm.**

**Date of Opening of Technical Proposals=  
Tuesday, 20-2-2018 till 3:00 pm.**

All other Terms and Conditions will remain the same.

KWSB/DPR/31/2018 **Karachi Water & Sewerage Board**

**IQBAL PALEJO**  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB





# KARACHI WATER & SEWERAGE BOARD

## Office of the Executive Engineer 65 MGD Additional 65 MGD Water Supply Project

9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi, Block-B, KW&SB Tel No. +92-21-99245130

No. KW&SB/E.E/65MGD/2018/76

Dated: January 22nd, 2018

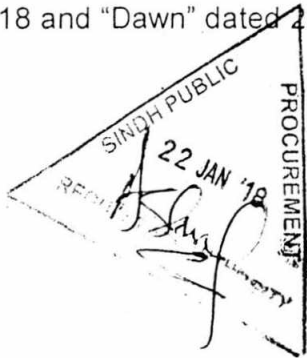
To,  
The Director (C.B)  
SPPRA  
Karachi

**SUB: HOISTING OF CORRIGENDUM OF PREQUALIFICATION NOTICE FOR THE PROJECT OF ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI.**

**PACKAGE 02:- "Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo.**

Ref: No.KW&SB/E.E/65MGD/2018/74 dated 10-01-2018

In continuation of the above cited letter, enclosed please find herewith the corrigendum published in daily "Jung" Express" "Awami Awaz" "The News" dated 19-01-2018 and "Dawn" dated 20-01-2018 for Hoisting on SPPRA website.



**Executive Engineer**  
65 MGD Project, KW&SB

**IQBAL PALEJO**  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB



**DAWN**

JANUARY 20, 2018



**Karachi Water & Sewerage Board**

**CORRIGENDUM**

Reference to the Notice Inviting Technical Proposals vide No: KW&SB/DPR/09/2018 published in leading Newspapers, dated: 09-01-2018 and 10-01-2018, inviting Technical Proposals from the Contractors / Firms / J.V's / Consortiums for the following Work Package under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

**Name of Package:-**

**Package - 2: Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo.**

The last date for the Submission of Technical Proposals, which was fixed as Wednesday, the 07th of February, 2018 is hereby extended with immediate effect upto Thursday, the 08th of February, 2018 till 2:30 pm.

All other Terms and Conditions will remain the same.

KWSB/DPR/19/2018 **Karachi Water & Sewerage Board**

IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB



**کراچی واٹر اینڈ سیوریج بورڈ**

**تعمیر**

حوالہ ہالگی تاچری، کراچی اضانی 65MGD واٹر سپلائی اسکیم کے تحت مندرجہ ذیل ورک ٹینک کیلئے کنٹریکٹرز/فرمز I.V.s/کنسورشیز سے ٹیکنیکل پروپوزلز طلب کرنے کیلئے، KW&SB/DPR/09/2018 کے تحت مورخہ 09-01-2018 اور 10-01-2018 کو قومی اخبارات میں شائع شدہ ٹیکنیکل پروپوزلز طلبی نوٹس۔

ٹینک کا نام: 2- گھارو مین (M&E) مشینریز کیلئے ایڈیٹڈ) 65MGD پمپ ہاؤس کی تعمیر ٹیکنیکل پروپوزلز جمع کرانے کی آخری تاریخ جو بدھ 07 فروری 2018 مقرر کی گئی تھی کو برائے ہذا فوری طور پر مؤثر ہونے کے ساتھ منسلک 08 فروری 2018ء دن 02:30 بجے تک بڑھادی گئی ہے۔

تمام دیگر قواعد و ضوابط جاری رہیں گے۔  
کراچی واٹر اینڈ سیوریج بورڈ  
KW&SB/DPR/19/2018

**کراچی واٹر اینڈ سیوریج بورڈ**

**تعمیر**

حوالہ ہالگی تاچری، کراچی ایڈیشنل 65MGD واٹر سپلائی اسکیم کے تحت مندرجہ ذیل ورک ٹینک کیلئے کنٹریکٹرز/فرمز I.V.s/کنسورشیز سے ٹیکنیکل پروپوزلز طلب ہیں کے حوالے سے نمبر KW&SB/DPR/09/2018 کے تحت مورخہ 09-01-2018 اور 10-01-2018 کو برائے اخبارات میں شائع شدہ ٹیکنیکل پروپوزلز طلبی نوٹس۔

ٹینک کا نام: 2- گھارو مین (M&E) مشینریز کیلئے ایڈیٹڈ) 65MGD پمپ ہاؤس کی تعمیر ٹیکنیکل پروپوزلز جمع کرانے کی آخری تاریخ جو بدھ 07 فروری 2018 مقرر کی گئی تھی جس میں فوری طور پر جمعرات 08 فروری 2018ء دوپہر 02:30 بجے تک بڑھادی گئی ہے۔ تمام دیگر قواعد و ضوابط سبب باقی رہیں گے۔

کراچی واٹر اینڈ سیوریج بورڈ  
KW&SB/DPR/19/2018

**Karachi Water & Sewerage Board**  
**CORRIGENDUM**

Reference to the Notice Inviting Technical Proposals vide No. KW&SB/DPR/09/2018 published in leading Newspapers, dated 09-01-2018 and 10-01-2018, inviting Technical Proposals from the Contractors / Firms / JV's / Consortiums for the following Work Package under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

Name of package:  
Package: Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machinery) at Gharo.

The last date for the submission of Technical Proposals, which was fixed as Wednesday, the 07th of February, 2018 is hereby extended with immediate effect upto Thursday, the 08th of February, 2018 till 2:30 pm.

All other terms and Conditions will remain the same.

KW&SB/DPR/19/2018

**IQBAL PALEJO**  
Executive Engineer  
Addl. 65 Mgd. Proj  
KW&SB

**کراچی واٹر اینڈ سیوریج بورڈ**

**تعمیر**

ہیٹ جٹائبل کمر، پمپنگ انڈر ایڈیشنل 65MGD واٹر سپلائی اسکیم، ہالگی تاچری کان پمپ کراچی ٹائین جی لاء، نیکیڈارن/فرمز JV's کنسورشیز کان ٹیکنیکل پروپوزلز طلب کرنے کیلئے، مقرر اخبارات پر تاریخ 09-01-2018 اور 10-01-2018 کے مطابق ٹیکنیکل پروپوزلز طلب کرنے واری شائع ٹیل نوٹس جی حوالی سان جٹائبل جی نوٹس: پمپنگ جی ناؤ: پمپنگ جی 2- ایت گھارو (M&E) مشینریز سان ایڈیٹڈ) 65MGD پمپ ہاؤس جی تعمیر ٹیکنیکل پروپوزلز جی جمع کرائے جی آخری تاریخ جی جمعہ 07 فروری 2018ء کی فوری طور پر 08 فروری 2018ء بروقت منجھند 02:30 بجے تک بڑھادی گئی ہے۔ تمام دیگر قواعد و ضوابط سبب باقی رہیں گے۔

کراچی واٹر اینڈ سیوریج بورڈ  
KW&SB/DPR/19/2018

# KARACHI WATER & SEWERAGE BOARD



## ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI

*CONSTRUCTION OF NEW 65 MGD PUMP HOUSE  
(EQUIPPED WITH M&E PUMPING MACHINERIES) AT GHARO*

**EPC/ TURNKEY CONTRACT ON  
LUMP-SUM FIXED PRICE BASIS**

**TECHNICAL EVALUATION REPORT**

**(STAGE-I)**

**April 2018**



## KARACHI WATER & SEWERAGE BOARD

### Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi

Construction of New 65 MGD Pump House  
(Equipped with M&E Pumping Machineries) at Gharo

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3	Evaluation Criteria .....	03
4	Submission of Technical Proposals .....	08
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### Executive Summary

The Karachi Water and Sewerage Board conceive a Project to utilize the balance quantity of 65 MGD water out of the present water quota of 650 MGD for Karachi city from Indus source. The Project comprises of an integrated system of Canals, Conduits, Siphons, Rising Mains, Pipelines and a 65 MGD Pump House.

From the above Project components the tender for the Construction of Pump House was invited by following Two Stage Bidding Procedure as an EPC / Turnkey Contract on Lump Sum Fixed Price basis. Accordingly a Procurement Committee was constituted for Opening and Evaluating the Stage -I, Technical Proposals submitted by prospective Bidders for the Construction of 65 MGD Pump House under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. The Procurement Committee carried out the task assigned to them as per the laid down Evaluation Criteria. The process was conducted through several meetings of the Committee, wherein thorough discussions / deliberations were carried out to evaluate the Technical Proposals, and accordingly Points / marks were awarded to each Contracting Firm, who submitted their Technical Proposals which are summarized as under:-

S #	Name of the Firm	Score	Status
1.	M/s. KSB Pumps Company Limited.	90.5	Pass
2.	M/s. AL Tariq Constructors (Pvt.) Ltd.	Non Responsive	Fail
3.	M/s. Muhammad Iqbal Shaikh & Co.	41.5	Fail

The Procurement Committee checked for the compatibility and consistency of the Technical Proposals Documents with Evaluation Criteria, One (01) Contracting Firm was found eligible to submit Revised Technical Proposals Stage -II alongwith Financial Proposals pertaining to the Construction of New 65 MGD Pump House Equipped with (M&E Pumping Machineries) at Gharo.

The selection of the Contracting Firms / Joint Ventures is carried out strictly in accordance with the Evaluation Criteria and prevailing Sindh Public Procurement Rules.

The Section-4 of this report deals with an in depth analysis of every individual Contracting Firm and explained as under indicating the Points distribution at Annexure -"A".

  
IQBAL PALEJO  
Executive Engineer,  
Addl 65 Mgd. Project  
KW&SB

  
Asif Ali Khan  
Dy. Project Manager (Project)  
Karachi Water & Sewerage Board

  
Project Director  
K W & S B



## SECTION – 1

### 1.1 Background

As per the requirement of KW&SB the services of a qualified Contracting Firm is required for the execution of Package – 2 "Construction of New 65 MGD Pump House Equipped with (M&E Pumping Machineries) at Gharo" under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. Accordingly, KW&SB through publication in press invited the Contracting Firms / Joint Ventures to provide the Construction Services for the Project.

The requests to submit the Technical Proposals (Stage I) through Two Stage Bidding Procedure on EPC / Turnkey, Lump Sum Fixed Price basis were invited from the Contracting Firms / Joint Ventures and Bidding Documents were issued to these Contracting Firms in accordance to SPPRA Rules 2010.

Eighteen (18) Contracting Firms / Joint Ventures purchased the Bidding Documents out of which Three (03) Contracting Firms submitted their Technical Proposals on 20/02/2018.


### 1.2 Evaluation Criteria

The Evaluation Criteria available in the Bidding Documents was used for carrying out the evaluation of Technical Proposals submitted by Contracting Firms / Joint Ventures. The maximum Points allocated are 100 and the firms, who obtains minimum of 60 Points with at least 50 Points in all five categories of Evaluation Criteria was eligible to submit their Revised Technical Proposal (Stage II) along with Financial Proposals pertaining to "Construction of New 65 MGD Pump House Equipped with (M&E Pumping Machineries) at Gharo" under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

Following Mandatory Requirements are to be submitted by the Contracting Firms/Joint Ventures to clear the stage of Responsiveness Check and become eligible for detailed Evaluation.

#### **MANDATORY REQUIREMENT**

- PEC Certificate (valid for current year) – CI Category
- NTN Certificate
- Registration Certificate of (SBR)
- Schedules (A to I) to Bid duly filled and signed.
- Affidavit for No Blacklisting
- Affidavit for Litigation History
- Undertaking on Stamp Paper that the Bidder has submitted a Lump Sum Fixed Price Bid and no additional payment over and above his Lump Sum Fixed Price Bid shall be claimed or admissible under any circumstances.

  
IQBAL PALEJO  
Executive Engineer  
Additional 65 MGD Water Supply Scheme  
from Haleji to Pipri, Karachi Project (Page 2)  
KW&SB

  
Asif Ali Khan  
Project Manager  
Karachi Water & Sewerage Board

  
Project Director  
KW & SB





Following instructions were contained in the bidding document:-

"The Bids will be evaluated on the basis of points as mentioned below. Financial proposal of only those bidders shall be opened whose Technical Proposal gets 50% in each of the five categories mentioned below and overall 60% qualifying points out of 100 maximum points. The following information shall be presented in an orderly manner and no extra/ additional information is required so as to facilitate efficient evaluation."

**EVALUATION CRITERIA**

**Experience**

**Max. Points 30**

Max. Points 10

List of overall experience of the firm as lead contractor with details of satisfactorily completed works in past Ten years (02 points for each project of Rs. 300 million or above upto a maximum of 05 projects). Documentary proof (i.e. work order & completion certificate) be attached. The projects should be presented strictly in the following format and no additional information should be given:

Sr. No.	Name of Work	Employer/ Client	Amount (Rs.)	Date		Documents enclosed (Y/N)	
				Start	Completion	W-order	Completion
1)							
2)							
3)							
4)							
5)							

Max. Points 20

Experience of similar works (works related to pumps & construction of pump house) as lead contractor (10 points for each facility / project essentially comprising of Civil, Mechanical and Electrical works, satisfactorily completed in last 10 years of at least Rs. 300 million or above minimum of 02 projects. Documentary proof (i.e. work order & completion certificate) be attached. The projects should be presented strictly in the following format and no additional information should be given:



Sr. No.	Name of Work	Employer/ Client	Amount (Rs.)	Date		Documents enclosed (Y/N)	
				Start	Completion	Work order	Completion
2)							
3)							

**Submission of Design**

**Max. Points 20**

Max. Points 15

Satisfactory/ Workable Design in accordance with laid down/ guideline parameters indicated in bidding documents duly stamped and signed.

Max. Points 05

Proposed Detailed Construction Schedule (inter-relating all the sub-heads of the works) along with monthly progress schedule as per Clause 12.1 and 12.4 of PCC

**Personnel Capabilities**

**Max. Points 25**

**Execution Team**

Max. Points 08

Max. Points 03

- a) Project Manager - Professional Engineer registered with PEC with at-least 20 years overall experience and 10 years' experience in related works having completed at-least two Pumping Stations worth more than Rs. 300 million. Detailed CV along with PEC registration, to be submitted.

Max. Points 05

- b) List of employed Graduate Engineers with qualification and at-least 10 years' experience of working on Pumping Station Project along with documentary proof and PEC Registration Number (01 Point for each Engineer (02 Civil, 2 Mechanical and 1 Electrical)





### Design Team

Max Points 17

The Bidder shall submit the details of proposed Design Team / Consultant along with a firm commitment from the Design Team / Consultant that they will submit the complete design to KW&SB along with softcopy / design calculations, the Design Team / Consultant shall provide complete Design Services to the Bidder and shall take its design liability for the project if the project is awarded to the bidder. Design Team / Consultant shall be considered only if a valid PEC License as Consulting Engineer is provided having Specialization Codes of 1204 and above mentioned undertaking. The required details / evaluation criteria is:-

a) Previous Design Experience

Max. Points 09

4.5 for each Engineer (Mechanical) who has overall 15 yrs. experience with atleast 2 projects of Pumping Station design experience.

b) Proposed Principal Design Engineer (Civil)

Max. Points 04

Structure Engineer (ME-Structure) with 15 Years of experience and design experience of at least 2 Pump Houses (02 points per each engineer)

c) Design Engineer (Electrical)

Max. Points 04

Electrical Engineer (ME-Electrical) with 15 Years of experience and design experience of at least 2 Pump Houses (02 points per each engineer)

### Equipment Capabilities

Max Points 05

List of machinery and equipment intended to be used on the project with proof of ownership.

Sr. No.	Description	Points Assigned	Distribution of Points
(a)	Excavator equipped with Jack hammer and bucket (2 Nos.)  Owned or Leased	01	0.5 Points for each equipment

IQBAL PALEJO

Executive Engineer  
Additional 65 MGD Water Supply Scheme  
from Haleji to Pjri, Karachi  
KW&SB

Ali Khan (Page 5)  
Project Manager  
Karachi Water & Sewerage Board

Project Director  
K W & S B



(b)	Crane with long boom 60 feet or more (02 Nos.) Owned or Leased	01	0.5 Points for each equipment
(c)	Welding Plant with mounted wheels with high amperage (2 nos.)	01	0.5 Points for each equipment
(d)	Transit mixer (2 Nos.) Owned or Leased	01	0.5 Points for each equipment
(e)	Concrete Batching Plant	01	1 Point for Equipment

**NOTE: Ownership of the equipment would carry full points based on the list of equipment and machinery provided with the ownership documents, otherwise the equipment / machinery would be considered as hired / rented.**

**Rented equipment / machinery will carry 50 % points.**

**Documentary Evidence of Financial Soundness**

**Max Points 20**

Max Points 03

1. Income Tax Return duly accepted by CBR of 5 years.

Max Points 06

2. Comprehensive Balance Sheets duly audited from Chartered Accountant for last 05 years.

Max Point 01

3. Financial Soundness Certificate at least from AA Rated Bank

Max Points 10

4. Working Capital of last 05 years to be ascertained from Balance Sheet duly Audited by Chartered Accountant and Income Tax Return duly accepted by CBR.

Less than Rs. 300 M	- 0 Points
Upto Rs. 450 M	- 03 Points
Upto Rs. 600 M	- 06 Points
Above Rs. 600 M	- 10 Points



Total Max Points 100

The distribution of the Points as per the Evaluation Criteria of Bidding Document for each Category are as follows: -

Section	Category	Maximum Points
Section - I	Experience	30
Section - II	Submission of Design	20
Section - III	Personnel Capabilities	25
Section - IV	Equipment Capabilities	05
Section - V	Documentary Evidence of Financial Soundness	20
<b>Total Points</b>		<b>100</b>

  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB

  
Asif Ali Khan  
Dy. Project Manager (Project)  
Karachi Water & Sewerage Board

  
Project Director  
KW & SB



**SECTION - 2**


**SUBMISSION OF TECHNICAL PROPOSALS**

The Technical Proposals were submitted by the Contracting Firms / Joint Ventures, with one Original alongwith one Copy in sealed condition in accordance with SPPRA Rules 2010. The following Contracting Firms / Joint Ventures have submitted their Technical Proposals on 20<sup>th</sup> February 2018:-

S #	Name of the Firm
1	M/s. KSB Pumps Company Limited.
2	M/s. AL Tariq Constructors (Pvt.) Ltd.
3	M/s. Muhammad Iqbal Shaikh & Co.

**Technical Proposals**

The Technical Proposals received by KW&SB were opened in the presence of Procurement Committee on 20-02-2018. The Technical Proposals of each of the 03 Contracting Firms / Joint Ventures were presented to all the members of the Procurement Committee for the purpose of review and evaluation.

  
IQBAL ALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB

  
Asif Ali Khan  
Dy. Project Manager (65 Project)  
Karachi Water & Sewerage Board

  
Project Director  
KW & SB

### SECTION – 3

#### 3.1 Formulation of Procurement Committee / Marking of Firms

A Procurement Committee comprising of the following Members was constituted by the Competent Authority of KW&SB, for Opening / Evaluation of Technical Proposals submitted by the Contracting Firms / Joint Ventures for Package "02" Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. The Procurement Committee carried out the task assigned to them as per the approved T.O.R. The process was conducted through several meetings of the Committee, wherein thorough discussions / deliberations were carried out to evaluate the Technical Proposals, in respect of subject work in detail, and accordingly scores / points were awarded to each Contracting Firm / Joint Venture.

- |  |                            |
|--|----------------------------|
| 1. <b>Mr. Muhammad Shakeel Qureshi</b><br>Project Director (K-III), KW&SB                | <b>Convenor</b>            |
| 2. <b>Mr. Asif Ali Khan.</b><br>Dy. Project Manager (65 MGD Project), KW&SB              | <b>Member</b>              |
| 3. <b>Mr. Maqsood Ahmed Shaikh</b><br>Superintending Engr. (C) Engineering Deptt, KMC    | <b>Member</b>              |
| 4. <b>Mr. Abdul Haq Channa</b><br>Executive Engr. (E&M) Engineering Deptt, KMC           | <b>Member</b>              |
| 5. <b>Mr. Iqbal Palejo</b><br>Executive Engineer (65 MGD Project), KW&SB                 | <b>Member/<br/>Secy.</b>   |
| 6. <b>Mr. Abdul Rawoof</b><br>Representative of Consultant<br>M/s E.A Consulting Pvt.Ltd | <b>(Co-Opt)<br/>Member</b> |

Later on the Procurement Committee was reconstituted as under, due to non availability of member at serial No. 04.

- |   |                            |
|---|----------------------------|
| 1. <b>Mr. Muhammad Shakeel Qureshi</b><br>Project Director (K-III), KW&SB             | <b>Convenor</b>            |
| 2. <b>Mr. Asif Ali Khan.</b><br>Dy. Project Manager (65 MGD Project), KW&SB           | <b>Member</b>              |
| 3. <b>Mr. Maqsood Ahmed Shaikh</b><br>Superintending Engr. (C) Engineering Deptt, KMC | <b>Member</b>              |
| 4. <b>Mr. Tariq Ansari</b><br>Executive Engr. (E&M) Engineering Deptt, KMC            | <b>Member</b>              |
| 5. <b>Mr. Iqbal Palejo</b><br>Executive Engineer (65 MGD Project), KW&SB              | <b>Member/<br/>Secy.</b>   |
| 6. <b>Mr. Abdul Rawoof</b><br>Rep. of Consultant, M/s E.A Consulting Pvt.Ltd          | <b>(Co-Opt)<br/>Member</b> |



Various meetings were held by the Committee to evaluate the Technical Proposals. The Members of the Procurement Committee carried out the assessment of the Technical Proposals submitted by the Contracting Firms / Joint Ventures independently comparing it with different requirements as envisaged in the Evaluation Criteria. During the process, the Committee Members exchanged views and sought clarification of certain issues, which have been incorporated in the report accordingly.

Initially, the Firms were subjected to a responsiveness check for the mandatory requirements and out of three (03) Contracting Firms/Joint Ventures, two (02) firms were found eligible for detailed evaluation of their Technical Proposals.

**Mandatory Requirement (Responsiveness Check)**

Technical Proposal (Stage-I)

ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI										
CONSTRUCTION OF NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M & E PUMPING MACHINERIES) AT GHARO										
File No.	NAME OF BIDDER	JV Share/(%) Consortium Share (%)	PEC Certificate	NTN Certificate	Registration Certificate (SBR)	Schedule of (A to I) of Bid duly filled and Signed	Affidavit for Not Black Listing	Affidavit for Litigation history	A firm undertaking on Stamp Paper by the bidder that his Lump-Sum Fixed price is inclusive of all user requirements and no additional claim is admissible under any circumstances	Remarks
1	M/s. KSB Pumps Company Limited.	X	✓	✓	✓	✓	✓	✓	✓	Responsive
2	M/s. AL Tariq Constructors (Pvt.) Ltd.	X	✓	✓	✓	X	X	X	X	Non Responsive
3	M/s. Muhammad Iqbal Shaikh & Co.	X	✓	✓	✓	✓	✓	✓	✓	Responsive






### Detail Evaluation

After the check for Mandatory Requirements / Responsiveness Check the firms found Responsive were subject to Detailed Evaluation. A system for the allocation of points as per Evaluation Criteria, is adopted and the following responsive bidders who are found consistent to the requirement of Evaluation Criteria of Technical Proposals, were declared qualified and eligible to submit the Revised Technical Proposals (Stage-II) along with Financial Proposals pertaining to Package "02" Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

S #	Name of the Firm	Score	Status
1.	M/s. KSB Pumps Company Limited.	90.5	Pass
2.	M/s. Muhammad Iqbal Shaikh & Co.	41.5	Fail

  
IQBAL PALEJO  
Executive Engineer  
Addl. 65 Mgd. Project  
KW&SB

  
Asif Ali Khan  
Jy. Project Manager (Project)  
Karachi Water & Sewerage Board

  
Project Director  
K W & S B



## SECTION - 4

### ANALYSIS OF THE TECHNICAL PROPOSALS

The Contracting Firms / Joint Ventures, who passed the Responsiveness Check were found eligible for detailed evaluation and were accordingly examined and analyzed thoroughly and independently in accordance with the Evaluation Criteria exhibited under Section-04 of the Bidding Document, after which, the summarized report incorporating the details individually for every Contracting Firm / Joint Venture was prepared and is presented as under:-

#### ANALYSIS OF TECHNICAL PROPOSALS

Contracting Firm: M/s. KSB Pumps Company Limited.

Address: 16/2, Sir Agha Khan Road, 54000 Lahore, Pakistan.

Submittal: Sealed Technical Proposal, 12 Volumes in Bounded Form (with one in Original alongwith one Copy).

#### General:

M/s. KSB Pumps Company Limited having its registered office at 16/2, Sir Agha Khan Road, 54000 Lahore, Pakistan is a local Pakistani Contracting Firm who has submitted the Technical Proposal for Package "02" Construction of New 65 MGD Pump House (Equipped with M&E Pumping Machineries) at Gharo under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. The firm has submitted its Technical Proposal vide letter No. WTP/Gharo/Tech/0, dated: February 20, 2018.

The information as contained in the Technical Proposal has been checked for completeness, clarity and conformity as per the Evaluation Criteria and requirement of the Bidding Document.

In general, the overall perception evolved after reviewing the Technical Proposals is that:-

- The firm has submitted the Technical Proposal in a presentable manner, complying most of the requirements of the Evaluation Criteria.

The Technical Proposal has been examined closely in accordance with the laid down Evaluation Criteria and in line with the procurement guidelines of SPPRA-2010, the details of which is demonstrated as under:-

IQBAL PALEJO

Executive Engineer  
Additional 65 MGD Water Supply Scheme  
from Haleji to Pipri, Karachi  
KW&SB

Asif Ali Khan

Dy. Project Manager  
Karachi Water & Sewerage Board

Project Director  
K W & S B

**Experience Record**

The firm possesses ample overall experience of executing different projects and has 05 projects at his credit satisfactorily completed during past 10 years. The firm also holds the experience of working on projects of similar nature and complexity and has 02 similar projects at his credit completed during past 10 years, of Rs. 300 Million or above hence, the firm qualifies and fulfills the required experience record as per the Evaluation Criteria.

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Overall Experience	10	10
2.	Experience of Similar Works	20	20

**Submission of Design**

The firm has responded to the requirement for the Submission of Design as per the Evaluation Criteria and in this regard has submitted the following required information:-

- Satisfactory / workable design in accordance with laid down / guidelines parameters indicated in Bidding Documents.
- Proposed Detailed Construction Schedule (inter-relating all the sub-heads of the works) along with monthly progress schedule as per Clause 12.1 and 12.4 of PCC.

An in depth scrutiny of the Firm's submission of design related to above two items reveals that the design submitted by the firm is valid / workable and satisfies most of the required design parameters of the bidding documents. The firm has also submitted a detailed construction schedule interrelating all major sub-heads of the project, confirming therein to all foremost requirements, hence, the firm qualifies and fulfills the Submission of Design as per the Evaluation Criteria.

S #	Name of the Firm	Points as per Evaluation Criteria	Points Obtained
1.	Satisfactory / Workable Design	15	12
2.	Detailed Construction Schedule	05	04

**Personnel Capabilities**

The Personnel Capabilities section comprises of Execution Team and Design Team which are to be proposed by the firm for the following positions and required experience as per Evaluation Criteria.

*(Signature)*  
 IQBAT PALE  
 Executive  
 Addl. 65 Mgd. Project  
 KW&SB

*(Signature)*  
 Asif Ali Khan  
 (Page 13)  
 Dy. Project Manager  
 Karachi Water & Sewerage Board

*(Signature)*  
 Project Director  
 KW & SB



### Execution Team

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Project Manager <b>Required Experience 20 years</b>	03	03
2.	Graduate Engineers <b>Required Experience 10 years</b>	05	05
	i. Civil Engineer (Max. 02Nos.)	<b>02</b>	<b>02</b>
	ii. Mechanical Engineer (Max. 02 Nos.)	<b>02</b>	<b>02</b>
	iii. Electrical Engineer (Max. 01 No.)	<b>01</b>	<b>01</b>

The Personnel proposed by the firm for the execution of project including the Project Manager and related Graduate Engineers are generally well qualified and possess the required experience of working on Mega Engineering Projects as well as projects of similar nature and complexity.

### Design Team

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Mechanical Engineer <b>Required Experience 15 years</b> (Max. 02 Nos.)	09 (4.5 Points for each Engr.)	09
2.	Principal Design Engineer (Civil) <b>Required Experience 15 years</b> (ME-Structure) (Max. 02 Nos.)	04 (02 Points for each Engr.)	02
3.	Design Engineer (Electrical) <b>Required Experience 15 years</b> (ME-Electrical) (Max. 02 Nos.)	04 (02 Points for each Engr.)	04

The Personnel proposed by the firm as its Design Team are generally well qualified meeting the required qualification as well as experience of designing projects of similar nature and complexity.

The Personnel Capabilities proposed by the firm fulfills the requirements of the Evaluation Criteria.



### Equipment / Machineries

The section of Equipment / Machineries is based on the submission of following information of Machinery by the firm.

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Excavator equipped with Jack hammer and bucket (02Nos.) Owned or Leased	01 (0.5 marks for each equipment )	0.5
2.	Crane with long boom 60 feet or more (02 Nos.) Owned or Leased	01 (0.5 marks for each equipment )	0.5
3.	Welding Plant with mounted wheels with high amperage (02 Nos.)	01 (0.5 marks for each equipment )	0.5
4.	Transit mixer (02 Nos.) Owned or Leased	01 (0.5 marks for each equipment )	0.5
5.	Concrete Batching Plant	01 (01marks for equipment )	0.5

The firm has fulfilled the requirement of Equipment / Machineries as per Evaluation Criteria and has submitted the documentary evidence of most of the equipment on Hiring basis and fulfills the requirement of Equipment / Machineries as required in the Evaluation Criteria. However since the Equipment / Machinery is proposed on Hiring basis, therefore 50% points are awarded.

### Documentary Evidence of Financial Soundness

The section of Documentary Evidence of Financial Soundness is based on the submission of following information by the firm.

- Income Tax Returns duly accepted by CBR of last 05 years.
- Comprehensive Balance Sheets duly audited from Chartered Accountant for last 05 years.
- Financial Soundness Certificate at least from A. A Rated Bank.
- Working Capital of last 05 years to be ascertained from Balance Sheets.

## Assessment

The assessment of the firm is tabulated as under:-

Category	Maximum Points	Points Obtained
Experience Record	30	30
Submission of Design	20	16
Personnel Capabilities	25	23
Equipment / Machineries	05	2.5
Documentary Evidence of Financial Soundness	20	19
<b>Total Marks obtained by the firm</b>	<b>100</b>	<b>90.5</b>

## Conclusion

The distribution of points and overall result achieved by the firm is tabulated in Annexure -"A".



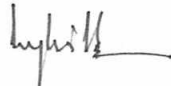
**Iqbal Paleejo**  
Executive Engineer  
(65 MGD), KW&SB  
**Member/Secretary**



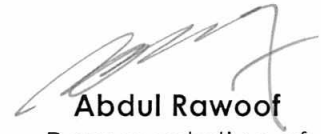
**Tariq Ansari**  
Executive Engr. (E&M)  
Engg. Deptt, KMC  
**(Rep. of K.M.C) / Member**



**Asif Ali Khan**  
Dy. Project Manager  
(65 MGD), KW&SB  
**Member**



**Maqsood Ahmed Shaikh**  
Superintending Engr. (C)  
Engineering Deptt, KMC  
**(Rep. of K.M.C)/(Member)**



**Abdul Rawoof**  
Representative of  
Consultant (EA)  
**(Co-Opt) Member**



**Muhammad Shakeel Qureshi**  
Project Director (K-III), KW&SB  
**Convener**





## ANALYSIS OF TECHNICAL PROPOSALS – 2

Contracting Firm: M/s. Muhammad Iqbal Shaikh & Co.  
Address: 152-J, Block 2, PECHS Society, Karachi Pakistan  
Submittal: Sealed Technical Proposal, 07 Volumes in File Folders  
(with one in Original alongwith one Copy).

### General:

M/s. Muhammad Iqbal Shaikh & Co. is a local Pakistani Engineering firm who has submitted the Prequalification Document for Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. The firm has submitted its Technical Proposal vide letter No. MIS/KW&SB/65MGD/010, dated: February 20, 2018.

The information as contained in the Technical Proposal has been checked for completeness, clarity and conformity as per the Evaluation Criteria.

In general, the overall perception evolved after reviewing the Technical Proposal is that:-

- The firm has submitted the Technical Proposal in a presentable manner and has fulfilled the mandatory requirements, however compliance to the requirements for detailed evaluation is not in accordance to the Evaluation Criteria.

The Technical Proposal has been examined closely in accordance with the laid down Evaluation Criteria and in line with the procurement guidelines of SPPRA-2010, the details of which is demonstrated as under:-

### Experience Record

The firm possesses overall experience of executing different projects and has 03 projects at his credit satisfactorily completed during past 10 years of required value. However the firm does not holds the experience of working on projects of similar nature and complexity specifically for works related to pumps and construction of pump houses during past 10 years, of Rs. 300 Million or above hence, the firm does not qualify or fulfill the required experience record as per the Evaluation Criteria.

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Overall Experience	10	06
2.	Experience of Similar Works	20	00



### Submission of Design

The firm has responded to the requirement for the Submission of Design as per the Evaluation Criteria and in this regard has submitted the following required information:-

- Satisfactory / workable design in accordance with laid down / guidelines parameters indicated in Bidding Documents.
- Proposed Detailed Construction Schedule (inter-relating all the sub-heads of the works) along with monthly progress schedule as per Clause 12.1 and 12.4 of PCC.

An in depth scrutiny of the Firm's submission of design related to above two items reveals that the design submitted by the firm is relatively valid / workable and satisfies required design parameters of the bidding documents to a certain extent. The firm has also submitted a detailed Construction Schedule interrelating all major sub-heads of the project, confirming therein to all foremost requirements, hence, the firm qualifies and fulfills the Submission of Design as per the Evaluation Criteria.

S #	Name of the Firm	Points as per Evaluation Criteria	Points Obtained
1.	Satisfactory / Workable Design	15	10
2.	Detailed Construction Schedule	05	04

### Personnel Capabilities

The Personnel Capabilities section comprises of Execution Team and Design Team which are to be proposed by the firm for the following positions and required experience as per Evaluation Criteria.

### Execution Team

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Project Manager <b>Required Experience 20 years</b>	03	00
2.	Graduate Engineers <b>Required Experience 10 years</b>	05	01



i.	Civil Engineer (Max. 02Nos.)	02	01 (0.5 each)
ii.	Mechanical Engineer (Max. 02 Nos.)	02	00
iii.	Electrical Engineer (Max. 01 No.)	01	00

The Project Manager proposed by the firm for the execution of project is from the Consultancy Firm and not from M/s. Muhammad Iqbal Shaikh & Co. whereas the related Graduate Engineers proposed are generally well qualified but has no relevance with the contractor's firm and only the CVs are attached but no employment record of the proposed personnel indicating their affiliation with the contractor has been provided. The CVs of 02 Civil Engineers has been attached who partially possess the experience of working on projects of similar nature and complexity.

### Design Team

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Mechanical Engineer <b>Required Experience 15 years</b> (Max. 02 Nos.)	09 (4.5 Points for each Engr.)	00
2.	Principal Design Engineer (Civil) <b>Required Experience 15 years</b> (ME-Structure) (Max. 02 Nos.)	04 (02 Points for each Engr.)	02 (01 point each Engr.)
4.	Design Engineer (Electrical) <b>Required Experience 15 years</b> (ME-Electrical) (Max. 02 Nos.)	04 (02 Points for each Engr.)	00

The firm has not proposed any Personnel for the positions of Mechanical Engineer and Design Engineer Electrical, however the personnel for the position of Principal Design Engineer Civil has been proposed by the firm which are generally well qualified but have experience of designing only one project of similar nature and complexity.

The Personnel Capabilities proposed by the firm does not fulfill the requirements of the Evaluation Criteria.

### Equipment / Machineries

The section of Equipment / Machineries is based on the submission of following information of Machinery by the firm.



S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Excavator equipped with Jack hammer and bucket (02Nos.) Owned or Leased	01 (0.5 marks for each equipment )	0.5
2.	Crane with long boom 60 feet or more (02 Nos.) Owned or Leased	01 (0.5 marks for each equipment )	0.5
3.	Welding Plant with mounted wheels with high amperage (02 Nos.)	01 (0.5 marks for each equipment )	0.5
4.	Transit mixer (02 Nos.) Owned or Leased	01 (0.5 marks for each equipment )	0.5
5.	Concrete Batching Plant	01 (01marks for equipment )	0.5

The firm has fulfilled the requirement of Equipment / Machineries as per Evaluation Criteria but has not submitted the documentary evidence for the ownership of all the equipment. Therefore since the ownership documents of Equipment / Machinery is not provided, they are considered on Hiring basis, and 50% points are awarded.

#### Documentary Evidence of Financial Soundness

The section of Documentary Evidence of Financial Soundness is based on the submission of following information by the firm.

- Income Tax Returns duly accepted by CBR of last 05 years.
- Comprehensive Balance Sheets duly audited from Chartered Accountant for last 05 years.
- Financial Soundness Certificate at least from A. A Rated Bank.
- Working Capital of last 05 years to be ascertained from Balance Sheets.

S #	Description	Points as per Evaluation Criteria	Points Obtained
1.	Income Tax Returns duly accepted by CBR of last 05 years.	03	03



2.	Comprehensive Balance Sheets duly audited from Chartered Accountant for last 05 years.	06	06
3.	Financial Soundness Certificate at least from A. A Rated Bank.	01	01
4.	Working Capital of last 05 years to be ascertained from Balance Sheets.	10	06

Income Tax Returns duly accepted by CBR of last 05 years.	Submitted last 05 years					
Comprehensive Balance Sheets duly audited from Chartered Accountant for last 05 years.	Submitted last 05 years (2012-2016)					
Financial Soundness Certificate at least from A. A Rated Bank.	Submitted					
Working Capital of last 05 years to be ascertained from Balance Sheets.	Last 05 years					
	<b>Description</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
	Current Assets	859,843,311	680,114,777	510,873,105	378,121,741	36,612,130
	Current Liabilities	6,832,837	6,558,940	6,380,500	6,225,000	5,900,000
	<b>Working Capital</b>	<b>853,010,474</b>	<b>673,555,837</b>	<b>504,492,605</b>	<b>371,896,741</b>	<b>30,712,130</b>
Average Working Capital of 05 Years= 486,733,557 Working Capital = Current Assets – Current Liabilities						

An in depth scrutiny of the Documentary Evidence of Financial Soundness submitted by the firm was carried out in accordance with the Evaluation Criteria.

The Documentary Evidence of Financial Soundness submitted by the firm complies and conforms to most of the requirements of the Evaluation Criteria.

## Assessment

The assessment of the firm is tabulated as under:-

Category	Maximum Points	Points Obtained
Experience Record	30	06
Submission of Design	20	14
Personnel Capabilities	25	03
Equipment / Machineries	05	2.5
Documentary Evidence of Financial Soundness	20	16
<b>Total Marks obtained by the firm</b>	<b>100</b>	<b>41.5</b>

## Conclusion

The distribution of points and overall result achieved by the firm is tabulated in Annexure -"A".



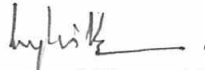
**Iqbal Paleejo**  
Executive Engineer  
(65 MGD), KW&SB  
**Member/Secretary**



**Tariq Ansari**  
Executive Engr. (E&M)  
Engg. Deptt, KMC  
**(Rep. of K.M.C) / Member**



**Asif Ali Khan**  
Dy. Project Manager  
(65 MGD), KW&SB  
**Member**



**Maqsood Ahmed Shaikh**  
Superintending Engr. (C)  
Engineering Deptt, KMC  
**(Rep. of K.M.C)/(Member)**



**Abdul Rawoof**  
Representative of  
Consultant (EA)  
**(Co-Opt) Member**



**Muhammad Shakeel Qureshi**  
Project Director (K-III), KW&SB  
**Convenor**





**Technical Evaluation**

After carrying out the Detailed Evaluation of Responsive Bidders, the Bidder who is qualifying for the next stage of bidding was asked for certain queries and clarification from their bid pertaining to the machinery / equipment proposed under Chapter-8, Schedule of Guarantees, Volume-II Specification – Technical Provision vide KW&SB Letter No. KW&SB/Secy/PC/65MGD/2018/21 dated: 13<sup>th</sup> April 2018, which was accordingly responded by the bidder vide letter No. Gharo-65 MGD/Tech/0 dated: 16<sup>th</sup> April, 2018 and is presented hereunder :-

**STAGE-I QUERIES**

SCHEDULE OF ITEMS (E&M) WORKS						
Sr. #	Bid Document Reference	Item	Proposed by the Bidder M/s. KSB Pumps Company Ltd. in Schedule of Guarantees		Queries	M/s. KSB Response
1	Chapter-8, Schedule of Guarantees Sr. No. 02	Chain Hauled Raking Bar Screen	Manufacturer	ESTRUAGUA/ SERECO/ Equivalent		
			Country of origin	Spain/Italy		
			Type	Chain hauled Raked Bar Screen		
			Bar screen height	06m		
			Bar screen width	2.3m		
			Bar size	10x30 mm		
			Bar spacing	12mm		
			Screen capacity max.	3.42 m3/sec		
			Velocity through bars at max flow	1m/sec max.		
			Head loss through bars at maximum flow	40-50 mm max.		
			Discharge height above deck	900 mm		
			Screen raking speed	0.101m/min		
Motor size	1.5kW					

Project Director  
KW & SB



			Motor speed	1420rpm	Motor Protection should be IP-65.	Agreed. Motor protection has been changed to IP-65.
			Motor protection	55IP		
			Material of construction			
			Side frame	SS316/1.4401		
			Roller tracks	SS316/1.4401		
			Head shaft	SS316/1.4401		
			Chain shaft	SS316/1.4401		
			Main chain links	SS316/1.4401		
			Main chain pins	SS316/1.4401		
			Main chain bushes	SS316/1.4401		
			Main chain rollers	SS316/1.4401		
			Rakes assembly	SS316/1.4401		
			Rakes fines	SS316/1.4401		
2	Chapter-8, Schedule of Guarantees Sr. No. 03	Central Flow band screen	Manufacturer	ESTRUAGUA/SERECO/Equivalent	Height of Screen deck may be corrected accordingly	Please note it is typo error and unit is mm instead of meter, therefore screen height will be 900 mm.
			Country of origin	Spain/Italy		
			Type	Central flow band		
			Mesh opening size	2mm		
			Effective screening width	2x2.05m		
			Overall screen width	2.3m		
			Overall screen breath	2.3m		
			Height of screen deck	900m		
			Screen capacity max	3.42 m3/sec		
			Velocity through mesh at max flow	0.78 m/s		
			Velocity through back opening at max flow	0.78 m/s		



			Head loss though mesh at max flow	55mm		
			Motor size	0.55 kW		
			Motor speed slow / fast	1420 rpm/rpm		
			Motor protection	55 IP	Motor Protection should be IP-65.	Agreed. Motor protection has been changed to IP-65.
			Screen speed fast	NA		
			Screen speed slow	NA		
			Wash water quantity required per screen	0.6 l/Sec.	Wash Water quantity required per screen may be adjusted as per Clause 7.3.5, Volume-II Specifications.	Agreed. Wash Water quantity changed to 50 l/min as per clause 7.3.5, Volume-II Specifications.
			Wash water pressure at jet pipe	03 bar		
			Number of jets per jet pipe		Number of Jets per Jet Pipe may be provided with jet spacing of 140 mm as per clause 7.3.5, Volume-II Specifications.	Initially number of jets are approx.20 for each pipe as per jet spacing. Kindly note actual calculation will be provided during detailed engineering phase.
			Material of construction			
			Frames	SS316/1.4401		
			Roller tracks	SS316/1.4401		
			Head shaft	SS316/1.4401		
			Chain sprockets	SS316/1.4401		
			Main chain links	SS316/1.4401		
			Main chain pins	SS316/1.4401		
			Main chain bushes	SS316/1.4401		
			Main chain rollers	SS316/1.4401		
			Mesh panels	SS316/1.4401		

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3	Chapter-8, Schedule of Guarantees Sr. No. 06	Pumps	Manufacturer	KSB	Please refer clause 7.3.7 Volume-II Specification pumps.	Please make correction in pump model as described in Sr#3, Ch#8 i.e. RDLO V 500- 1035 instead of RDLOI/550- 1035.
			Country of Origin	Germany		
			Model	RDLO I/550- 1035		
			Total head at duty point	86m		
			Flow at duty point	0.85m3/sec		
			Efficiency at duty point	86.50%		
			NPSH required at duty point	3.13m		
			Run out condition flow	1.27m3/sec (Qmax)		
			Run out condition head	62m		
			Power consumption at duty point	831.58 KW		
			Max power consumption over pumping range	1006.36 KW		
			Speed	746 rpm		
			Suction flange diameter	600 mm		
			Discharge flange diameter	500 mm		
Impeller diameter duty / maximum	1002/1060 mm					
Casing material	ductile Iron EN-GJS-400- 15	Pump casing shall be Grey Cast Iron to BS 1452 grade 220.	Pumps operating head is 86m with shutoff head approx. 100m. since pump is of high head, as per design requirement casing has been offered in Ductile Iron EN-GJS-400-15 being higher strength and ductility if compared to grey cast iron. Grey cast iron is not recommended for such high head pumps.			

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Executive Engineer  
Addl. Engineer (P)  
KW&SB

Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi  
**Asif Ali Khan** (Page 27)  
Dy. Project Manager (P&E Project)  
Karachi Water & Sewerage Board

**Project Director**  
KW & SB



			Impeller material	SS1.4408	Pumps shaft & carbon shaft are to be of Stainless Steel (S.S) material	KSB offered material is EN 1.4021 (also called ASTM 420 and SS 2303). It is of superior grade with high tensile strength martensitic Stainless Steel with good corrosion properties.
			Shaft material	Chrome Steel 1.4021		
			Casting wear ring material	SS1.4517		
			Impeller wear ring material	SS1.4517	Casing & impeller wear ring material to be of Special Bronze to BS-1400.	KSB offered material is Duplex Stainless Steel being superior to Bronze. Wear ring material is as per recommendation of KSB based on impeller material to ensure guarantees as per contract.
			Shaft sleeve material at gland	SS1.4138	Shaft sleeve material at gland to be of Chrome Steel	KSB offered superior material i-e stainless steel 1.4138 (GX120CrMo29-2) based on shaft material as per KSB design recommendation to ensure guarantees as per contract
			Rating	16 bar		
Test pressure	20 bar					
Weight	6245 kg (approx.)					



			Moment of inertia	62.08 kg-m <sup>2</sup>		
			Bottom bearing material	Rubber plain bearings		
			Bottom bearing type	Anti friction		
4	Chapter-8, Schedule of Guarantees Sr. No. 07	Pumps motors	Manufacturer	WEG/ Siemens/ ABB		
			Country of origin	South America/ Germany/Finl and		
			Model	MGR/ILA4564 -8CN94-Z		
			Voltage	11KV		
			Rating	1060KW		
			Full load current	73.5A		
			Duty point current	<70A		
			Starting current	7.5A (Starting /Rated) Current		
			Efficiency full load	96.20%		
			Efficiency 3/4 load	94.70%		
			Efficiency 1/2 load	93.60%		
			Power factor full load	0.79	Power factor at full load may be adjusted as per clause 7.4.6 Volume-II Specifications – Technical Provisions.	Noted, Power factor has been improved from 0.79 to 0.82 at full load as per motors suppliers recommendation
			Power factor 3/4 load	0.73		
			Power factor 1/2 load	63%		Please make correction in power factor as described in Sr#4, Ch#8 i.e. power factor 1/2 load is 0.63 instead of 63%
			Insulation class	F		
			Enclosure protection	55IP		
			Noise level at duty point dB (A) at 1m	85 dB(A)		
			Bearing type	Rolling contact		
			Moment of inertia	193 kg-m <sup>2</sup>		
			Run up time	50 sec.		





			Permitted numbers of start per hour	3 clod / 4 hot		
			Weight	10,000/- (approx)		
			Method of cooling	1C 411	Chapter-7 Clause 7.4.6 Volume-II Specifications may be followed.  Cooling arrangement of motors shall be in accordance with IEC-06634.	Offered cooling arrangement is as per Ch# 5 Clause 5.8.4 Volume-II Cooling
			Non-reversing arrangement	Available in motor stool		
5	Chapter-8, Schedule of Guarantees Sr. No. 08	Flexible Shaft	Manufacturer	Welte/Equivalent	Specific country of origin may be mentioned.	Germany
			Country of origin	Europe		
			Type	Vertical/ Cardon		
			Diameter of shaft	218mm		
			Length of shaft	6m		
			Material of construction	Hardened Steel		
			Type of bearing upper /lower	Roller Bearings		
			Type of intermediate bearings	Roller Bearings		
			Numbers of intermediate bearings	1 No.		
			Guard system	Mild Steel		
6	Chapter-8, Schedule of Guarantees Sr. No. 10	Electric Overhead Gantry Crane	Manufacturer	Misia Pranchi / Street/ Demage / Eqiv.	Specific country of origin may be mentioned.	UK/Italy
			Country of origin	Europe		
			Type	Electrical Overhead Gantry		

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**Project Director  
KW&SB**



			Lifting Capacity	15 Tone		
			Voltage	400V		
			Hoist speed high /low	4/1.3 ./min		
			Motor size	11.8/3.9 KW		
			Motor speed	1460/460 rpm		
			Travel speed	20/6.7 m/min		
			Motor size	0.75/0.25 KW		
			Motor speed	1420/450 rpm		
			Gantry crane speed	40 m/min		
7	Chapter-8, Schedule of Guarantees Sr. No. 11	Flow Meter:	Manufacturer	Siemens/ Endress Houser/Equivalent	Specific country of origin may be mentioned.	France
			Country of origin	Europe		
			Type	Electromagnetic / Insert		
			Model	MAG3100/ Promag L400		
			Pressure rating	10 bar		
			Diameter	1800 mm		
			Flange rating	16 PN		
			Body material	Carbon Steel		
			Internal lining	Ebonit/Hard Rubber		
			External coating	Epoxy		
			Flow range	3.42 m3/s		
			Control signal	4-20 mA		
8	Chapter-8, Schedule of Guarantees Sr. No. 012	Submersible Pumps:	Manufacturer	KSB	The speed of motors shall be as per Clause 7.5.5 Volume-II, Specifications-Technical Provisions.  Compliance of Clause 7.5.5 Volume-II, Specifications-Technical Provisions shall be ensured.	7.5.5 Work item No. 34, Submersible pumps (Item No. 1 (4 nos submersible pumps) is selected at 1471 rpm due to high flow. Please note that for such high flow pumps, low RPM are recommended to ensure
			Country of origin	France		
			Type	Submersible		
			Model	KRT 100-135		
			Duty flow	41.6 l/sec		
			Duty head	25m		
			Motor Rating	22 KW		
			Motor protection	68 IP		
			Speed	1471 Rpm		
			Overall efficiency at duty point	67.10%		



						better pump life. Item No. 2(2 nos submersible pumps) is selected at 2900 rpm due to low flow having smaller pump size. Both submersible pumps are as per clause 7.5.5 Volume-II, Specifications
9	Chapter-8, Schedule of Guarantees Sr. No. 13	Butterfly Valves	Manufacturer	KSB	Butterfly Valves shall be double flanged drop tight closure offset rubber seat type in accordance with BS-5155 or BS-3952 and AWWA C504-80 Class 150.	Reference contract clause 4.35.4, valves were required as per BS5155. Please note that BS5155 has been replaced with EN593 to which our offered valves comply. Reference is also enclosed (Annexure-A). Offered valves are double flanged drop tight closure offset rubber seat type in accordance with EN 593 (Updated version of BS 5155)
			Country of origin	France		
			Type	offset disc		
			Working pressure	16 bar		
			Test pressure	24 bar		
			Size of bypass	External bypass-100mm		

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Additional 65 MGD Water Supply Scheme  
from Haleji to Pipri, Karachi

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**Project Director**  
KW & SB



			Material of Construction			
			Body	Ductile Iron	Shaft seals shall be Nitrite Rubber O Ring Type.	Shaft seal is in the form of BEARING and will be STEEL REINFORCED PTFE for better friction and leak-proof.
			Shaft	SS		
			Seals	EPDM		
			Rating	16 PN		
10	Chapter-8, Schedule of Guarantees Sr. No. 14	Non-Return Valves	Manufacturer	KSB	Clause 4.35.3 Volume-II, Specifications-Technical Provisions may be complied for Non-Return Valves.	Offered valves are in compliance with the technical requirements mentioned in contract clause 4.35.3. However, from design standard perspectives, valves comply to EN 12334 which is the latest version of BS 5153. Reference is also enclosed (Annexure-B).
			Country of origin	Italy		
			Type	Tilling Disc		
			Diameter	800mm		
			Working Pressure	16 bar		
			Test Pressure	24 bar		
			Material of construction			
			Body	Ductile Iron		
			Disc	Ductile Iron		
			Body seal	SS		
			Disc facing ring	NBR		
			Disc	Ductile Iron		
			Body seal	SS		


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			Seal	NA		
			Valve Shaft	SS 1.4021		
			Bushes	NA		
			Lever arm	ST-37		
			Lever Weight	ST-37		
11	Chapter-8, Schedule of Guarantees Sr. No. 15	Hydraulic Damping Services			Serial No. 15, Hydraulic Damping Devices has been inadvertently omitted from Chapter-8 schedule of Guarantees and may be added in accordance with Clause 4.35.3, Volume-II Specifications- Technical Provisions.	Please note that Sr. No. 15 is not available in schedule of Guarantees of tender documents. Please share the extract of same enable us to review and comment.
12	Chapter-8, Schedule of Guarantees Sr. No. 17	Pressure Relief Valves	Manufacturer	KSB	Compliance is required as per clause 4.35.7, Volume-II, Specifications- Technical Provisions.	Operational philosophy of offered valves as mentioned in technical specifications, for materials, please refer to our attached standard material. In case, superior material is required for a component, please refer to optional material which can be supplied with the same design. Flanged Rating of offered valves is as per EN 1092 PN 16 which is inline with design pressure of pumps i.e. 16 bar.

  
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Addl. 65 MGD Project  
Additional 65 MGD Water Supply Scheme  
from Haleji to Pipri, Karachi

  
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Project Manager (65 MGD Project)  
Karachi Water & Sewerage Board

(Page 34)

  
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			Country of origin	Italy		
			Type	Upstream Pressure Relief		
			Diameter	DN-500 mm		
			Test Pressure	24 bar		
			Working Pressure	16 bar		
			Material of construction			
			Seat	SS		
			Spring	SS		
			Body	Ductile Iron		
13	Chapter-8, Schedule of Guarantees Sr. No. 18	8.19. Penstock	Manufacturer	KSB/ATL/ Equivalent	Material of Construction of Penstock shall be in accordance with Clause 4.34, Volume-II, Specifications-Technical Provisions.	Offered material of construction of penstock in compliance with Chapter-7, clause 7.3.6 work item No. 4 for Penstocks.
			Country of origin	Pakistan		
			Overall dimension			
			Length	5000mm		
			Width	2300mm		
			Gate Size			
			Length	4900mm		
			Breath	2200mm		
			Working Pressure	0.6bar		
			Test Pressure	0.9bar		
			Stem diameter	75mm		
			Operating System	Manual / Motor size		
			Material of Construction			
			Frame	Mild Steel		
			Gate	Mild Steel		
			Stem	SS		
			Seats	Bronze		
14	Chapter-8, Schedule of Guarantees Sr. No. 19	Main 11 KV Incoming switch board	Manufacturer	Siemens/Schneider/Equivalent	Compliance is required as per clause 7.4.2, Volume-II, Specifications-Technical Provisions. Specific country	Agreed, Compliance as per clause 7.4.2 will be provided during detailed Engineering. Country of





					of origin may be mentioned.	Origin for VCB & protection relay will be Germany and will be assembled in Pakistan.
			Country of origin	Europe		
			Type	VCB Vacuum		
			Type Nr	3AH5/HVX		
			Rated normal service voltage	11KV		
			Number of mases	3		
			Frequency	50Hz		
			Overall dimensions of switchboard			
			Height	2250/2200 mm		
			Length	9600/7800 mm		
			Width	17800/1500 mm		
			Weight	10800 kg		
			Weight and dimensions per panel			
			Height	2250/2200 mm		
			Length	800/650 mm		
			Width	1780/1500 mm		
			Weight	900 kg (approx) 266kg (approx)		
			Minimum distance required for withdrawal of moving portion	900/1200 mm		
			Minimum height for removal of voltage transformer	800 mm (approx)		
			Maximum shock load imposed on foundations when operating under fault conditions. (state whether tension of compression)	NA		

Additional 65 MGD Water Supply Scheme  
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		Switchgear and bus-bars			
		Rated bus - bar current	1250 A		
		Maximum temperature rise at rated	As per IEC 62271-200°C		
		bus-bar current above 45oC ambient			
		Bus-bar type test report reference			
		short time withstand current of switchgear & bus-bar	25 rms kA		
		a) One second	63 Peak		
		b) Three second	Ka		
		Making capacity			
		Constructional features			
		Is an external series break incorporated in breaker	NA		
		Method of closing	Closing coil Shunt Coil		
		Method of tripping	0.65/65<50 A/ms		
		Closing solenoid coil current and duration at rated voltage	110 V dc		
		Closing solenoid coil rated voltage	0.64/65<50 A/ms		
		Trip coil current and duration at rated voltage	110 V dc		
		Trip coil rated voltage	NA		
		Minimum dc voltage required for successful closing at make rating			
		Rating of heaters for circuit breakers	100 W		

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15	Chapter-8, Schedule of Guarantees Sr. No. 20	11KV Transform er outgoing	Manufacturer	Siemens/ Schneider/ Equivalent	Compliance is required as per Clause 7.4.7 Volume-II, Specifications- Technical Provisions.	Agreed, Compliance as per clause 7.4.2 will be provided during detailed Engineering. Country of Origin for VCB & protection relay will be Germany and will be assembled in Pakistan. Please note Clause 7.4.7 is for Transformer which will be as per K.E. Specifications.
			Country of origin	Europe		
			Type	VCB Vacuum		
			Type Nr	3AH5/HVX		
			Rated normal service voltage	11KV		
			Number of phases	3		
			Frequency	50 Hz		
			Overall dimensions of switchboard			
			Height	2250/2200 mm		
			Length	800/650 mm		
			Width	1780/1500 mm		
			Weight	900 kg (Approx)		
			Minimum distance required for withdrawal / removal of switchboard components	900/1200 mm		
			Bus-bars			
			Rated bus bar current	1250 A		
Maximum temperature rise at rated bus bar current above 45oC ambient	As per IEC 62271-200°C					
Bus bar fault rating for	25kA 01 Second					





16		SUMP Model Test	SUMP Model Test (Hydrotec) Schedule A to Bid - Mechanical Equipment		<p>M/s Hydrotec has Proposed to Construct the model for Sump Model Test to the scale of 1/7th of full size of the Proposed 65 MGD Pump House which may be clarified.</p> <p>M/s. Hydrotec has shown that Pumps will be operated on a duty x 3, assist x 2 standby basis to deliver individual flows, which is not as per proposed Design Philosophy.</p> <p>Considering the number of Pumps mentioned by M/s Hydrotec the maximum combined discharge rate may also be verified.</p> <p>In the section of Test criteria M/s. Hydrotec has mentioned that the model will be operated at a scale of 1/8th full size which may be clarified.</p>	<p>Please find attached detail of model scale by Hydrotec for further clarification</p> <p>Please note its typo mistake, Working philosophy has been corrected as duty x4, assist x2 stand by</p> <p>The pumps will operate on a duty x4, assist x2 standby basis; hence a maximum combined discharge rate will be approx. 3417 l/s as already shared in sump model technical details page 9 of 27.</p> <p>Please note its typo mistake. Model scale of 1/8th has been corrected as 1/7th.</p>
17		Drawings	Deliver Manifold		Delivery Manifold was proposed Telescoped type with lower end 900 mm dia and upper end 1500 mm dia which has been changed as	KSB proposal is with 1800mm dia of delivery manifold to reduce pipe line losses / pump discharge head and this is in line with



					continuous 1800 mm dia pipe which may be clarified.	best engineering practices for pump house manifold designs.

  
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## Attachments of KSB reply



Product Details

Standard Number	BS 5155:1984
Title	Specification for butterfly valves
Status	Superseded, Withdrawn
Publication Date	31 July 1984
Confirm Date	15 November 1991
Withdrawn Date	15 October 2000
Cross References	BS 21, BS 970:Part 1, BS 970:Part 4, BS 1400, BS 1452, BS 1501:Part 1, BS 1501:Part 3, BS 1503, BS 1504, BS 1560:Part 2, BS 2633, BS 2779, BS 2789, BS 2870, BS 2872, BS 2873, BS 2874, BS 2875, BS 3076, BS 3100, BS 3468, BS 3643, BS 4504:Part 1, BS 4504:Part 2, BS 4677, BS 5146:Part 1, BS 5418, BS 5840:Part 1, ISO 6708, ISO 7268, BS 6683, BS 6755:Part 1, BS 6755:Part 2
Replaced By	BS EN 593:1998
Amended By	AMD 5919 AMD 6990
Draft Superseded By	81/72473 DC87/74356 DC91/74629 DC



BRITISH STANDARD

BS EN  
12334:2001

*Incorporating  
Corrigendum No. 1  
and Amendment No. 1*

# Industrial valves — Cast iron check valves

The European Standard EN 12334:2001, with the incorporation of amendment A1:2004, has the status of a British Standard.

ICS 23.060.50

**BSi**

British Standards

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## National foreword

This British Standard is the official English language version of EN 12334:2001, including corrigendum July 2002 and amendment A1:2004. It supersedes BS 5153:1974 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee PSE/7, Valves, to Subcommittee PSE/7/3, Cast iron valves, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

### Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled "International Standards Correspondence Index", or by using the "Search" facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

### Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 11 and a back cover.

The BSI copyright date displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee on 15 March 2001

### Amendments issued since publication

Amd. No.	Date	Comments
14086 Corrigendum No. 1	20 January 2003	Change to Annex ZA
15228	24 August 2004	Modification to subclauses 4.1.1.1, 4.1.2.1, 4.1.2.3, 4.2.1, 8.1.2, Annex A, Annex B and Annex ZA

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#### 4.1.3.1 Face-to-face and centre-to-face dimensions

Face-to-face and centre-to-face dimensions for PN designated flanged end valves shall be in accordance with EN 558-1 and specified by the purchaser (see annex A). Face-to-face dimensions for valves other than flanged are the choice of the manufacturer.





## **MODEL TESTING**

### **Summary**

In order to ensure efficient and reliable operation of the pump sets in the station under consideration, it will be essential that the physical model testing is undertaken at a suitably large scale in order to ensure that all adverse pump suction conditions are identified and subsequently eliminated or minimised by the development of appropriate flow control devices, such as baffles and flow 'trippers' or spoilers.

### **Model scale**

In selecting the optimum scale for a model, consideration is given to a range of factors both practical and theoretical. Practical considerations such as the circulating pump capacity, depth of model, the floor space utilised and ultimately cost, place limits on the maximum size of a model. Theoretical considerations regarding the correct representation of flow conditions places limits on the minimum size of a model.

The correct representation of flow conditions principally requires the Reynolds Number to be above a critical value within the model to ensure that, where fully turbulent conditions are present in the prototype, similar turbulent conditions exist within the model. If the model is too small this condition will not be met.

Much has been written concerning the problem of scaling results from a physical model to predict full-size prototype performance. It is apparent that a scaling law for one arrangement may not be appropriate for another and thus no definitive, universally applicable law, exists. In areas of the sump remote from the pump intakes it is generally accepted that the Reynolds Number should be at least 2,500 to ensure fully turbulent conditions are present. In vortex studies it is necessary to ensure that the Reynolds Number,  $Re$ , at the plane of the pump intake, has a value of at least 30,000 to 40,000 to eliminate viscous scale effects.

The proposed PAW-16.204 Pumping Station at Ghara will be equipped with six similar KSB RDLO V 500-1035 B SC P F type pumps, which will be dry well mounted and will draw flow from a common sump. Each pump will operate on a fixed speed basis and will deliver a flow rate of 3075.54 m<sup>3</sup>/h, which equates to 854.316 l/s. The pumps will operate on a duty/x4 assist/x2 standby basis; hence, a maximum combined discharge rate of approximately 3417 l/s will be apparent. The pumps will draw flow through vertically mounted standard 0.810 m diameter bellmouths, via NB600 suction pipework. Based on these factors, the Reynolds Number,  $Re$ , at the pump intake bellmouth plane





will be approximately 1,6167,156 on the full size application. To satisfy the scale criteria, whilst offering an economic size of model, we would propose to model the pumping station at 1/7<sup>th</sup> scale. This would result in the Reynolds Numbers on the model being in the region of 63,020. Accordingly, this scale will exceed the minimum requirements of the specified scale criteria and will therefore ensure that where fully turbulent conditions exist on the prototype, they will be accurately reproduced on the model. This is essential in cases like this, where there is a high probability of vortex activity..

At a scale of 1/7<sup>th</sup> full size the model sump would be some 4.5 m long and 0.6 m wide. In addition, the inlet transition and a representative length of the inlet culvert would also be provided, to include all hydraulically relevant benching and screens. We propose to model a total length of 14.0 m of the incoming 2.30 m (wide) x 2.00 (high) inlet culvert, which will exceed the minimum requirement to provide a stable inflow, without risk of any model influences. We propose to model the sump to allow simulation of depths up to 6.50 m, which exceeds the MWL and HWL of 3.395 m and 5.544 m appropriately; hence, all potential operating scenarios could be simulated.

We propose to install sufficient pumping capacity to model each pump operating at the defined rate of 854 l/s at scale; hence, a model flow of 6.587 l/s. We will also ensure sufficient pumping capacity is provided to run each pump at 1.5 x Froude, when specifically looking at the potential for surface/submerged vortex formation, being an individual flow rate of up to 1281 l/s, which equates to 9.881 l/s at scale. Based on operating up to four pumps simultaneously at the defined maximum flow of 854 l/s, the normal model recirculation flow will be 26.350 l/s, at scale.

#### **Scope and operation of the models**

The model would be constructed on a substantial timber support table from clear acrylic material to allow uninterrupted viewing to all sections of the model. The model pump suction lines would be fabricated in detail to ensure that the intake geometry was correct. Each pump would include a swirl meter device to measure pre-swirl rotation.

The model will comprise the following elements:

- A representative length of the 2.30 m (wide) x 2.00 m (high) inlet culvert, of sufficient length to allow flow to re-stabilise prior to entering the screen chamber.
- The screen chamber complete with the representations of the 1 No. manual coarse screen, 2 No. chain hauled raking bar screen and 2 No. central flow band screen and all hydraulically relevant benching detail.





**SECTION – 5**

**SUMMARY OF SCORES AND CONCLUSION**

The Technical Proposals have been evaluated in accordance with the laid down Evaluation Criteria and the points are allocated accordingly as referred in Clause 26.3 Evaluation Criteria Volume-I of the Bidding Documents.

The Technical Proposals have been checked and examined in detail. The summarized result is exhibited as under, showing the overall status and the points obtained by the individual Contracting Firm / Joint Venture:-

Sr. No.	Name of the Firm	Score	Status
1.	M/s. KSB Pumps Company Limited.	90.5	Pass
2.	M/s. Muhammad Iqbal Shaikh & Co.	41.5	Fail

The Procurement Committee, in the light of the evaluation carried out and subsequent allocation of points to the Contracting Firms / Joint Ventures as per the approved Evaluation Criteria explained in the Clause-26.3 of Bidding Data Volume-I of the Bidding Documents, tabulated the results of the Contracting Firms / Joint Venture at Annexure-A and accordingly next stage of Bidding i.e. submission of Revised Technical Proposals Stage-II along with Financial Proposals may be invited from the qualified bidder.



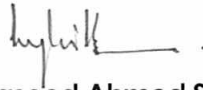
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Executive Engineer  
(65 MGD), KW&SB  
**Member/Secretary**



**Tariq Ansari**  
Executive Engr. (E&M)  
Engg. Deptt, KMC  
**(Rep. of K.M.C) / Member**



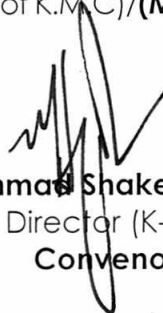
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**Abdul Rawoof**  
Representative of  
Consultant (EA)  
**(Co-Opt) Member**



**Muhammad Shakeel Qureshi**  
Project Director (K-III), KW&SB  
**Convenor**



## **ANNEXURE – A**

# ADDITION

## PACKAGE-02 "CONSTRUCTION"

S. NO.	Bidder's Name	JV SHARE (%) Lead Partner 60% & JV 40%) Consortium (%) (ead Partner 50% & 50% equal divided in to no. of partners)	MANDATORY REQUIREMENTS - Valid PEC Certificate -Valid Income Tax Registration vaild SRB Registration Certificate -Schedule (A to I) to Bid duly filled & Signed - Documentary evidence of year of establishment of firm. -Affidavit on Stamp Paper of firm not black listed. Affidavit on Stamp Paper of firm no Litigation. A firm undertaking on Stamp Paper by bidder that his Lump-Sum Fixed price in bid is inclusive of all user requirement, and no additional claim or admissable under any circumstance.	EXPERIENCE RECORD Maximum Points (30)		SUBMISSION OF DESIGN Maximum Points (20)			
				List of overall experience of firm as lead contractor with detail of satisfactorily completed Projects in past Ten years.	Experience of Similar works (works related to Pumps & Construction of Pump House)	Satisfactory / Workable Design in accordance with laid down / guidelines parameters indicated in bidding documents duly stamped and signed	Proposed detailed Construction Schedule (in relating all sub-headers along with monthly progress schedule per Clause and 12.4 PCC		
								2 points for each project of Rs. 300 million or above upto a maximum of 5 project	10 points for each facility/ project essentially comprising of Civil, Machinical & Electrical works satisfactorily completed in last 10 years of at least 300 million or more maximum. of 2 projects.
								Max. Points 10	Max. Points 20
Points	Points	Points	Points						
1	KSB Pumps Company Ltd.	Applied as Sole Bidder	SUBMITTED & FOUND RESPONSIVE FOR DETAILED EVALUATION	(05 PROJECTS) 10 POINTS	(02 PROJECTS) 20 POINTS	12.00	4.00		
2	Muhammad Iqbal Shaikh & Co.	Applied as Sole Bidder	SUBMITTED & FOUND RESPONSIVE FOR DETAILED EVALUATION	(03 PROJECTS) 06 POINTS	(00 PROJECTS) 00 POINTS	10.00	4.00		



**Iqbal Paleejo**  
Executive Engineer  
(65 MGD), KW&SB  
Member/Secretary



**Tariq Ansari**  
Executive Engr. (E&M)  
Engg. Deptt, KMC  
(Rep. of K.M.C) / Member


NOTE: Mandatory Requirement Results are as per attached individual Proforma for each participant.

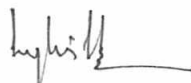
# SUMMARY OF EVALUATION


## 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI

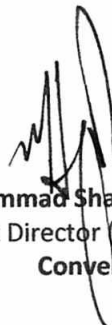
### FOR NEW 65 MGD PUMP HOUSE (EQUIPPED WITH M&E PUMPING MACHINERIES) AT

PERSONNEL CAPABILITIES Maximum Points (25)					EQUIPMENT / MACHINERIES Maximum Points (05)	DOCUMENTARY EVIDENCE Maximum Points (06)				
EXECUTION TEAM Maximum Points (08)		DESIGN TEAM Maximum Points (17)				Income Tax Returns duly accepted by CBR of last 5 Years		Comprehensive Balance sheets duly audited from Chartered Accountant for last 5 years		
Project Manager- Professional Engineer registered with PEC with at-least 20 yrs overall experience and 10 yrs of experience on related works having completed at least two pumping Station worth more than Rs. 300 M. Detail CV with PEC Registration to be submitted	List of employed Graduate Engineers with qualification and at least 10 yrs of experience of working on Pumping Station Projects along with documentary proof and PEC Registration No. (01 point for each Engineer (02 Civil, 02 Mechanical, 01 Electrical)	The Bidder shall submit the details of proposed Design Team / Consultant along with a firm commitment from the Design Team / Consultant that they will submit the complete design to KW&SB along with softcopy / design calculation and shall take its design liability for the project if awarded to the bidder. Design team shall be considered only if valid PEC License as Consulting Engineer is provided having Specialization Codes of 1204 and above mentioned undertaking								
		Previous Design Experience 4.5 for each Engineer (Mechanical) who has overall 15 yrs exp. with atleast 2 Projects of Pumping Station design experience	Proposed Principal Design Engineer (Civil) Structure Engineer (ME-Structures) with atleast 2 projects of Pumping Station design experience (02 points per each engineer)	Proposed Engineer (Electrical) Electrical Engineer (ME-Electrical) with 15 yrs of design experience of atleast 2 pump houses (02 points per each engineer)						
Max. Points 03	Max. Points 05	Max. Points 09	Max. Points 04	Max. Points 04	Max. Points 05	Max. Points 03	Max. Points 06			
Points	Points	Points	Points	Points	Points	Years	Points	Years	Points	
3.00	5.00	(02 Engineers) 09 POINTS	(02 Engineers) 02 POINTS	(02 Engineers) 04 POINTS	2.5 POINTS (Hired Machinery)	05 YEARS	3	05 YEARS	5	
0.00	1.00	(00 Engineers) 00 POINTS	(02 Engineers) 02 POINTS	(00 Engineers) 00 POINTS	2.5 POINTS (Hired Machinery)	05 YEARS	3	05 YEARS	6	

  
 Ali Khan  
 Project Manager  
 (KW&SB)  
 Member

  
 Maqsood Ahmed Shaikh  
 Superintending Engr. (C)  
 Engineering Deptt, KMC  
 (Rep. of K.M.C)/(Member)


  
 Abdul Rawoof  
 Representative of Consultant (EA)  
 (Co-Opt) Member

  
 Muhammad Shaikh  
 Project Director  
 Convenor

**SHARO"**

**E OF FINANCIAL SOUNDNESS  
n Points (20)**

<b>Financial Soundness certificat at least from A A rated bank</b>		<b>Working capatial of last 5 years to be ascertained from balance sheet</b>	
		a) Less than RS.300 M = 0 point b) upto Rs. 450 M = 03 points c) Upto Rs. 600 M = 06 points d) Above Rs. 600 M = 10 points	
Max. Point 01		Max. Points 10	
Yes/ No	Points	Points	
YES	1.00	ABOVE Rs. 600 Mn.	10.00
YES	1.00	UPTO RS. 600 Mn.	6.00

  
**keel Qureshi**  
 (K-III), KW&SB  
 or

# ANNEXURE-A

		Reasons for Qualification / Disqualification
POINTS OBTAINED BY BIDDER	REMARKS	
	QUALIFIED / UNQUALIFIED	
Max. Points	100	
Points Obtained		
90.50	<b>QUALIFIED</b>	Fulfills Evaluation Criteria in all 05 Categories
41.50	<b>UNQUALIFIED</b>	Does not Fulfill the Requirements of Evaluation Criteria.