



# KARACHI WATER & SEWERAGE BOARD

Office of the Project Director (65 MGD Project)

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

1<sup>st</sup> Floor, Block-B, KW&SB Tel No. +92-21-99245130

No. KW&SB/PD/65MGD/2016/48  
Dated: 25<sup>th</sup> October 2016

To,

M/s. EA Consulting Pvt. Ltd.

AL-9, 15<sup>th</sup> Lane Off Khayaban-e-Hilal Phase-VII, DHA Karachi

Tel: 92-21-111 111 584 Fax: 92-21 35841825

in association with

M/s. JERS Engineering Consultants

124-H Model Town Lahore - Pakistan

Tel: 92-42-35881207 +92-42-35868659

Fax: +92-42-35868659

## DETAILED DESIGN & CONSTRUCTION SUPERVISION

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

## LETTER OF COMMENCEMENT

In pursuance of Clause No. 2.1 of Contract Agreement of "Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi". You are required to commence with work as per Terms & Conditions with immediate effect.

Sikander Ali

PROJECT DIRECTOR  
(65 MGD Project), KW&SB

### Copy to:-

1. Managing Director, KW&SB
2. Dy. Managing Director (Planning), KW&SB
3. Senior Director (Finance), KW&SB

### Copy for kind information to:-

1. Secretary (Local Government), GOS
2. Secretary (Finance), GOS
3. Accountant General, Sindh



# SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

## CONTRACT EVALUATION FORM

**TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS,  
SERVICES & GOODS WORTH 50 MILLION (PKR) OR ABOVE**

1)	NAME OF THE ORGANIZATION / DEPTT.	KARACHI WATER & SEWERAGE BOARD
2)	PROVINCIAL / LOCAL GOVT./ OTHER	Local Government
3)	TITLE OF CONTRACT	Detailed Design and Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi
4)	TENDER NUMBER	--
5)	BRIEF DESCRIPTION OF CONTRACT	--
6)	FORUM THAT APPROVED THE SCHEME	P.D.W.P
7)	TENDER ESTIMATED VALUE	2% OF PC-I Cost (Rs. 5,978.69 Million)
8)	ENGINEER'S ESTIMATE (For civil works only)	---
9)	ESTIMATED COMPLETION PERIOD (AS PER CONTRACT)	24 Months
10)	TENDER OPENED ON (DATE & TIME)	12:00 Noon (13th July 2016)
11)	NUMBER OF TENDER DOCUMENTS SOLD (Attach list of buyers)	Ten (10)
12)	NUMBER OF BIDS RECEIVED	Five (05)
13)	NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS	Two (02)
14)	BID EVALUATION REPORT (Enclose a copy)	Yes, enclosed
15)	NAME AND ADDRESS OF THE SUCCESSFUL BIDDER	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants AL-9,15th Lane Off Khayaban-e-Hilal Phase-VII,DHA Karachi
16)	CONTRACT AWARD PRICE	Rs. 220,213,408 (Rupees Two Twenty Million Two Hundred Thirteen Thousand Four Hundred Eight Only)
17)	RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1st, 2nd, 3rd EVALUATION BID)	M/s. EA Consulting Pvt. Ltd.....(1) M/s. NESPAK.....(2)
18)	METHOD OF PROCUREMENT USED : - (Tick one)	
	a. SINGLE STAGE – ONE ENVELOPE PROCEDURE	<input type="checkbox"/>
	b. SINGLE STAGE – TWO ENVELOPE PROCEDURE	<input checked="" type="checkbox"/>
	c. TWO STAGE BIDDING PROCEDURE	<input type="checkbox"/>
	d. TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE	<input type="checkbox"/>

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e.  
EMERGENCY, DIRECT CONTRACTING / NEGOTIATION ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT

Project Director (65) MGD

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN? Yes  No

21) ADVERTISEMENT :

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	<input type="checkbox"/>
No	<input checked="" type="checkbox"/>

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	<input checked="" type="checkbox"/> Dawn (English) Dt: 9-4-2016 Awami Awaz (Sindhi), Dt: 9-4-2016 Jahan-e-Pakistan, Dt: 9-4-2016 Pakistan Observer, Dt: 9-4-2016 Daily Dunia, Dt: 10 <sup>th</sup> April, 2016 Daily Jang, Dt: 10 <sup>th</sup> April, 2016
No	<input type="checkbox"/>

22) NATURE OF CONTRACT Domestic / Local  Intl.

23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS? (If yes, enclose a copy) Yes  No

24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS? (If yes, enclose a copy) Yes  No

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING? Yes  No

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS? Yes  No

27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies) Yes  No

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT? Yes  No

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS? Yes  No

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT? (Attach copy of the bid evaluation report) Yes  No

- 1) ANY COMPLAINTS RECEIVED  
(If yes, result thereof) Yes  No
- 32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE  
TENDER NOTICE / DOCUMENTS (If yes, give details) Yes  No
- 33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons) Yes  No
- 34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give detailed reasons) Yes  No
- 35) WAS IT ASSURED BY THE PROCURING AGENCY  
THAT THE SELECTED FIRM IS NOT BLACK LISTED? Yes  No
- 36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE  
PROCURING AGENCY TO THE SUPPLIER'S PREMISES  
IN CONNECTION WITH THE PROCUREMENT? IF SO,  
DETAILS TO BE ASCERTAINED REGARDING  
FINANCING OF VISIT, IF ABROAD:  
(If yes, enclose a copy) Yes  No
- 37) WERE PROPER SAFEGUARDS PROVIDED ON  
MOBILIZATION ADVANCE PAYMENT IN THE  
CONTRACT (BANK GUARANTEE ETC.)? Yes  No
- 38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description) Yes  No

Attached.

Signature & Official Stamp of  
Authorized Officer

  
**ABAL PALIJO**  
 Executive Engineer  
 Haleji Division Ch  
 KWSSB



## EVALUATION CRITERIA

### EVALUATION CRITERIA FOR ADDITIONAL 65 MGD BULK WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI

<b>I</b>	<b>SPECIFIC EXPERIENCE OF THE CONSULTANTS RELEVANT TO THE ASSIGNMENT</b>	<b><u>Maximum 10 Points</u></b>
<b>A</b>	Design (Preliminary/Detailed) of major water supply & allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	5 Points
<b>B</b>	Construction supervision of major water supply projects and allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	5 Points
<b>II</b>	<b>ADEQUACY OF THE PROPOSED TECHNICAL APPROACH, METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE</b>	<b><u>Maximum 50 Points</u></b>
<b>a</b>	Understanding of the Scope of Work and Design considerations of Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi (Detailed Description)	6 Points
<b>b</b>	Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi and its design and supervision stages	6 Points
<b>c</b>	Specialized Services, skills and access to particular technologies of a consultant, and his approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi Project	6 Points
<b>d</b>	Technical approach & Methodology of the detailed Engineering Design and its various components	6 Points
<b>e</b>	Methodology of Construction Supervision and its various components	6 Points
<b>f</b>	Work Plan: for submittals & deliverables matching with the work plan. Logical sequence of tasks and coverage of all Principal Activities envisaged by the Engineering Firms with respect to the TOR	6 Points
<b>g</b>	Organization & Staffing Manning Schedule for both Design & Supervision	6 Points
<b>h</b>	Activity Schedule displaying each and every activity by Bar Chart	4 Points
<b>i</b>	Quality Management System covering complexity of the assignment with assured best standard quality	4 Points
<b>III</b>	<b>KEY PROFESSIONAL STAFF QUALIFICATION &amp; COMPETENCE FOR THE ASSIGNMENT (DESIGN TEAM EXPERTS)</b>	<b><u>Maximum 30 Points</u></b>
<b>a</b>	Team Leader Water Supply Design	4 Points
<b>b</b>	Sr. Design Engineer (Hydraulics)	4 Points
<b>c</b>	Sr. Design Engineer (Electrical)	4 Points
<b>d</b>	Sr. Design Engineer (Mechanical)	4 Points
<b>e</b>	Contract Specialist	2 Points
<b>f</b>	Sr. Design Engineer (Structures)	3 Points
<b>g</b>	Sr. Professional (Environment)	3 Points
<b>h</b>	Sr. Geotech / Materials Engineer	3 Points
<b>i</b>	Sr. Professional (Surveys & GIS)	3 Points

IV	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR ASSIGNMENT (SUPERVISION TEAM)	Maximum 10 Points
a	Chief Project Manager	2 Points
b	Chief Resident Engineer	2 Points
c	Chief of Surveying & GIS	1 Point
d	Chief Materials Engineer	1 Point
E	Senior Resident Engineer Civil - 3 Nos	3 Points
F	Senior Resident Engineer E/M - 1 No	1 Point
<b>TOTAL</b>		<b>100 Points</b>

Requirements

- Each Firm/Consortium must secure at-least 1/3 points in each Section to qualify
- Firms/Consortium obtaining 70% or above score on aggregate shall pass the Technical Proposal Evaluation

**"Important Notes"**

- “ 1. For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

2. Weightage for evaluation of CV of each professional shall be as following :-

➤ **General Qualifications** **30% weightage**

Design Stage : PhD = Full marks, Masters = 80% marks  
and Bachelors = 60% marks

Construction Supervision Stage : Masters = Full marks, Bachelors = 70% marks

➤ **Adequacy for the assignment** **60% weightage,**

No adequacy **30% weightage**

25 Years + = Full marks      15 to 24 years = 80% marks, and  
10 to 14 years = 50% marks

➤ **Experience in Region and Language = 10% weightage**

25 Years + = Full marks      15 to 24 years = 80% marks, and  
10 to 14 years = 50% marks

Adequacy and Experience All years = Full marks otherwise pro-rata marks

- \* Expert of Pakistan Origin are required to have completed PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.

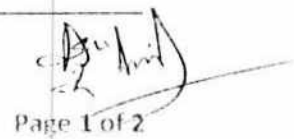


# KARACHI WATER & SEWERAGE BOARD

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

### Bid Evaluation Report

1. Name of Procuring Agency: Karachi Water and Sewerage Board
2. Tender Reference No: \_\_\_\_\_
3. Tender Description / Name of work / item: Detailed Design & Construction Supervision of  
Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi
4. Method of Procurement: Single Stage - Two Envelop System (Least Cost Selection  
Method) LCB
5. Tender Published: 9<sup>th</sup> April to 10<sup>th</sup> April 2016
  - a. Dawn (English) Dated: 9<sup>th</sup> April, 2016
  - b. Awami Awaz (Sindhi) Dated: 9<sup>th</sup> April, 2016
  - c. Jahan-e-Pakistan Dated: 9<sup>th</sup> April, 2016
  - d. Pakistan Observer, Dated: 9<sup>th</sup> April, 2016
  - e. Daily Dunia Dated: 10<sup>th</sup> April, 2016
  - f. Daily Jang Dated: 10<sup>th</sup> April, 2016
6. Total Bids documents Sold: 10 (Ten)
7. Total Bids Received: 05 (Five)
8. Technical Bid Opening date: (if applicable) May 02, 2016
9. No. of Bids technically qualified (if applicable): 02 (Two)
10. Bid(s) Rejected: 03 (Three)
11. Financial Bid Opening date: 13<sup>th</sup> July 2016



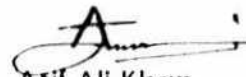
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12. Bid Evaluation Report:

S No	Name of Firm of Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance / rejection	Remarks
1	2	3	4	5	6	
1	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants	220,213,408/-	1 <sup>st</sup>	4% of PC-I Cost	Accepted being Responsive & consistent with LOI/RFP Document	Lowest evaluated Bid
2	M/s. National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.	375,617,460/-	2 <sup>nd</sup>	6.8% of PC-I Cost	Accepted being Responsive & consistent with LOI/RFP Document	



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



**Asif Ali Khan**  
Dy. Project Manager (K-IV), KW&SB  
(Member)



**Akber Ali Brahmani**  
Dy. Secretary (Dev-II), Finance Deptt.,  
Govt. of Sindh (Member)



**Ghulam Muhammad Shaikh**  
Assistant Chief P&D Department,  
Government of Sindh (Member)



**Sikandar Ali Zardari**  
Project Director (65 MGD), KW&SB  
(CONVENER)



**DETAILED DESIGN AND CONSTRUCTION SUPERVISION OF  
ADDITIONAL 65 MGD WATER SUPPLY SCHEME  
FROM HALEJI TO PIPRI, KARACHI**

**LIST OF CONSULTANT / FIRMS,  
WHO PURCHASED TENDER DOCUMENTS**

<b>S#</b>	<b>Name of Firm</b>
1	M/s. Velosi Integrity & Safety Pakistan (Pvt.) Ltd.
2	M/s. B.M Consulting Engineer (Pvt.) Ltd.
3	M/s. Asian Consulting Engineers (Pvt.) Ltd.
4	M/s. EA Consulting Pvt. Ltd.
5	M/s. Euroconsult Pakistan (Pvt.) Ltd.
6	M/s. Techno-Consult International (Pvt.) Ltd.
7	M/s. Umar Munshi Associates
8	M/s. National Engineering Services Pakistan (Pvt.) Ltd.
9	M/s. Associated Consulting Engineers – ACE (Pvt) Ltd.
10	M/s. RCC Consultant

# Detailed Design and Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi

## Special Conditions of Contract

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.1	<b>Definitions</b> Sindh Public Procurement Act and Sindh Public Procurement Rules 2010.
1.3	<b>Language</b> The language is English.
1.4	<b>Notices</b> The addresses are:  Project Director (65 MGD) Project, Karachi Water & Sewerage Board, 1 <sup>st</sup> Floor, Block B, 9 <sup>th</sup> Mile, Karsaz, Shahrea - Faisal, Karachi, Pakistan  Procuring Agency : Karachi Water & Sewerage Board Attention : Managing Director, KW&SB Facsimile : 021-99245131 E-mail :  Consultant : M/s. EA Consulting Pvt. Ltd. AL-9,15th Lane Off Khayaban-e-Hilal Phase-VII, DHA Karachi  Attention : Mr. Ali Asghar (Head of PHE Deptt.) Facsimile : 92-21- 35841825 E-mail : ali.asghar@eaworld.com
1.6	<b>Authority of Member Incharge</b> N/A
1.7	<b>Authorized of Representatives</b> The Authorized Representatives is:  For KW&SB: Project Director (65 MGD)  For the Consultant: Mr. Ali Asghar M/s. EA Consulting Pvt. Ltd. (Head of PHE Deptt.)
1.8	<b>Taxes &amp; Duties</b> As per RFP
2.2	<b>Termination of Contract for failure to become effective</b> The time period shall be twenty eight (28) days after signing of the Contract.
2.3	<b>Commencement of Services</b> The date for the commencement of Services is date of signing of Contract Agreement.
2.4	<b>Expiration of Contract</b> The time period shall be 6 months for Design & 18 months for Construction Supervision or as mutually agreed between the parties. "Completion of Services" means submission of "Final Completion Report" and "PC-IV of the Project"
3.5	<b>Insurance to be taken out by the Consultants</b> The risks and the coverage shall be as follows: a) Third party motor vehicle liability insurance in respect of motor vehicle operated in Pakistan by the Consultants or their personnel or any Sub Consultants or their personnel, with a minimum coverage of Rupees One Million. b) Insurance against loss of or damage to equipment purchased in whole or in part with funds provided under the Contract. c) Third party liability insurance, with a minimum coverage of Rupees Five Million.



PROJECT DIRECTOR  
65 Mgd Addl. W.S.  
KW&SB

Any other risk and coverage desired by Client shall be made under individual work contracts at the cost of Contractor.



**3.6 Consultant Actions Requiring Clients Prior Approval**

- (c) The Consultants shall also clear with the Client, before commitments on any action they propose to take under the following:-
- i) Issuing Variation Orders in respect of:-
    - Additional items of works as determined by the Engineer to be necessary for the execution of works.
    - Any new item of the works not envisaged in the contract documents and which is determined by the Engineer to be necessary for the execution of works.
    - Any item of works covered under provisional sums
  - ii) Claim from the Contractor for extra payment with full supporting details and Consultants recommendations, if any, for settlement.
  - iii) Details of any nominated sub contracts.
  - iv) Any action under terms of Performance guarantee or Insurance Policy.
  - v) Any action by the Consultants affecting the costs under the following clauses of Conditions of Contract of the Construction Contract.
    - Adverse Physical Conditions & Artificial Obstructions
    - Suspension of works
    - Bonus and Liquidated Damages
    - Certificate of Completion of Works
    - Defects Liability Certificate
    - Forfeiture
    - Special Risks
    - Frustration
  - vi) Final Measurement Statement
  - vii) Release of Retention Money
  - viii) Any change in the ratios of various currencies of payment.

**3.8 (b) Documents prepared by the Consultant to be the Property of the PA**

The Consultant shall not use these documents and software for purposes unrelated to this Contract without the prior written approval of the KW&SB.

**6.1 Security**

Performance Security shall be 5% of contract amount

**6.4 Contract Price**

This is a Pak Rupee contract. All payment shall be made in Pak Rupees and there shall be no payment in foreign exchange component.

**6.6 Terms and Conditions of Payment**

The accounts are:

SWIFT Address: UNILPKKA  
Bank Name: United Bank Limited  
Branch ID: 1620  
Account: 010-2391-9  
Title: M/s. EA Consulting Pvt. Ltd.

Payments shall be made according to the following schedule:

**A Design Phase**

As soon as practicable and preferably within thirty (30) days after the end of each calendar month during the period of the Services, the Consultants shall submit to the Client, in duplicate, itemized statements, accompanied by copies of receipted invoices, vouchers and other appropriate supporting materials, of the amounts payable for such month. Monthly statement shall distinguish that portion of the total eligible costs which pertains to remuneration from that portion which pertains to reimbursable direct costs expenditure.



PROJECT DIRECTOR  
65 Mgd Aq. W. S.  
KW&SB

**B Construction Supervision Phase**

As soon as practicable and preferably within thirty (30) days after the end of each calendar month during the period of the Services, the Consultants shall submit to the Client, in duplicate, itemized statements, accompanied by copies of receipted invoices, vouchers and other appropriate supporting materials, of the amounts payable for such month. Monthly statement shall distinguish that portion of the total eligible costs which pertains to remuneration from that portion which pertains to reimbursable direct costs expenditure.

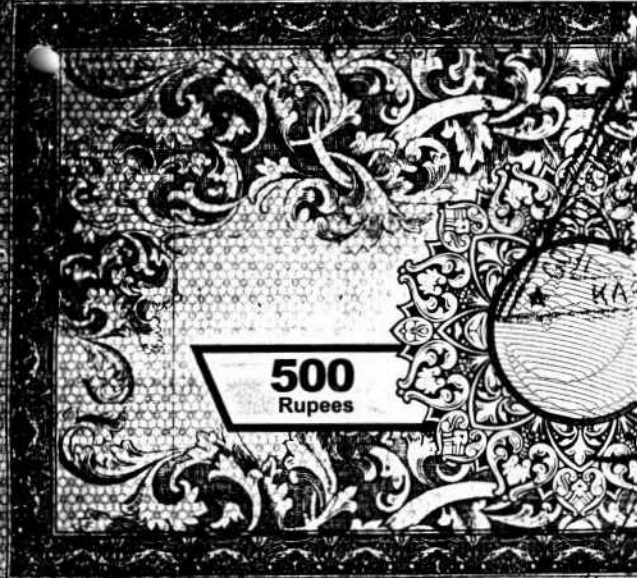
**8.2 Dispute Resolution** Disputes shall be settled by Complaint Redressal Committee defined in SPPR 2010 or through arbitration Act of 1940 in accordance with the following provisions:

The Arbitration shall take place in Karachi.



**PROJECT DIRECTOR**  
65 Mgd Addl. W.S.P.,  
KW&BB

1 to 750 2/10/16



500 Rupees



KASHIF RAZA STAMP VENDOR  
Licence No. 02 G-14, Spanish Homes  
Phase-4, D.H.A., Karachi.

02 OCT 2015

S.no. 11751 Date .....  
Issued To With Address .....  
Through With Address EA Consulting (Pvt.) Limited  
Purpose .....  
Value Rs. 500 Attached .....  
Stamp Vendor's Signature .....  
(NOT USE FOR FREE WILL & DIVORCE PURPOSE)

2-10-16

### CONSULTANCY CONTRACT AGREEMENT

FOR

### DETAIL DESIGN AND CONSTRUCTION SUPERVISION OF ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI

THIS CONTRACT "Detailed Design & Construction Supervision of Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi." is entered into this October - 25th 2016 by and between "Karachi Water & Sewerage Board"(hence forth referred to as "KW&SB) having its principal place of business at Managing Director, Karachi Water & Sewerage Board, Block-D, 9th Mile Karsaz, Shahrah e Faisal, Karachi, Pakistan; and M/s EA Consulting Pvt. Ltd. in association with M/s JERS Engineering Consultants (hence forth referred to as "the consultant") having its principal office located at Al-9, 15th Lane, Off Kh-Hilal, DHA Ph-7, Karachi.

WHEREAS, KW&SB wishes to have the Consultant performing the services hereinafter referred to, and

WHEREAS, the Consultant is willing to perform these services on the Terms & Conditions set forth in this Contract.

NOW THEREFORE The parties hereby agree as follows:-

The following documents attached here to shall be deemed to form an integral part of this contract

- a. The Contract Form or Agreement
- b. The letter of Acceptance vide no. KW&SB/PD/65MGD/2016/47, Dated 30th September, 2016.
- c. The General Conditions of Contract.
- d. The Special Conditions of Contract.

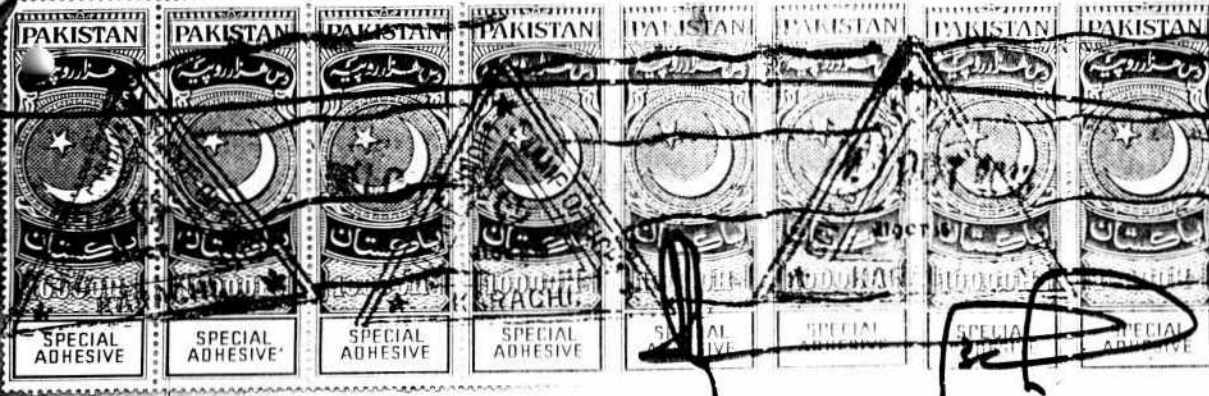
PROJECT DIRECTOR  
65 Mgd Addl. W.S.P.  
KW&SB  
PROJECT DIRECTOR  
65 Mgd Addl. W.S.P.



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The following Appendices:-

- Appendix – A Description of Services
- Appendix – B Consultant’s reporting Obligations
- Appendix – C Key Personnel & Sub Consultants
- Appendix –D Breakdown of Contract Price in Foreign Currency as per Consultant’s Financial Proposal.
- Appendix –E Breakdown of Contract Price in Local Currency as per Consultant’s Financial Proposal.
- Appendix – F Services to be provided by the Client.
- Appendix – G “Integrity Pact”.

**1. Services**

- (i) The Consultant shall perform the services specified in Section-5, “Terms of Reference and Scope of Services,” which is made an integral part of this Contract (“the Services”).
- (ii) The Consultant shall provide the reports listed as deliverable in, “Consultant’s Reporting Obligations,” within the time periods along with the personnel listed in Cost Estimate of Services. List of Personnel and Schedule of Rates” to perform the Services.

**2. Term**

The Consultant shall perform the Services during the period commencing October 30, 2016 and continuing through November 30, 2018 or any other period as may be subsequently agreed by the parties in-writing.

**3. Payment**

Services rendered pursuant to Annex A, KW&SB shall pay the Consultant an amount not to exceed Rs 220,213,408.00. This amount has been established based on the understanding that it includes all of the Consultant’s costs and profits as well as any tax obligation including Sindh Sales Tax (SST) & all other levies and taxes that may be imposed on the Consultant.

**B. Payment Conditions**

Payment shall be made in Pak Rupees, no later than 30 days following submission by the Consultant of invoices in duplicate to the Coordinator designated in paragraph 5.

In order to adjust the remuneration for inflation, a price adjustment provision has been included. As the contract has a duration of more than 18 months, the adjustment will be made every 12 months after the date of the contract for



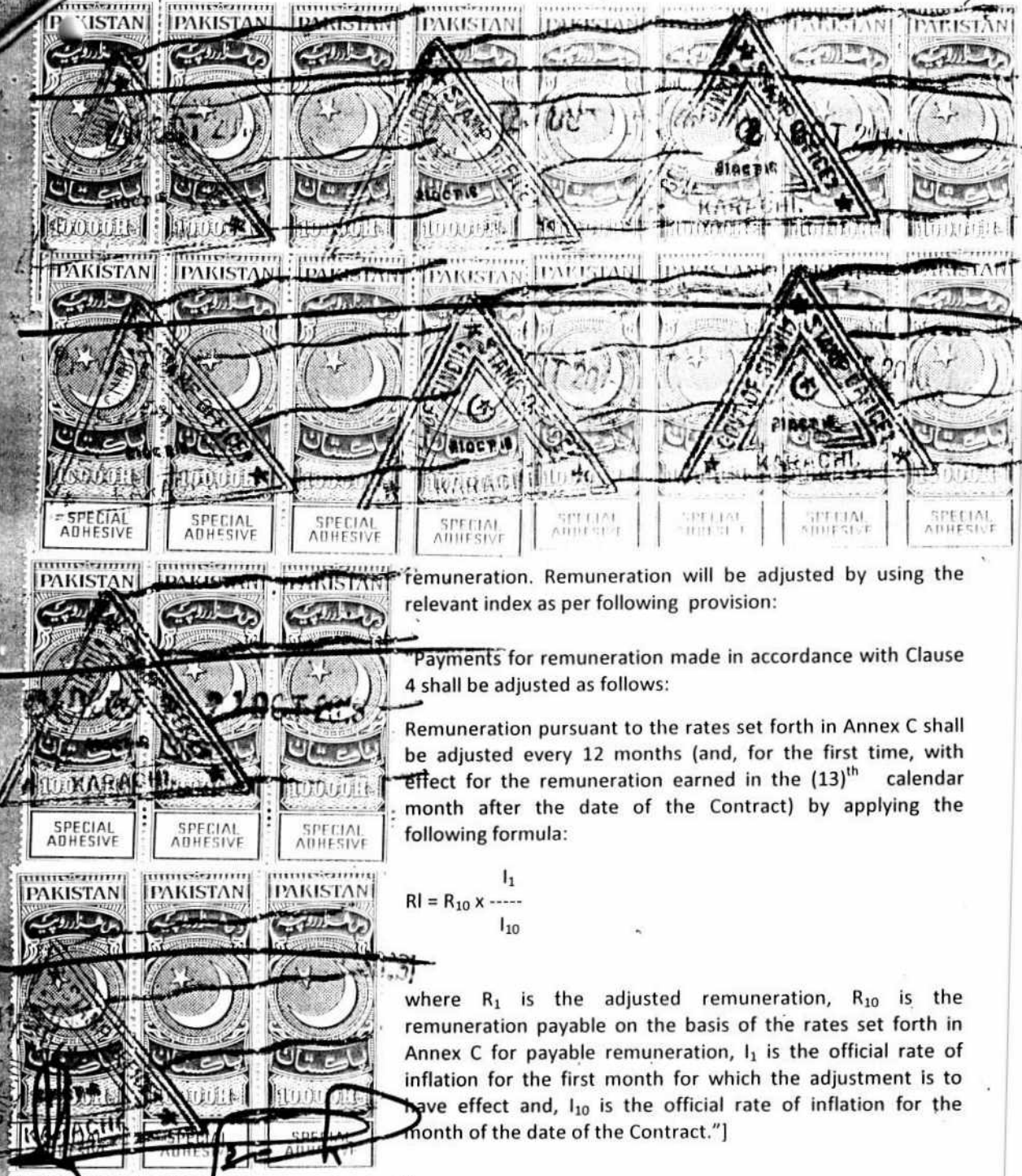
PROJECT DIRECTOR  
KW&SB  
65 Mgd Addl. W.S.P.

PROJECT DIRECTOR  
KW&SB  
65 Mgd Addl. W.S.P.

COURTS  
Economic Price  
Adjustment



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remuneration. Remuneration will be adjusted by using the relevant index as per following provision:

Payments for remuneration made in accordance with Clause 4 shall be adjusted as follows:

Remuneration pursuant to the rates set forth in Annex C shall be adjusted every 12 months (and, for the first time, with effect for the remuneration earned in the (13)<sup>th</sup> calendar month after the date of the Contract) by applying the following formula:

$$R_1 = R_{10} \times \frac{I_1}{I_{10}}$$

where R<sub>1</sub> is the adjusted remuneration, R<sub>10</sub> is the remuneration payable on the basis of the rates set forth in Annex C for payable remuneration, I<sub>1</sub> is the official rate of inflation for the first month for which the adjustment is to have effect and, I<sub>10</sub> is the official rate of inflation for the month of the date of the Contract.”]

5. Project Administration (PA)

Handwritten signature and the text "A. Coordinator"

The KW&SB designates Project Director or his authorised representative as KW&SB Coordinator; the Coordinator shall be responsible for the coordination of activities under the Contract, for receiving and approving invoices for payment, and for acceptance of the deliverables by the PA.

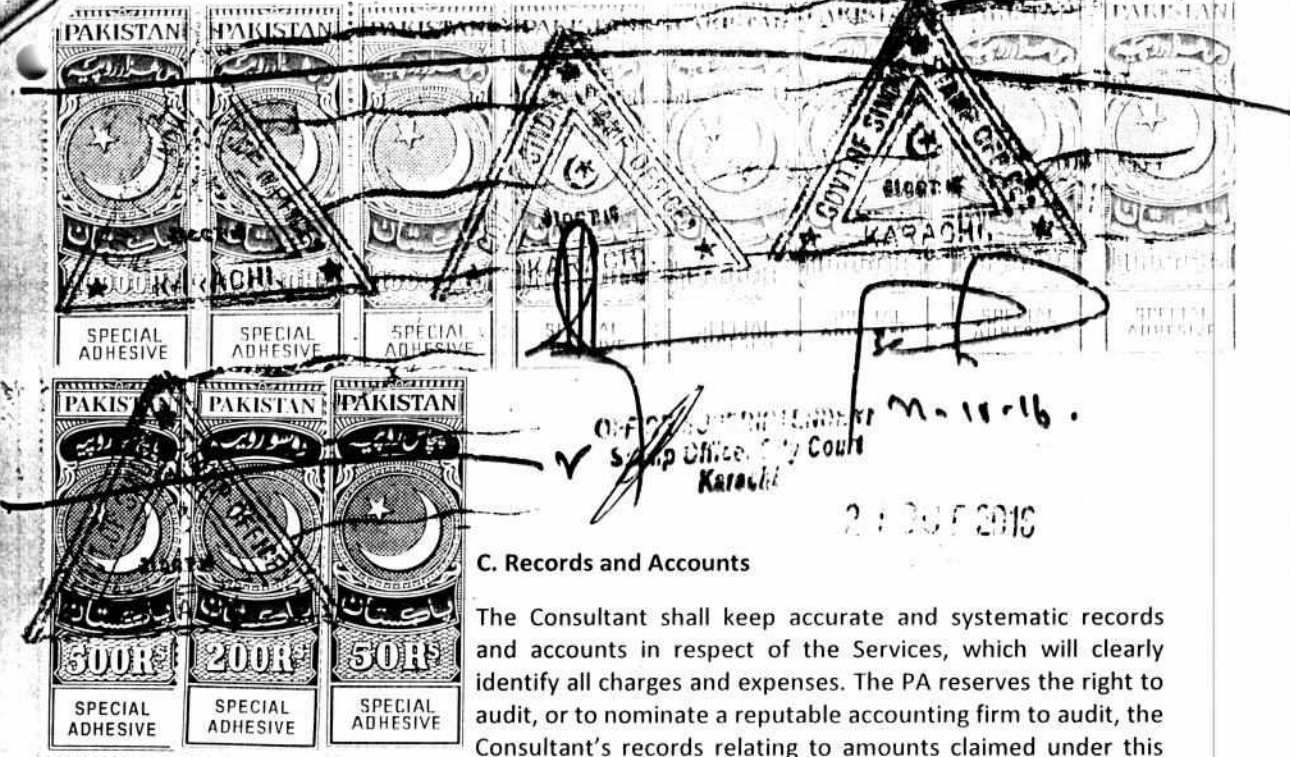
**B. Timesheets**

During the course of their work under this Contract the Consultant's employees providing services under this Contract may be required to complete timesheets or any other document used to identify time spent, as instructed by the Contractor.



PROJECT DIRECTOR  
65 Mgd Addl. W.S.P.  
KW&SB

8/1/11 109 710709



**C. Records and Accounts**

The Consultant shall keep accurate and systematic records and accounts in respect of the Services, which will clearly identify all charges and expenses. The PA reserves the right to audit, or to nominate a reputable accounting firm to audit, the Consultant's records relating to amounts claimed under this Contract during its term and any extension, and for a period of three months thereafter.

**6. Performance Standard**

The Consultant undertakes to perform the Services with the highest standards of professional and ethical competence and integrity. The Consultant shall promptly replace any employees assigned under this Contract that the KW&SB considers unsatisfactory.

**7. Confidentiality**

The Consultants shall not, during the term of this Contract and within two years after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the PA's business or operations without the prior written consent of the PA.

**8. Ownership of Material**

Any studies, reports or other material, graphic, software or otherwise, prepared by the Consultant for the KW&SB under the Contract shall belong to and remain the property of the KW&SB. The Consultant may retain a copy of such documents and software.

**9. Consultant Not to be Engaged in Certain Activities**

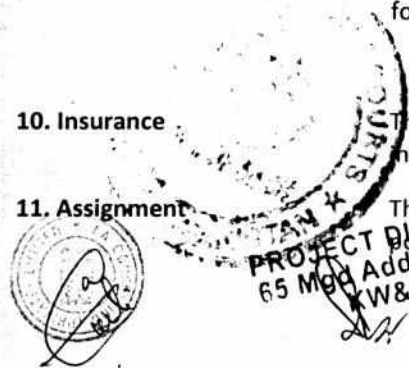
The Consultant agrees that, during the term of this Contract and after its termination, the Consultants and any entity affiliated with the Consultant, shall be disqualified from providing goods, works or services (other than the Services or any continuation thereof) for any project resulting from or closely related to the Services.

**10. Insurance**

The Consultant will be responsible for taking out any appropriate insurance coverage for their personnel and equipments.

**11. Assignment**

The Consultant shall not assign this Contract or Subcontract any portion thereof without the PA's prior written consent.





12. **Law Governing Contract and Language**

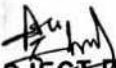
The Contract shall be governed by the laws of Islamic Republic of Pakistan or the Provincial Government and the language of the Contract shall be English.

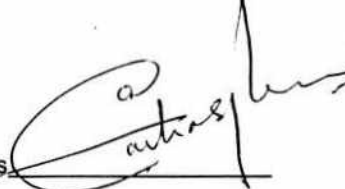
13. **Dispute Resolution**

Any dispute arising out of this Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the Arbitration Act of 1940.

For  
**Karachi Water & Sewerage Board  
(KW&SB)  
(CLIENT)**

For  
**M/s. EA Consulting Pvt. Ltd.  
(CONSULTANTS)**

Signatures   
**PROJECT DIRECTOR**  
65 Mgd Addl. W.S.P.,  
Name : Sikander Ali **KW&SB**

Signatures   
Name: Ali Asghar

Title : Project Director (65 MGD)  
Karachi Water & Sewerage Board.


Title: Director (PHE Deptt.)  
M/s. EA Consulting Pvt. Ltd.


(Seal) :

(Seal):

**Witness**

**Witness**

Signatures 

Signatures 

Name: **(MISBAH UDDIN FARID)**  
Managing Director  
Title: **Karachi Water & Sewerage Board**  
Managing Director  
Karachi Water & Sewerage Board.

Name: Syed Munawar Zaman  
Title: Senior Design Engineer (PHED)  
M/s. EA Consulting Pvt. Ltd.

(Seal)

(Seal)

**ATTESTED**  
**MUHAMMAD SABIR**  
B.Com, L.L.B  
(Advocate) B.A.L.L.B  
Notary Public  
KARACHI - PAKISTAN



25 OCT 2016





# KARACHI WATER & SEWERAGE BOARD

Office of the Project Director (65 MGD Project)

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

1<sup>st</sup> Floor, Block-B, KW&SB Tel No. +92-21-99245130

No. KW&SB/PD/65MGD/2016/47

Dated: 30<sup>th</sup> September 2016

To,

**M/s. EA Consulting Pvt. Ltd.**

AL-9, 15<sup>th</sup> Lane Off Khayaban-e-Hilal Phase-VII, DHA Karachi

Tel: 92-21-111 111 584 Fax: 92-21 35841825

**in association with**

**M/s. JERS Engineering Consultants**

124-H Model Town Lahore - Pakistan

Tel: 92-42-35881207 +92-42-35868659

Fax: +92-42-35868659

## DETAILED DESIGN & CONSTRUCTION SUPERVISION

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

## LETTER OF ACCEPTANCE

Pursuant upon, approval accorded by the Competent Authority, your Financial Proposal dated: May 02, 2016, for the work of Consultancy Services "**Detailed Design and Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi**", at the corrected and rationalized Bid amount of **Rs.220,213,408/- (Rupees Two Twenty Million Two Hundred Thirteen Thousand Four Hundred Eight Only) inclusive of 15% Sindh Sales Tax (SST) & all other levies and Taxes**, is hereby accepted being the lowest evaluated Bid on Terms & Conditions as elaborated in Letter of Invitation / R.F.P Document, on the basis of which your Technical / Financial Proposals have been accepted and approved with Terms & Conditions but not limited to as under:-

- i. You shall be responsible to acquire yourself at no cost to Client any Data, Report, Mappings, Survey Data, G.I.S Data, Satellite Images, Aerial Photographs, etc. which are necessarily required by the Consultancy Firm / Consortia, during the provision of necessary Consultancy Services.

You shall be responsible at no additional cost to Client for all the Services related to Drilling of Bore Holes, Test Pits, Geo Technical Investigation and other related Field Works, except as included in the Financial Proposal.



# KARACHI WATER & SEWERAGE BOARD

Office of the Project Director (65 MGD Project)

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

1<sup>st</sup> Floor, Block-B, KW&SB Tel No. +92-21-99245130

(Page – 2)

- iii. The rates quoted by your Firm / Consortia shall be applicable for the whole duration of Consultancy Contract and shall not be subjected to revision. Any escalation as entitled under the relevant SPPRA Rules 2010 shall be applicable.
- iv. The quantities of Man-Months of Key Personnel pertaining to Design & Construction Supervision of the Project have been rationalized to suit the Project requirement as per following detail and needs and your acceptance for further contractual proceedings accordingly:-

Sr Nr	Position	Quantity as per RFP (Man Months)	Reduced Quantity (Man Months)
<b>Design Stage</b>			
1.	Team Leader Water Supply Design	12 MM	06 MM
2.	Contract Specialist	09 MM	06 MM
3.	Design Engineers	04 MM	02 MM
4.	Jr. Design Engineers	04 MM	02 MM
<b>Construction Supervision Stage</b>			
1.	Senior Resident Engineer (Civil)	54 MM (SRE's 03 Nr.)	36 MM (SRE's 02 Nr.)
2.	Resident Engineer (Civil)	108 MM (RE's 06 Nr.)	72 MM (RE's 04 Nr.)
3.	Asstt. Resident Engineer (Civil)	180 MM (ARE's 10 Nr.)	144 MM (ARE's 08 Nr.)
4.	Site Inspector	270 MM (Site Inspector 15 Nr.)	216 MM (Site Inspector 12 Nr.)
5.	Surveyor	90 MM (Surveyor 05 Nr.)	72 MM (Surveyor 04 Nr.)

This Letter of Acceptance over rules any Conditions that you have inserted in the Technical / Financial Proposal, whereas any Condition additional and contrary to above shall be considered null and void.



# KARACHI WATER & SEWERAGE BOARD

Office of the Project Director (65 MGD Project)

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

1<sup>st</sup> Floor, Block-B, KW&SB Tel No. +92-21-99245130

(Page – 3)

A Performance Security on the prescribed SPPRA Format may be furnished. The said Security should be furnished by you within 14 days after the receipt of this Letter of Acceptance. The Performance Security shall be for an amount equivalent to Five Percent (5%) of the Contract Amount (Corrected Bid Price) of your Financial Proposal in Pak Rupees in the form of Pay Order, Demand Draft or Bank Guarantee from any Scheduled Bank in Pakistan. The Performance Security shall remain valid upto 90 days beyond the date of completion of Contract to cover the Defects Liability Period or Maintenance Period, and shall be released after final acceptance by the Procuring Agency.

You are requested to confirm the unconditional acceptance of the Terms & Conditions of this letter by signing / stamping and returning the acknowledgement. You may compile the Documents of your Technical / Financial Proposals to form a Contract Agreement in accordance with the format contained in the L.O.I / R.F.P Document for the purpose of signing an Agreement containing all pre-requisites at the earliest.

Sikander Ali  
PROJECT DIRECTOR  
(65 MGD Project), KW&SB

Copy to:-

1. Dy. Managing Director (Planning), KW&SB
2. Senior Director (Finance), KW&SB
3. ADLFA, KW&SB

Copy for kind information to:-

Managing Director, KW&SB

ACKNOWLEDGEMENT

I, Ali Asghar in the capacity of Director PHRD duly authorized to sign for and on behalf of **M/s. EA Consulting Pvt. Ltd.** in association with **M/s. JERS Engineering Consultants**, hereby unconditionally confirms acceptance of the Terms & Conditions stipulated in this Letter of Acceptance.

Signature \_\_\_\_\_ Stamp of Consultancy Firm / Consortia



30/9/2016

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

**LIST OF B.O.Q ITEMS**

**SUMMARY OF COST**

Sr. No.	COST DESCRIPTION	QUOTED AMOUNT (RS.)
1	Remuneration (Design Phase)	48,820,104
	Reimbursable Expenses (Design Phase)	41,742,400
	<b>Sub Total : Design Phase (A)</b>	<b>90,562,504</b>
2	Remuneration (Construction Phase)	126,590,904
	Reimbursable Expenses (Construction Phase)	3,060,000
	<b>Sub Total : Construction Phase (B)</b>	<b>129,650,904</b>
	<b>Financial Proposal (A+B)</b> inclusive of 15% SST	<b>220,213,408</b>
	<b>Total Cost of Financial Proposal</b>	<b>220,213,408</b>



# Breakdown of Contract Price in Local Currency

## Breakdown of Remuneration (DESIGN PHASE)

### A. DETAILED DESIGNING CORE TEAM

Sr. No.	POSITION	QTY	Staff Input MM	Total MM	Monthly Rate (PKR)	Total Amount (PKR)
1	Team Leader Water Supply Design	1	6	6	499,915	2,999,490
2	Sr. Design Engineer (Hydraulics)	2	6	12	449,628	5,395,536
3	Sr. Design Engineer (Electrical)	1	4	4	449,628	1,798,512
4	Sr. Design Engineer (Mechanical)	1	4	4	449,628	1,798,512
5	Contract Specialist	1	6	6	449,628	2,697,768
6	Sr. Design Engineer (Structures)	2	6	12	449,628	5,395,536
7	Sr. Professional (Environment)	1	6	6	349,053	2,094,318
8	Sr. Geotech / Materials Engineer	1	6	6	349,053	2,094,318
9	Sr. Professional (Surveys & GIS)	1	6	6	349,053	2,094,318
	<b>Sub Total : A</b>	<b>11</b>	<b>50</b>	<b>62</b>		<b>26,368,308</b>

### B. DETAILED DESIGN SUPPORT TEAM

Sr. No.	POSITION	QTY	Staff Input MM	Total MM	Monthly Rate (PKR)	Total Amount (PKR)
1	Design Engineer	2	6	12	298,766	3,585,192
2	Jr. Design Engineer	2	6	12	198,191	2,378,292
3	Senior Quantity Surveyor	1	6	6	198,191	1,189,146
4	Junior Quantity Surveyor	1	6	6	124,239	745,434
5	Junior GIS Professional	2	6	12	147,904	1,774,848
6	Junior Survey Professional	4	6	24	147,904	3,549,696
7	CAD Professional	2	6	12	147,904	1,774,848
8	Computer Operator/ Office Support Staff	10	6	60	124,239	7,454,340
	<b>Sub Total : B</b>	<b>24</b>	<b>48</b>	<b>144</b>		<b>22,451,796</b>

	<b>Total : A+B</b>			<b>206</b>		<b>48,820,104</b>
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## Breakdown of Contract Price in Local Currency

### Breakdown of Remuneration (SUPERVISION PHASE)

#### C. CONSTRUCTION SUPERVISION (CORE TEAM)

Sr. No.	POSITION	QTY	Staff Input MM	Total MM	Monthly Rate (PKR)	Total Amount (PKR)
1	Chief Project Manager	1	18	18	399,340	7,188,120
2	Chief Resident Engineer	1	18	18	372,718	6,708,924
3	Chief of Surveying & GIS	1	18	18	249,957	4,499,226
4	Chief Materials Engineer	1	18	18	249,957	4,499,226
	<b>Sub Total : C</b>	<b>4</b>	<b>72</b>	<b>72</b>		<b>22,895,496</b>

#### D. CONSTRUCTION SUPERVISION TEAM

Sr. No.	POSITION	QTY	Staff Input MM	Total MM	Monthly Rate (PKR)	Total Amount (PKR)
1	Senior Resident Engineer Civil	2	18	36	298,766	10,755,576
4	Senior Resident Engineer E/M	1	18	18	298,766	5,377,788
5	Resident Engineer Civil	4	18	72	249,957	17,996,904
6	Resident Engineer E/M	1	18	18	249,957	4,499,226
7	Material Engineer	1	18	18	199,670	3,594,060
8	Asstt. Resident Engineer (Civil)	8	18	144	178,964	25,770,816
9	Asstt. Resident Engineer (E/M)	2	18	36	178,964	6,442,704
10	Senior Quantity Surveyor	1	18	18	149,383	2,688,894
11	Junior Quantity Surveyor	2	18	36	99,096	3,567,456
12	Site Inspector	12	18	216	79,868	17,251,488
13	Surveyor	4	18	72	79,868	5,750,496
	<b>Sub Total : D</b>	<b>38</b>	<b>198</b>	<b>684</b>		<b>103,695,408</b>

	<b>TOTAL (C + D)</b>			<b>756</b>		<b>126,590,904</b>
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## Breakdown of Contract Price in Local Currency

### Breakdown of Reimbursable Expenses (DESIGN PHASE)

Sr. No.	Description	UNIT	QTY	Monthly Rate (PKR)	Total Amount (PKR)
1	Security Guards with Consultants (Ex-Army x 4 Nos.)* for 6 Months	MMS	24	25,000	600,000
2	Communication cost between Consultants & Client	Month	6	25,000	150,000
3	Drafting, reproduction of reports, etc.	L.S	1	400,000	400,000
4	Computers (complete set) plus Printers & Softwares	Nos.	10	100,000	1,000,000
5	Laptop computers Apple Mac Book Pro-15 inch, 2.0 GHZ Quad Core Intel Core i-7 as approved by KW&SB	Nos.	2	100,000	200,000
6	Laboratory tests and Geo-tech Investigations (Design Stage)	L.S		2,000,000	2,000,000
7	Vehicles 4 x 4 Toyota Hilux Vigo Champ. G. Diesel, Made in Pakistan, including Registration, insurance & tracker	Nos.	2	4,750,000	9,500,000
8	Fuel & other monthly operational expenses for 4 x 4 Vigo Champ	Per Month	18	35,000	630,000
9	Insurance expenses for 4 x 4 Toyota Hilux Vigo Champ G	Per Year	2	142,500	285,000
10	Vehicles Jeep Suzuki Jimny including Registration	Nos.	4	2,645,000	10,580,000
11	Fuel & other monthly operational expenses for Suzuki Jimmy i/c tracker	Per Month	36	30,000	1,080,000
12	Insurance expenses for Suzuki Jimmy i/c tracker	Per Year	4	79,350	317,400
13	Physical Surveys (includes Equipment, Vehicles and Party Man-Months, Survey Assistants, Labour)	L.S	1	15,000,000	15,000,000
<b>Total : Reimbursable (Design Phase)</b>			<b>110</b>		<b>41,742,400</b>

### Breakdown of Reimbursable Expenses (SUPERVISION PHASE)

Sr. No.	Description	UNIT	QTY	Monthly Rate (PKR)	Total Amount (PKR)
1	Security Guards with Consultants (Ex-Army x 4 Nos.)	MMS	72	30,000	2,160,000
2	Communication cost between Consultants & Client	Month	18	25,000	450,000
3	Drafting, reproduction of reports, etc.	Month	18	25,000	450,000
4	Charges for computers, etc. (Through Construction Contracts)	N/A			
5	Geotech. Investigation (through Construction contracts)	N/A			
6	Vehicles 4x4 (through Construction contracts)	N/A			
7	Fuel & operational expenses (through Construction Contracts)	N/A			
8	Insurance expenses (Through Construction Contracts)	N/A			
9	Other vehicles (Through Construction Contracts)	N/A			
10	Fuel & Operational expenses (Through Construction Contracts)	N/A			
11	Insurance expenses (Through Construction Contracts)	N/A			
<b>Total : Reimbursable (Supervision Phase)</b>			<b>108</b>		<b>3,060,000</b>

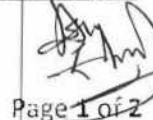
# KARACHI WATER & SEWERAGE BOARD

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

### Bid Evaluation Report

1. Name of Procuring Agency: Karachi Water and Sewerage Board
2. Tender Reference No: \_\_\_\_\_
3. Tender Description / Name of work / item: Detailed Design & Construction Supervision of  
Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi
4. Method of Procurement: Single Stage - Two Envelop System (Least Cost Selection  
Method) LCB
5. Tender Published: 9<sup>th</sup> April to 10<sup>th</sup> April 2016
  - a. Dawn (English) Dated: 9<sup>th</sup> April, 2016
  - b. Awami Awaz (Sindhi) Dated: 9<sup>th</sup> April, 2016
  - c. Jahan-e-Pakistan Dated: 9<sup>th</sup> April, 2016
  - d. Pakistan Observer, Dated: 9<sup>th</sup> April, 2016
  - e. Daily Dunia Dated: 10<sup>th</sup> April, 2016
  - f. Daily Jang Dated: 10<sup>th</sup> April, 2016
6. Total Bids documents Sold: 10 (Ten)
7. Total Bids Received: 05 (Five)
8. Technical Bid Opening date: (if applicable) May 02, 2016
9. No. of Bids technically qualified (if applicable): 02 (Two)
10. Bid(s) Rejected: 03 (Three)
11. Financial Bid Opening date: 13<sup>th</sup> July 2016







12. Bid Evaluation Report:

S No	Name of Firm of Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance / rejection	Remarks
1	2	3	4	5	6	
1	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants	220,213,408/-	1 <sup>st</sup>	4% of PC-I Cost	Accepted being Responsive & consistent with LOI/RFP Document	Lowest evaluated Bid
2	M/s. National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.	375,617,460/-	2 <sup>nd</sup>	6.8% of PC-I Cost	Accepted being Responsive & consistent with LOI/RFP Document	



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



**Asif Ali Khan**  
Dy. Project Manager (K-IV), KW&SB  
(Member)



**Akber Ali Brahmani**  
Dy. Secretary (Dev-II), Finance Deptt.,  
Govt. of Sindh (Member)



**Ghulam Muhammad Shaikh**  
Assistant Chief P&D Department,  
Government of Sindh (Member)



**Sikandar Ali Zardari**  
Project Director (65 MGD), KW&SB  
(CONVENER)

COST COMPARISON OF TECHNICALLY QUALIFIED FIRMSSUMMARY OF COST

Sr. No.	COST DESCRIPTION	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants	M/s. NESPAK in association with M/s. Techno Legal Consultants Pvt. Ltd.
		Quoted Amount (Rs.)	Quoted Amount (Rs.)
1	Remuneration (Design Phase)	48,820,104	64,821,600
	Reimbursable Expenses (Design Phase)	126,590,904	229,559,400
	<b>Sub Total : Design Phase</b>	<b>175,411,008</b>	<b>294,381,000</b>
2	Remuneration (Construction Phase)	41,742,400	33,092,000
	Reimbursable Expenses (Construction Phase)	3,060,000	2,016,000
	<b>Sub Total : Construction Phase (B)</b>	<b>44,802,400</b>	<b>35,108,000</b>
	<b>Financial Proposal (A+B)</b>	<b>220,213,408</b>	<b>329,489,000</b>
		inclusive of 15% SST	
	<b>Sindh Sales Tax (SST)</b>		<b>46,128,460</b>
	<b>Total Cost of Financial Proposal</b>	<b>220,213,408</b>	<b>375,617,460</b>

**COST COMPARISON OF TECHNICALLY QUALIFIED FIRMS**  
**Remuneration (Design Phase)**

Sr. No.	POSITION	QTY	Staff Input MM	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants		M/s. NESPAK in association with M/s. Techno Legal Consultants Pvt. Ltd.		
				Monthly Rate (PKR)	Total Amount (PKR)	Monthly Rate (PKR)	Total Amount (PKR)	
<b>A DETAILED DESIGNING CORE TEAM</b>								
1	Team Leader Water Supply Design	1	6	499,915	2,999,490	727,150	4,362,900	
2	Sr. Design Engineer (Hydraulics)	2	6	449,628	5,395,536	525,350	6,304,200	
3	Sr. Design Engineer (Electrical)	1	4	449,628	1,798,512	681,400	2,725,600	
4	Sr. Design Engineer (Mechanical)	1	4	449,628	1,798,512	525,350	2,101,400	
5	Contract Specialist	1	6	449,628	2,697,768	365,750	2,194,500	
6	Sr. Design Engineer (Structures)	2	6	449,628	5,395,536	727,150	8,725,800	
7	Sr. Professional (Environment)	1	6	349,053	2,094,318	727,150	4,362,900	
8	Sr. Geotech / Materials Engineer	1	6	349,053	2,094,318	681,400	4,088,400	
9	Sr. Professional (Surveys & GIS)	1	6	349,053	2,094,318	727,150	4,362,900	
	<b>Sub Total : A</b>	<b>11</b>	<b>50</b>		<b>26,368,308</b>		<b>39,228,600</b>	
<b>B DETAILED DESIGN SUPPORT TEAM</b>								
1	Design Engineer	2	6	298,766	3,585,192	371,000	4,452,000	
2	Jr. Design Engineer	2	6	198,191	2,378,292	290,000	3,480,000	
3	Senior Quantity Surveyor	1	6	198,191	1,189,146	165,000	990,000	
4	Junior Quantity Surveyor	1	6	124,239	745,434	150,000	900,000	
5	Junior GIS Professional	2	6	147,904	1,774,848	164,150	1,969,800	
6	Junior Survey Professional	4	6	147,904	3,549,696	140,850	3,380,400	
7	CAD Professional	2	6	147,904	1,774,848	164,150	1,969,800	
8	Computer Operator/Office Support Staff	10	6	124,239	7,454,340	140,850	8,451,000	
	<b>Sub Total : B</b>	<b>24</b>	<b>48</b>		<b>22,451,796</b>		<b>25,593,000</b>	
	<b>Total : B-2</b>	<b>35</b>	<b>98</b>		<b>48,820,104</b>		<b>64,821,600</b>	

*[Handwritten signatures and initials]*

**COST COMPARISON OF TECHNICALLY QUALIFIED FIRMS**  
**Remuneration (Supervision Phase)**

Sr. No.	POSITION	QTY	Staff Input MM	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants		M/s. Techno Legal Consultants Pvt. Ltd.		
				Monthly Rate (PKR)	Total Amount (PKR)	Monthly Rate (PKR)	Total Amount (PKR)	
<b>C CONSTRUCTION SUPERVISION (CORE TEAM)</b>								
1	Chief Project Manager	1	18	399,340	7,188,120	727,150	13,088,700	
2	Chief Resident Engineer	1	18	372,718	6,708,924	727,150	13,088,700	
3	Chief of Surveying & GIS	1	18	249,957	4,499,226	727,150	13,088,700	
4	Chief Materials Engineer	1	18	249,957	4,499,226	525,350	9,456,300	
	Sub Total : C	4	72		22,895,496		48,722,400	
<b>D CONSTRUCTION SUPERVISION TEAM</b>								
1	Senior Resident Engineer Civil	2	18	298,766	10,755,576	525,350	18,912,600	
2	Senior Resident Engineer E/M	1	18	298,766	5,377,788	290,000	5,220,000	
3	Resident Engineer Civil	4	18	249,957	17,996,904	371,000	26,712,000	
4	Resident Engineer E/M	1	18	249,957	4,499,226	290,000	5,220,000	
5	Material Engineer	1	18	199,670	3,594,060	290,000	5,220,000	
6	Assistant Resident Engineer (Civi	8	18	178,964	25,770,816	290,000	41,760,000	
7	Assistant Resident Engineer (E/M	2	18	178,964	6,442,704	290,000	10,440,000	
8	Senior Quantity Surveyor	1	18	149,383	2,688,894	165,000	2,970,000	
9	Junior Quantity Surveyor	2	18	99,096	3,567,456	150,000	5,400,000	
10	Site Inspector	12	18	79,868	17,251,488	218,350	47,163,600	
11	Surveyor	4	18	79,868	5,750,496	164,150	11,818,800	
	Sub Total : D	38	198		103,695,408		180,837,000	
	<b>TOTAL (C + D)</b>	<b>77</b>	<b>368</b>		<b>126,590,904</b>		<b>229,559,400</b>	

*[Handwritten signatures and initials]*



**COST COMPARISON OF TECHNICALLY QUALIFIED FIRMS****Reimbursable (Design Stage)**

Sr. No.	Description	UNIT	QTY	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants		M/s. NESPAK in association with M/s. Techno Legal Consultants Pvt. Ltd.	
				Monthly Rate (PKR)	Total Amount (PKR)	Monthly Rate (PKR)	Total Amount (PKR)
1	Security Guards with Consultants (Ex-Army x 4 Nos.) * for 6 Months	MMS	24	25,000	600,000	23,000	552,000
2	Communication cost between Consultants & Client	Month	6	25,000	150,000	10,000	60,000
3	Drafting, reproduction of reports, etc.	L.S	1	400,000	400,000	400,000	400,000
4	Computers (complete set) plus Printers & Softwares	Nos.	10	100,000	1,000,000	150,000	1,500,000
5	Laptop computers Apple Mac Book Pro-15 inch, 2.0 GHZ Quad Core Intel Core i-7 as approved by KW&SB	Nos.	2	100,000	200,000	150,000	300,000
6	Laboratory tests and Geo-tech Investigations (Design Stage)	L.S		2,000,000	2,000,000	4,500,000	4,500,000
7	Vehicles 4 x 4 Toyota Hilux Vigo Champ. G. Diesel, Made in Pakistan, including Registration, insurance & tracker	Nos.	2	4,750,000	9,500,000	3,600,000	7,200,000
8	Fuel & other monthly operational expenses for 4 x 4 Vigo Champ	Per Month	18	35,000	630,000	130,000	2,340,000
9	Insurance expenses for 4 x 4 Toyota Hilux Vigo Champ G	Per Year	2	142,500	285,000	160,000	320,000
10	Vehicles Jeep Suzuki Jimmy including Registration	Nos.	4	2,645,000	10,580,000	2,200,000	8,800,000
11	Fuel & other monthly operational expenses for Suzuki Jimmy i/c tracker	Per Month	36	30,000	1,080,000	100,000	3,600,000
12	Insurance expenses for Suzuki Jimmy i/c tracker	Per Year	4	79,350	317,400	130,000	520,000
13	Physical Surveys (includes Equipment, Vehicles and Party Man-Months, Survey Assistants, Labour)	L.S	1	15,000,000	15,000,000	3,000,000	3,000,000
	<b>Total : Remuneration Design Stage</b>		<b>110</b>		<b>41,742,400</b>		<b>33,092,000</b>





# KARACHI WATER & SEWERAGE BOARD

Office of the Secretary (Consultant Selection Committee)

## Additional 65 MGD Water Supply Project

9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi, Block B, KW&SB Tel No: 992-21-992451/30

No. KW&SB/Secy/65MGD/2016/36/L

Dated: 12 July, 2016

To,

1. **Mr. Sikandar Ali Zardari**  
Project Director (65 MGD Project), KW&SB Convener
2. **Mr. Akber Ali Brahmani**  
Dy. Secretary (Dev-II), Finance Deptt. GOS Member
3. **Mr. Ghulam Muhammad Shaikh**  
Assistant Chief P&D Department, GOS Member
4. **Mr. Asif Ali Khan**  
Deputy Project Manager (K-IV), KW&SB Member
5. **Mr. Iqbal Paleejo**  
Executive Engineer (Haleji Canal), KW&SB Member /  
Secretary
6. **Syed Adil Gilani**  
Representative of Transparency International Pakistan (TIP) Observer

### MINUTES OF MEETING

**Sub: Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi**

Enclosed please find herewith the minutes of meeting held in the Committee Room, M.D Secretariat, Block-D, 9<sup>th</sup> Mile, KW&SB, on Wednesday, the 13<sup>th</sup> of July 2016, regarding the opening of Financial Proposals of the technically qualified Consultancy Firms for "Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi" for your perusal and record please.

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

**Copy to :-**

✓ M/s. SPPRA, GOS

13th July 2016

## KARACHI WATER & SEWERAGE BOARD

### OPENING OF FINANCIAL PROPOSALS

*Detailed Design & Construction Supervision of  
Additional 65 MGD Water Supply Scheme  
from Haleji to Pipri, Karachi*

### MINUTES OF THE MEETING

A meeting for the opening of Financial Proposals submitted by the technically qualified Consultancy Firms for the Detailed Design and Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi was held in the Committee Room, M.D Secretariat, Block-D, 9th Mile KW&SB on Wednesday, the 13th July 2016 under the Chairmanship of Project Director (65 MGD Project) / Convenor, Consultant Selection Committee.

The list of participants is attached as Annexure – A.

The meeting started with the recitation of Holy Quran followed by the words of welcome from the Project Director (65 MGD Project) / Convenor, Consultant Selection Committee, who then elaborated the importance of 65 MGD Project as well as the procedure adopted during the Evaluation of Technical Proposals submitted by the Consultancy Firms.

Afterwards, the sealed Financial proposals were shown to the participants and were opened accordingly. Out of the five (05) Financial Proposals, the Proposals of following two (02) technically qualified Consultancy Firms were opened / unsealed, publicly announcing the details of their Bid Security and



quoted Bid Price of Financial Proposals. The Financial Proposals of M/s. Velosi Integrity & Safety Pakistan (Pvt) Ltd, M/s. B M Consulting Engineers (Pvt.) Ltd. and M/s. Asian Consulting Engineers (Pvt) Ltd, being technically unqualified Consultancy Firms, were kept in safe custody unopened / unsealed for returning back to them :-

Sr. No.	Name of Engineering Firm	Announced Bid Price of Financial Proposal
01	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants	Rs. 257,094,640/- (Rupees Two Hundred Fifty Seven Million Ninety Four Thousand Six Hundred Forty only)
02	M/s. National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.	Rs. 449,871,645/- (Rupees Four Hundred Forty Nine Million Eight Hundred Seventy One Thousand Six Hundred Forty Five only)

The original Financial Proposals of the two (02) technically qualified Consultancy Firms were then duly signed by all Members of the Procurement Committee, while the proceedings for the opening of Financial Proposals of the technically qualified Consultancy Firms was duly witnessed by the representative of M/s. Transparency International Pakistan (TIP).

The original Financial Proposals of the Consultancy Firms were handed over to the Secretary of Consultants Selection Committee, to start evaluation process for finalizing the selection of Consultancy Firm for the Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

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

**OPENING OF FINANCIAL PROPOSALS**13<sup>th</sup> July 2016***DETAILED DESIGN & CONSTRUCTION SUPERVISION OF  
ADDITIONAL 65 MGD WATER SUPPLY SCHEME  
FROM HALEJI TO PIPRI, KARACHI*****LIST OF PARTICIPANTS****CONSULTANT SELECTION COMMITTEE**

- |    |   |                       |
|----|---|-----------------------|
| 1. | Mr. Sikandar Ali Zardari<br>Project Director (65 MGD Project), KW&SB            | Convenor              |
| 2. | Mr. Akber Ali Brahmani<br>Dy. Secretary (Dev-II), Finance Deptt. GOS            | Member                |
| 3. | Mr. Ghulam Muhammad Shaikh<br>Assistant Chief P&D Department, GOS               | Member                |
| 4. | Mr. Asif Ali Khan<br>Deputy Project Manager (K-IV), KW&SB                       | Member                |
| 5. | Mr. Iqbal Paleejo<br>Executive Engineer (Haleji Canal), KW&SB                   | Member /<br>Secretary |
| 6. | Syed Adil Gilani<br>Representative of Transparency International Pakistan (TIP) | Observer              |

**CONSULTANTS****M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants**

- |    |                    |                     |
|----|--------------------|---------------------|
| 1. | Syed Munawar Zaman | Sr. Design Engineer |
|----|--------------------|---------------------|

**M/s. National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.**

- |    |                 |                 |
|----|-----------------|-----------------|
| 1. | Ms. Abida Farah | Senior Engineer |
|----|-----------------|-----------------|

# **KARACHI WATER & SEWERAGE BOARD**



## **TECHNICAL EVALUATION REPORT**

on

**Detailed Design &  
Construction Supervision**

**Additional 65 MGD Water Supply  
Scheme from Haleji to Pipri**

June 2016

**KARACHI WATER & SEWERAGE BOARD****Additional 65 MGD Water Supply Scheme  
from Haleji to Pipri, Karachi****TABLE OF CONTENTS**

<b>S.NO</b>	<b>DESCRIPTION</b>	<b>PAGE NO</b>
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### **Executive Summary**

The Members of the Consultant Selection Committee constituted for the Evaluation of Technical Proposals of the Consultancy Firms for Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi carried out the task assigned to them as per the approved L.O.R. The process was conducted through several meetings of the Committee, wherein thorough discussions / deliberations were carried out to evaluate the proposals in detail, and accordingly scores / marks were awarded to each Consultancy Firm, which are summarized as under:-

Sr. No.	Name of the Firm	Score	Status
1.	M/s.Velosi Integrity & Safety Pakistan (Pvt.) Ltd.	44.230	Fail
2.	M/s. Asian Consulling Engineers (Pvt.) Ltd.	66.270	Fail
3.	M/s. B.M Consulling Engineers (Pvt.) Ltd.	22.560	Fail
4.	M/s. EA Consulling Pvt. Ltd. in association with M/s. JERS Engineering Consultants	74.440	Pass
5.	M/s.National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.	70.560	Pass

After having determined the compatibility and consistency of the Technical Proposals with the L.O.I / R.F.P Documents, two (02) Engineering Firms / Consortia are found eligible to take part in the Financial Bidding for the assignment of Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. The Financial Proposals of the technically approved Consultancy Firms will be unsealed in presence of the respective firm's representatives on the date and time to be announced later on.

The selection of the Consultants is carried out strictly in accordance with approved selection procedure contained in SPPRA Rules 2010.

The analysis of every individual proposal is discussed in brief under **Section - 4** of this report, with details of marks distribution exhibited in Table - I of the report.

SECTION – I

1.1 **Background**

The services of an Engineering Firm is required for the Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi in order to execute the Design / Construction Supervision and other tasks as per KW&SB requirements.

Accordingly, the KW&SB published Request for Proposals (RFP) in the press inviting the Engineering Firms to submit their Technical and Financial Proposals for performing the Engineering Services for Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. Subsequently, LOI / Proposal Documents were issued to Ten (10) Engineering Firms in accordance to SPPRA Rules 2010, out of which, five (05) Engineering Firms / Consortia submitted their Technical and Financial Proposals.

All the five Engineering Firms / Consortia submitted their Technical & Financial Proposals by 02<sup>nd</sup> May 2016.

1.2 **Evaluation Criteria**

An Evaluation Criteria was included in the L.O.I / R.F.P Document, which was duly approved by the Competent Authority for carrying out the evaluation of Technical & Financial Proposals submitted by Engineering Firms. The maximum marks allocated are 100 and the firms, who obtains minimum of 70% marks will be eligible for the opening of their Financial Proposals as per SPPRA Rules 2010 for the selection of Engineering Firms.

The distribution of the marks as per the Criteria under Section – 10 of the L.O.I/ R.F.P Document are as follows: -

**Table: 1**

Section	Category	Maximum Marks
Section – I	SPECIFIC EXPERIENCE OF THE CONSULTANTS RELEVANT TO THE ASSIGNMENT	10
Section – II	ADEQUACY OF THE PROPOSED TECHNICAL APPROACH, METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE	50
Section – III	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR THE ASSIGNMENT (DESIGN TEAM EXPERTS)	30
Section – IV	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR ASSIGNMENT (SUPERVISION TEAM)	10

**Mandatory Requirements**

- i) Expert of Pakistan Origin are required to have completed PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- ii) For the Key Professional Staff (Design & Construction Supervision Team) (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

## SECTION - 2

**SUBMISSION OF FIRM'S PROPOSALS  
(TECHNICAL & FINANCIAL)**

The KW&SB adopted Two envelopes system for the submission of Technical and Financial Proposals by the Engineering Firms. Accordingly, the Engineering Firms submitted their proposals with one Technical Proposal in original alongwith two copies, and one original sealed Financial Proposal.

The following Engineering Firms / Consortia have submitted their proposals on or by the last date of proposal submission:-

Sr. No.	NAME OF THE FIRM
1.	M/s.Velosi Integrity & Safety Pakistan (Pvt.) Ltd.
2.	M/s. Asian Consulting Engineers (Pvt.) Ltd.
3.	M/s. B.M Consulting Engineers (Pvt.) Ltd.
4.	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants
5.	M/s.National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.

**Technical Proposals**

The proposals received by KW&SB were opened in the presence of Consultant Selection Committee on 02<sup>nd</sup> May, 2016, in accordance with the Terms & Conditions of the LOI / R.F.P Document. The Technical proposals of each of the five (05) Engineering Firms were presented to all the members of the Consultant Selection Committee for the purpose of review and evaluation.

**Financial Proposals**

The sealed Financial Proposals of all Five (05) Engineering Firms submitted alongwith the Technical Proposals were kept in the office of Project Director (65 MGD) for safe custody and opening of the same, after approval of the results of Technical Proposals.

SECTION - 3

3.1 Formulation of Consultants Selection Committee

The Managing Director, KW&SB constituted a Consultants Selection Committee for the purpose of evaluating the Technical Proposals submitted by the Engineering Firms. Later on, the Consultants Selection Committee was reconstituted on 6<sup>th</sup> April 2016, which comprises of the following members:-

1. Mr. Sikandar Ali Zardari	Project Director (65 MGD Project), KW&SB	(Convener)
2. Mr. Moazzam Ali Maree	Dy. Secretary (Dev-II), Finance Deptt. GOS	Member
3. Mr. Ghulam Muhammad Shaikh	Assistant Chief P&D Department. GOS	Member
4. Mr. Asif Ali Khan	Deputy Project Manager (E-IV), KW&SB	Member
5. Mr. Iqbal Paleejo	Executive Engineer (Haleji Canal), KW&SB	Member/ Secretary

Later on, the representative of Finance Department, GOS, Mr. Moazzam Ali Maree, was substituted by Mr. Akber Brihmani upon his posting as Dy. Secretary (Dev-II), Finance Deptt. GOS. The Committee held various meetings for the Evaluation of the Technical Proposals from time to time. All members of the Consultant Selection Committee carried out the assessment of the firm's proposals 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.

The system for the allocation of marks as per Section - 10 of L.O.I / R.F.P Document is adopted and the status on the basis of marks obtained by the respective firms is represented as under :-

Sr #	Name of the Firm	Marks obtained	Status
1.	M/s.Velosi Integrity & Safety Pakistan (Pvt.) Ltd.	44.230	Fail
2.	M/s. Asian Consulting Engineers (Pvt.) Ltd.	66.270	Fail
3.	M/s. B.M Consulting Engineers (Pvt.) Ltd.	22.560	Fail
4.	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants	74.440	Pass
5.	M/s.National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.	70.560	Pass

Two (02) Engineering Firms / Consortia are passed and found eligible to take part in the opening of Financial Proposals publicly on the date and time approved by the Competent Authority, being consistent and responsive to the requirement of Section-10 of L.O.I / R.F.P Document.



SECTION - 4

**ANALYSIS OF THE PROPOSALS**

The Technical Proposals submitted by the Consultancy Firms for the Detailed Design and Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi, were examined and analyzed thoroughly and independently in accordance with the Evaluation Criteria exhibited under Section-10 of the RFP Document, after which the summarized report incorporating the details individually for every proposal was prepared and is presented as under:

**ANALYSIS OF PROPOSAL-1**

**4.1**

Engineering Firm: **M/s.Velosi Integrity & Safety Pakistan (Pvt.) Ltd.**  
 Consortium Partner: **None**  
 Address: **401, 4th Floor Business Centre, Plot # 19-A-1, Block-6, P.E.C.H.S Society, Karachi**  
 Submittal: a) Original (3 Volumes) + Two Copies  
 b) Sealed Financial Proposal (One Original)

**General:**

M/s.Velosi Integrity & Safety Pakistan (Pvt.) Ltd. is a local Pakistani Engineering firm who has submitted the Technical Proposal for 65 MGD Project as a single entity. The firm has submitted its Technical and Financial proposals vide letter dated: 2<sup>nd</sup> May 2016.

The information as contained in the Technical Proposal has been checked for completeness, clarity and conformity to the T.O.R.

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

- Approach of proposal presentation is reasonable and complies marginally to the requirements of RFP Document.
- The firm has not submitted any comments or suggestions on TOR and agrees to the TOR as contained in the RFP Document.

The proposal has been examined closely in accordance with Section-10 of the R.F.P. Document, the details of which is demonstrated as follows:

**1. Specific Experience of the Consultants Relevant to the Assignment**

The firm has submitted complete description of the relevant works completed or in hand during last 10 years which are mostly abroad. The firm has stated that their team member was involved in the Design and Supervision of these works, however the Consultancy Services of these works cannot be credited to M/s. Velosi Integrity Services, since only their team member was involved in the services. Hence, the firm possesses no relevant experience.

The firm has not been able to achieve the requirement of specific experience in Section - I as per the laid down Evaluation Criteria.

2. Adequacy of the Proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference

a. ***Understanding of the Scope of Work and Design Considerations of Additional 65 MGD Bulk Water Supply Scheme. (Detailed Description)***

The technical proposal submitted by the firm do not cover clear understanding of the scope of work and other features concerning the project but includes specific discussion of E.W&S<sup>2</sup> existing Bulk Water Supply System. The firm lacks sound knowledge and understanding of the existing water supply system of Karachi supported by relevant details related to the water conveyance system, pumping stations, reservoirs and filter plants currently linked with the water supply of the city. The firm has not been able to clearly understand the scope of work as indicated in the R.F.P Document and also lacks clear understanding of the project.

The firm has not shown a well defined approach towards the scope of work of the Project, no inter relating of relevant issues with the design strategy, has been elaborated in line with Section 10 of R.F.P Document. The overall project understanding of the firm has been found poor and of ordinary standards.

b. ***Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme and its Design and Supervision Stages.***

The firm has not been able to clearly understand the scope of work as indicated in the R.F.P Document and also lacks clear understanding to indicate the suggestions to overcome the time constraints in order to complete the assignment of Detailed Designing and Construction Supervision of the Project within the allotted time slot.

The firm is unable to understand the significance of time factor for the overall completion of the assignment related to Design and Construction Supervision of 65 MGD Project and has failed to cover this aspect under his technical proposal.

c. ***Specialized Services, Skills and Access to Particular Technologies of a Consultant, and his Approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme***

The approach proposed by the firm to execute the consultancy assignment lacks any kind of innovative steps and Specialized Services, where emphasis has been made on customized quality control techniques but particular technologies to be adopted for Designing the Project has been missing. The Design approach adopted by the firm is very sketchy and lacks important features mandatory for designing a project of such magnitude, whereas in the Construction Supervision Phase, the firm fails to highlight the measures that ensures the completion of works through specialized skills. Conclusively, the ideology of Specialized Services, Skills and access to Particular Technologies for the Design and Construction Supervision highlighted by the firm is of average standard.

**d. *Technical Approach & Methodology of the Detailed Engineering Design and its various Components***

The Technical approach and Methodology of the detailed Engineering design proposed by the firm is based on a relatively average standard. The Methodology proposed by the firm contains some innovative steps but emphasis has been made on Quality Assurance techniques, ignoring the survey aspect and particular technologies to be adopted for Designing the Project. The Design approach adopted by the firm is very sketchy, and lacks a comprehensive technical approach essential for Designing such a project. Conclusively, the ideology of Methodology and Technical Approach for the Design of the Project, as highlighted by the firm is of average standard.

**e. *Methodology of Construction Supervision and its various Components***

The approach of Methodology of the Construction Supervision proposed by the firm is based on a relatively average standard. The Methodology proposed by the firm contains few advance features but emphasis has been made on Quality Assurance techniques, ignoring the aspect of particular technologies to be adopted for the Construction Supervision of the Project. The Methodology of Construction Supervision adopted by the firm is very vague and lacks a comprehensive technical approach. Conclusively, the ideology of Methodology and Technical Approach for the Construction Supervision of the Project, as highlighted by the firm is of average standard.

**f. *Work Plan: for Submittals & Deliverables Matching with the Work Plan. Logical Sequence of Tasks and Coverage of all Principal Activities Envisaged by the Engineering Firms with respect to the TOR***

The firm has provided an imprecise Work Programme lacking most of the Design and Construction activities. The identification and explanation for most of the Design and Construction Supervision Stages is also missing from the Work Plan.

On the whole, the Work Plan submitted by the firm is of average standard but lacks the rational and consistency to the plan for submittals and deliverables as envisaged in the TOR.

**g. *Organization & Staffing Manning Schedule for both Design & Supervision***

The Organization and Staffing Manning Schedule submitted by the firm is not in consistency with the proposed Work Plan of the firm and the Man-Months proposed by the KW&SB. The Manning Schedule highlighting the Man-Months of the individual staff proposed for the Project has been submitted by the firm.

**h. *Activity Schedule displaying each and every Activity by Bar Chart***

The firm has submitted a detailed Activity Schedule covering activities pertaining to the Design & Construction Supervision of 65 MGD Project to a larger extent. The schedule of activities submitted by the firm marginally synchronizes with the Project Design period and Construction Supervision period indicating most of the activities with their commencement and conclusion dates represented through Bar Charts.

Overall presentation of the Activity Schedule submitted by the firm is of average standard and covers the requirements outlined in the Proposal Document.

i. **Quality Management System covering Complexity of the Assignment with assured best Standard Quality**

The firm has proposed the Quality Management System based on an average professional approach. The system proposed by the firm contains different steps, which are not in consistence with the Project requirement and is of average standard.

3. **Key Professional Staff**

**Qualification and Competence for the Assignment (Design Team)**

The Team of Key Professional Staff proposed by the firm for carrying out the Design of 65 MGD Project is generally well qualified but possesses average relevant experience of working on a Bulk Water Supply Project similar to 65 MGD Project and do not have ample experience of working under similar environment and conditions.

4. **Key professional staff**

**Qualification and Competence for the Assignment (Supervision Team)**

The Team of Key Professional Staff proposed by the firm for Construction Supervision Phase of 65 MGD Project comprises mostly of Graduates having Batchelor Degree in their relevant field of experience. Most of the key Staff proposed by the firm possesses marginally good experience of working on Construction Supervision of a Bulk Water Supply Project and under similar working conditions. The C.V of Senior Resident Engineer - (Civil) 01, has not been provided by the firm.

5. **Mandatory Requirements**

a. **Phd or Masters Degree from Foreign Universities**

*The firm has not proposed any Key Personnel having Phd Degree from Foreign University in its Design Team.*

*The firm has proposed five (05) Key Personnel having Masters Degree from Foreign Universities in its Design Team.*

*The firm has proposed four (04) Key Personnel having Masters Degree from Foreign Universities in its Construction Supervision Team*

b. **Permanent Employment Certificate with the firm for atleast one (01) year**

*The firm has submitted the Permanent Employment Certificate of all Proposed Key Professional Staff in its Technical Proposal.*



**Assessment**

The assessment of the firm is tabulated as under:

Category	Maximum Marks	Marks obtained
Specific Experience of the Consultant relevant to the Assignment	10	00.000
Adequacy of the proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference	50	19.000
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Design Team)	30	18.900
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Supervision Team)	10	6.330
<b>Total Marks</b>	<b>100</b>	<b>44.230</b>

Note

Due to non submission of Permanent Employment Certificate, only 50% of scored marks are awarded to Key Professional Staff.

Minimum passing marks = 70% or above on aggregate basis with atleast 1/3 marks in each Section.

**Conclusion**

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

## ANALYSIS OF PROPOSAL-2

### 4.2

Engineering Firm:	M/s. Asian Consulling Engineers (Pvt.) Ltd.
Consortium Partner:	None
Address:	C-03, Jhelum Block, Green Forts-2, Canal Bank Road, Lahore.
Submittal:	a) One Original + Two Copies b) Sealed Financial Proposal (One Original)

#### General:

M/s. Asian Consulling Engineers (Pvt.) Ltd. is a local Pakistani Engineering firm who has submitted the Technical Proposal for 65 MGD Project as a single entity. The firm has submitted its Technical and Financial proposals vide letter No. AsCE/T&F/670, dated: April 29, 2016.

The information as contained in the Technical Proposal has been checked for completeness, clarity and conformity to the T.O.R.

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

- Approach of proposal presentation marginally complies to the requirement of RFP Document.
- The firm has submitted the comments and suggestions on TOR, Counterpart Staff and facilities to be provided by the Client and has highlighted certain issues, which in his view are anomalies as contained in the RFP Document.

The proposal has been examined closely in accordance with Section-10 of the R.F.P. Document, the details of which is demonstrated as follows:-

#### 1. Specific Experience of the Consultants Relevant to the Assignment

The firm has submitted complete description of the relevant works completed or in hand during last 10 years in Pakistan or abroad costing Rs. 1.00 Billion or above and has stated to complete the Design & Construction Supervision of more than 5 projects relevant to the assignment.

The firm has successfully achieved the requirement of specific experience in Section – I as per the laid down Evaluation Criteria.

#### 2. Adequacy of the Proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference

##### a. Understanding of the Scope of Work and Design Considerations of Additional 65 MGD Bulk Water Supply Scheme, (Detailed Description)

The technical proposal submitted by the firm marginally covers clear understanding of the scope of work and other features concerning the project but includes specific discussion of EW&SB's existing Bulk Water Supply System. The firm has represented understanding of the Design requirements for the Project which are generic in nature. The firm has not been able to clearly understand the scope of work as indicated in the R.F.P. Document.

The firm has not shown a well defined approach to conduct the scope of work of the Project, no inter relating of relevant issues with the design strategy has been elaborated in line with Section 10 of R.F.P Document. The overall project understanding of the firm has been found average and of ordinary standards.

**b. *Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme and its design and supervision stages.***

The firm has not been able to clearly understand the scope of work as indicated in the R.F.P Document and also lacks clear understanding to indicate the suggestions to overcome the time constraints in order to complete the assignment of Detailed Designing and Construction Supervision of the Project within the allotted time slot.

The firm is unable to understand the significance of time factor for the overall completion of the assignment related to Design and Construction Supervision of 65 MGD Project and has failed to cover this aspect under his technical proposal.

**c. *Specialized Services, Skills and Access to Particular Technologies of a Consultant, and his Approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme***

The approach proposed by the firm to execute the consultancy assignment lacks any kind of innovative steps and Specialized Services, where emphasis has been made on customized Design techniques but particular technologies to be adopted for Designing the Project has been missing. The Design approach adopted by the firm is very sketchy and lacks important features mandatory for designing a project of such magnitude, whereas in the Construction Supervision Phase, the firm fails to highlight the measures that ensures the completion of works through specialized skills. Conclusively, the ideology of Specialized Services, Skills and access to Particular Technologies for the Design and Construction Supervision highlighted by the firm is of average standard.

**d. *Technical Approach & Methodology of the Detailed Engineering Design and its various Components***

The Technical approach and Methodology of the detailed Engineering design proposed by the firm is based on a relatively average standard. The Methodology proposed by the firm contains no innovative steps but emphasis has been made on customized Design techniques, ignoring the particular technologies to be adopted for Designing the Project. The Design approach adopted by the firm is very sketchy and lacks a comprehensive technical approach essential for Designing such a project. Conclusively, the ideology of Methodology and Technical Approach for the Design of the Project, as highlighted by the firm is of average standard.

**e. *Methodology of Construction Supervision and its various Components***

The approach of Methodology of the Construction Supervision proposed by the firm is based on a relatively average standard. The Methodology proposed by the firm contains no concrete steps, ignoring the aspect of particular technologies to be adopted for the Construction Supervision of the Project. The Methodology of Construction Supervision adopted by the firm is very vague and lacks a comprehensive technical approach. Conclusively, the ideology of Methodology and Technical Approach for the Construction Supervision of the Project, as highlighted by the firm is of average standard.

f. **Work Plan: for Submittals & Deliverables Matching with the Work Plan. Logical Sequence of Tasks and Coverage of all Principal Activities Envisaged by the Engineering Firms with respect to the TOR**

The firm has provided an imprecise Work Programme lacking most of the Design and Construction activities. The identification and explanation for most of the Design and Construction Supervision Stages is also missing from the Work Plan.

On the whole, the Work Plan submitted by the firm is of average standard and lacks the rational plus consistency to the plan for submittals and deliverables as envisaged in the TOR.

g. **Organization & Staffing Manning Schedule for both Design & Supervision**

The Organization and Staffing Manning Schedule submitted by the firm is not in consistency with the proposed Work Plan of the firm and the Man-Months proposed by the KW&SB. The Manning Schedule highlighting the Man-Months of the individual staff proposed for the Project has been submitted by the firm.

h. **Activity Schedule displaying each and every Activity by Bar Chart**

The firm has submitted a detailed Activity Schedule covering activities pertaining to the Design & Construction Supervision of 65 MGD Project to some extent. The schedule of activities submitted by the firm do not synchronizes with the Project Design period and Construction Supervision period but mentions the commencement and conclusion dates which is represented through Bar Chart.

Overall presentation of the Activity Schedule submitted by the firm is of average standard.

i. **Quality Management System covering Complexity of the Assignment with assured best Standard Quality**

The firm has proposed the Quality Management System based on an average professional approach. The system proposed by the firm contains different steps, which are not in consistence with the Project requirement and is of average standard.

3. **Key Professional Staff**

**Qualification and Competence for the Assignment (Design Team)**

The Team of Key Professional Staff proposed by the firm for carrying out the Design of 65 MGD Project is generally well qualified and possesses good relevant experience of working on a Bulk Water Supply Project similar to 65 MGD Project and have ample experience of working under similar environment and conditions.

4. **Key professional staff**

**Qualification and Competence for the Assignment (Supervision Team)**

The Team of Key Professional Staff proposed by the firm for Construction Supervision Phase of 65 MGD Project comprises of a number of Master Degree Holders in their relevant field of experience. Most of the Key Staff proposed by the firm possesses good experience of working on Construction Supervision of a Bulk Water Supply Scheme and under similar working conditions.



**5. Mandatory Requirements**

**a. P.hd or Maslers Degree from Foreign Universities**

The firm has proposed five (05) Key Personnel holding a B.Sc. Degree from Foreign Universities in its Design Team.

The firm has proposed four (04) Key Personnel holding Masters Degree from Foreign Universities in its Design Team.

The firm has proposed five (05) Key Personnel holding a B.Sc. Degree from Foreign Universities in its Supervision Team.

**b. Permanent Employment Certificate with the firm for atleast one (01) year**

The firm has submitted the Permanent Employment Certificate for all Key Professional Staff of all positions.

### Assessment

The assessment of the firm is tabulated as under:-

Category	Maximum Marks	Marks obtained
Specific Experience of the Consultant relevant to the Assignment	10	10.00
Adequacy of the proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference	50	20.00
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Design Team)	30	26.640
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Supervision Team)	10	9.630
<b>Total Marks</b>	<b>100</b>	<b>66.270</b>

### Note

Minimum passing marks = 70% or above on aggregate basis with atleast 1/3 marks in each Section.

### Conclusion

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

### ANALYSIS OF PROPOSAL-3

#### 4.3

Engineering Firm:	M/s. B.M Consulting Engineers (Pvt.) Ltd.
Consortium Partner:	None
Address:	Office No.5, 4th Floor, Dean Arcade, Plot No.DC-4, Block-8, Clifton, Karachi
Submittal:	a) One Original + Two Copies b) Sealed Financial Proposal (One Original)

#### General:

M/s. B.M Consulting Engineers (Pvt.) Ltd. is a local Pakistani Engineering firm who has submitted the Technical Proposal for 65 MGD Project as a single entity. The firm has submitted its Technical and Financial proposals vide letter No. BMCE/251/2016, dated: 2<sup>nd</sup> May 2016.

The information as contained in the Technical Proposal has been checked for completeness, clarity and conformity to the T.O.R.

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

- Approach of proposal presentation is reasonable and complies marginally to the requirements of RFP Document.
- The firm has not submitted any comments or suggestions on TOR and agrees to the TOR as contained in the RFP Document.

The proposal has been examined closely in accordance with Section-10 of the R.F.P. Document, the details of which is demonstrated as follows:-

#### 1. Specific Experience of the Consultants Relevant to the Assignment

The firm has submitted complete description of the relevant works completed or in hand during last 10 years. However, these works possess no relevance with the works envisage to be carried out under 65 MGD Project. Hence, the firm possesses no relevant experience.

The firm has failed to achieve the requirement of specific experience in Section-I as per the laid down Evaluation Criteria.

**2. Adequacy of the Proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference****a. Understanding of the Scope of Work and Design Considerations of Additional 65 MGD Bulk Water Supply Scheme. (Detailed Description)**

The technical proposal submitted by the firm do not covers clear understanding of the scope of work and other features concerning the project but includes specific discussion of the Scope of Work as mentioned in the R.F.P Document. The firm lacks sound knowledge and understanding of the existing water supply system of Karachi supported by relevant details related to the water conveyance system, pumping stations, reservoirs and filter plants currently linked with the water supply of the city. The firm has not been able to clearly understand the scope of work as indicated in the R.F.P Document and also lacks clear understanding of the project.

The firm has not shown a well defined approach towards the scope of work of the Project, no inter relating of relevant issues with the design strategy has been elaborated in line with Section 10 of R.F.P Document. The overall project understanding of the firm has been found poor and of ordinary standards.

**b. Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme and its Design and Supervision Stages.**

The firm has not been able to clearly understand the scope of work as indicated in the R.F.P Document and also lacks clear understanding to indicate the suggestions to overcome the time constraints in order to complete the assignment of Detailed Designing and Construction Supervision of the Project within the allotted time slot.

The firm is unable to understand the significance of time factor for the overall completion of the assignment related to Design and Construction Supervision of 65 MGD Project and has failed to cover this aspect under his technical proposal.

**c. Specialized Services, Skills and Access to Particular Technologies of a Consultant, and his Approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme**

The approach proposed by the firm to execute the consultancy assignment lacks any kind of innovative steps and Specialized Services where no emphasis has been made on the particular technologies to be adopted for Designing the Project, which has been missing. The Design approach adopted by the firm is very sketchy and lacks important features mandatory for designing a project of such magnitude, whereas in the Construction Supervision Phase, the firm fails to highlight the measures that ensures the completion of works through specialized skills. Conclusively, the ideology of Specialized Services, Skills and access to Particular Technologies for the Design and Construction Supervision highlighted by the firm is of average standard.

d. **Technical Approach & Methodology of the Detailed Engineering Design and its various Components**

The Technical approach and Methodology of the detailed Engineering design proposed by the firm is based on a relatively average standard. The Methodology proposed by the firm contains no innovative steps, ignoring the survey aspect and particular technologies to be adopted for Designing the Project. The Design approach adopted by the firm is very sketchy and lacks a comprehensive technical approach essential for Designing such a project. Conclusively, the ideology of Methodology and Technical Approach for the Design of the Project, as highlighted by the firm is of average standard.

e. **Methodology of Construction Supervision and its various Components**

The approach of Methodology of the Construction Supervision proposed by the firm is based on a relatively average standard. The Methodology proposed by the firm does not contain any advance features, ignoring the aspect of particular technologies to be adopted for the Construction Supervision of the Project. The Methodology of Construction Supervision adopted by the firm is very vague and lacks a comprehensive technical approach. Conclusively, the ideology of Methodology and Technical Approach for the Construction Supervision of the Project, as highlighted by the firm is of average standard.

f. **Work Plan: for Submittals & Deliverables Matching with the Work Plan. Logical Sequence of Tasks and Coverage of all Principal Activities Envisaged by the Engineering Firms with respect to the TOR**

The firm has provided an imprecise Work Programme lacking most of the Design and Construction activities. The identification and explanation for most of the Design and Construction Supervision Stages is also missing from the Work Plan.

On the whole, the Work Plan submitted by the firm is of average standard but lacks the rational and consistency to the plan for submittals and deliverables as envisaged in the TOR.

g. **Organization & Staffing Manning Schedule for both Design & Supervision**

The Organization and Staffing Manning Schedule submitted by the firm is not in consistency with the proposed Work Plan of the firm and the Man-Months proposed by the KW&SB. The Manning Schedule highlighting the Man-Months of the individual staff proposed for the Project has not been submitted by the firm.

h. **Activity Schedule displaying each and every Activity by Bar Chart**

The firm has submitted an imprecise Activity Schedule not covering the activities pertaining to the Design & Construction Supervision of 65 MGD Project to a larger extent. The Work Schedule submitted by the firm represent only the Man-Months, which in no way synchronizes with the Project Design & Construction Supervision Period.

Overall presentation of the Activity Schedule submitted by the firm is of poor standard and lacks the requirements outlined in the Proposal Document.



i. **Quality Management System covering Complexity of the Assignment with assured best Standard Quality**

The firm has proposed the Quality Management system based on an average professional approach. The system proposed by the firm is not in consistence with the Project requirement and is of average standard.

**3. Key Professional Staff**

**Qualification and Competence for the Assignment (Design Team)**

The Team of Key Professional Staff proposed by the firm for carrying out the Design of 65 MGD Project is generally unqualified and possesses average relevant experience of working on a Bulk Water Supply Project similar to 65 MGD Project and do not have ample experience of working under similar environment and conditions.

**4. Key professional staff**

**Qualification and Competence for the Assignment (Supervision Team)**

The Team of Key Professional Staff proposed by the firm for Construction Supervision Phase of 65 MGD Project comprises mostly of graduates having Batchelor Degree in their relevant field of experience. Most of the Key Staff proposed by the firm possesses marginally good experience of working on Construction Supervision of a Bulk Water Supply Project and under similar working conditions.

**5. Mandatory Requirements**

**a. P.hd or Masters Degree from Foreign Universities**

*The firm has not proposed any Key Personnel having Ph. D Degree from Foreign Universities in its Design Team.*

*The firm has proposed five (05) Key Personnel having Masters Degree in its Design Team.*

*The firm has proposed only one (01) Key Personnel having Masters Degree in its Construction Supervision Team.*

**b. Permanent Employment Certificate with the firm for atleast one (01) year**

*The firm has not submitted the Permanent Employment Certificates of all positions for the proposed Key Professional Staff of Design and Construction Supervision Teams.*

**Assessment**

The assessment of the firm is tabulated as under:

Category	Maximum Marks	Marks obtained
Specific Experience of the Consultant relevant to the Assignment	10	00.00
Adequacy of the proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference	50	16.000
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Design Team)	30	5.220
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Supervision Team)	10	1.340
<b>Total Marks</b>	<b>100</b>	<b>22.560</b>

**Note**

Due to non submission of Permanent Employment Certificate, only 50% of scored marks are awarded to Key Professional Staff for all positions.

- i) Key Professional Staff (Design) =  $10.440 \div 2 = 5.220$
- ii) Key Professional Staff (Supervision) =  $2.680 \div 2 = 1.340$

Minimum passing marks = 70% or above on aggregate basis with atleast 1/3 marks in each Section.

**Conclusion**

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

## ANALYSIS OF PROPOSAL 4

### 4.4

Engineering Firm: M/s. EA Consulting Pvt. Ltd.

Consortium Partner: M/s. JERS Engineering Consultants

Address: AL-9, 15th Lane Off Khayaban-e-Hikal Phase-VII, DHA Karachi

Submittal: a) One Original + Two Copies  
b) Sealed Financial Proposal (Two Original)

#### General:

M/s. EA Consulting Pvt. Ltd. is a local Pakistani Engineering firm who has submitted the Technical Proposal for 65 MGD Project in association with M/s. JERS Engineering Consultants. The firm has submitted its technical and financial proposals vide letter No. EA/Budev/0911A/05-16, dated: 2<sup>nd</sup> May 2016.

The information as contained in the Technical Proposal has been checked for completeness, clarity and conformity to the E.O.R.

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

- Approach of proposal presentation is appropriate, well defined and complies to most of the requirements of RFP Document.
- The firm has submitted comments and suggestions on TOR identifying different points for the consideration of KW&SB.

The proposal has been examined closely in accordance with Section-10 of the R.F.P. Document, the details of which is demonstrated as follows:-

#### **1. Specific Experience of the Consultants Relevant to the Assignment**

The firm has submitted complete description of the relevant works completed or in hand during last 10 years in Pakistan or abroad costing RS. 1.00 billion or above and has stated to have completed the Design and Construction Supervision of more than 05 Projects relevant to the assignment.

The firm has successfully achieved the requirement of specific experience in Section - I as per the laid down Evaluation Criteria.

## 2. Adequacy of the Proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference

### a. ***Understanding of the Scope of Work and Design Considerations of Additional 65 MGD Bulk Water Supply Scheme, (Detailed Description)***

The technical proposal submitted by the firm covers most of the features concerning the project. The firm has represented sound knowledge and understanding of the existing water supply system of Karachi supported by relevant details related to the water conveyance system, pumping stations, reservoirs and filter plants currently linked with the water supply of the city. The firm has well understood the scope of work as indicated in the R.F.P Document.

The approach shown by the firm is well defined towards the scope of work of the Project. The inter relating of relevant issues with the design strategy has been elaborated significantly in line with Section 10 of R.F.P Document in a very effective and professional manner. The overall project understanding of the firm has been found good and in consistence with the R.F.P Document except for some minor details, which should have been elaborated in a much comprehensive manner.

### b. ***Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme and its design and supervision stages.***

The firm has clearly understood the Scope of Work as indicated in the R.F.P Document and has also indicated the suggestions to overcome the time constraints in order to complete the assignment of Detailed Designing and Construction Supervision of the Project within the allotted time slot.

The firm understands the significance of time factor for the overall completion of the assignment related to Design and Construction Supervision of 65 MGD Project and has covered this aspect under his technical proposal.

### c. ***Specialized Services, Skills and Access to Particular Technologies of a Consultant, and his Approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme***

The approach proposed by the firm to execute the consultancy assignment possesses different innovative steps and Specialized Services, where emphasis has been made on customized Design techniques as well as particular technologies to be adopted for Designing the Project. The Design approach adopted by the firm is in detail and contains important features mandatory for designing a project of such magnitude, whereas in the Construction Supervision Phase, the firm has highlighted the measures that ensures the completion of works through specialized skills. Conclusively, the ideology of Specialized Services, Skills and access to Particular Technologies for the Design and Construction Supervision highlighted by the firm is of good standard.

**d. Technical Approach & Methodology of the Detailed Engineering Design and its various Components**

The Technical approach and Methodology of the Detailed Engineering design proposed by the firm is based on relatively good standard. The Methodology proposed by the firm contains different innovative steps and Design techniques, while the survey aspect and particular technologies to be adopted for Designing the 65 MGD Project has also been proposed by the firm. The Design approach adopted by the firm is based on a comprehensive technical approach essential for Designing such a project. Conclusively, the ideology of Methodology and Technical Approach for the Design of the Project, as highlighted by the firm is of good standard.

**e. Methodology of Construction Supervision and its various Components**

The approach of Methodology of the Construction Supervision proposed by the firm is based on a relatively good standard. The Methodology proposed by the firm contains few advance features emphasizing on the implementation of Quality Assurance techniques and the aspect of particular technologies to be adopted for the Construction Supervision of the Project. The Methodology of Construction Supervision adopted by the firm is based on a comprehensive technical approach. Conclusively, the ideology of Methodology and Technical Approach for the Construction Supervision of the Project, as highlighted by the firm is of good standard.

**f. Work Plan: for Submittals & Deliverables Matching with the Work Plan. Logical Sequence of Tasks and Coverage of all Principal Activities Envisaged by the Engineering Firms with respect to the TOR**

The firm has provided a Work Plan which lacks a number of Design and Construction activities. The identification and explanation for most of the Design and Construction Supervision Stages is also missing from the Work Plan.

On the whole, the Work Plan submitted by the firm is of average standard without any rational and consistency to the plan for submittals and deliverables as envisaged in the TOR.

**g. Organization & Staffing Manning Schedule for both Design & Supervision**

The Organization and Staffing Manning Schedule submitted by the firm is in consistency with the proposed Work Plan of the firm and the Man-Months proposed by the KW&SB. The Manning Schedule highlighting the Man-Months of the individual staff proposed for the Project has been submitted by the firm.

**h. Activity Schedule displaying each and every Activity by Bar Chart**

The firm has submitted a detailed Activity Schedule covering activities pertaining to the Design & Construction Supervision of 65 MGD Project to a larger extent. The schedule of activities submitted by the firm synchronizes with the Project Design period and Construction Supervision period indicating most of the activities with their commencement and conclusion dates represented through Bar Charts.

Overall presentation of the Activity Schedule submitted by the firm is of good standard and covers the requirements outlined in the Proposal Document.



i. **Quality Management System covering Complexity of the Assignment with assured best Standard Quality**

The firm has proposed the Quality Management System based on an average professional approach, the system proposed by the firm contains different steps, which marginally fulfills the requirement of consistency with the Project and is of average standard.

3. **Key Professional Staff**

**Qualification and Competence for the Assignment (Design Team)**

The Team of Key Professional Staff proposed by the firm for carrying out the Design of 65 MGD Project is generally well qualified and possesses good experience of working on a Bulk Water Supply Project relevant to 65 MGD Project and have ample experience of working under similar environment and conditions.

4. **Key professional staff**

**Qualification and Competence for the Assignment (Supervision Team)**

The Team of Key Professional Staff proposed by the firm for Construction Supervision Phase of 65 MGD Project comprises mostly of Graduates having Batchelor Degree in their relevant field of experience. Most of the Key Staff proposed by the firm possesses good experience of working on Construction Supervision of a Bulk Water Supply Project and under similar working conditions.

5. **Mandatory Requirements**

a. **P.hd or Masters Degree from Foreign Universilies**

The firm has proposed two (02) Key Personnel having Phd Degree in its Design Team.

The firm has proposed six (06) Key Personnel having Masters Degree in its Design Team.

The firm has proposed only one (01) Key Personnel having Masters Degree in its Construction Supervision Team

b. **Permanent Employment Certificate with the firm for atleast one (01) year**

The firm has submitted the Permanent Employment Certificates of Proposed Key Professional Staff for all positions except for the position of Sr. Geotech / Materials Engineer.

Due to non submission of Permanent Employment Certificate only 50% of scored marks are awarded to Key Professional Staff for above position.

**Assessment**

The assessment of the firm is tabulated as under:

Category	Maximum Marks	Marks obtained
Specific Experience of the Consultant relevant to the Assignment	10	7.000
Adequacy of the proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference	50	33.000
<b>Key Professional Staff</b>		
Qualification and Competence for the Assignment (Design Team)	30	13.40
<b>Key Professional Staff</b>		
Qualification and Competence for the Assignment (Supervision Team)	10	8.600
<b>Total Marks</b>	<b>100</b>	<b>74.440</b>

Note

Due to non submission of Permanent Employment Certificate, only 50% of scored marks are awarded to Key Professional Staff for following positions:

*Sr. Geotech / Materials Engineer* =  $2.82 \div 2 = 1.41$

Minimum passing marks = 70% or above on aggregate basis with atleast 1/3 marks in each Section.

Conclusion

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

## ANALYSIS OF PROPOSAL-5

### 4.5

Engineering Firm: **M/s. National Engineering Services Pakistan (Pvt.) Ltd.**

Consortium Partner: **M/s. Techno Legal Consultants Pvt. Ltd.**

Address: **13th Floor, NICL Building, Abbasi Shaheed Road,  
Off Shakra-e-Faisal, Karachi.**

Submittal: a) One Original + Two Copies  
b) Sealed Financial Proposal (One Original)

### General:

M/s. National Engineering Services Pakistan (Pvt.) Ltd. is a local Pakistani Engineering firm who has submitted the Technical Proposal for 65 MGD Project in association with M/s. Techno Legal Consultants Pvt. Ltd. The firm has submitted its Technical and Financial proposals vide letter No. P-34025/50A/AH/01/669, dated: 2<sup>nd</sup> May, 2016.

The information as contained in the Technical Proposal has been checked for completeness, clarity and conformity to the T.O.R.

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

- Approach of proposal presentation is appropriate, well defined and complies to most of the requirements of RFP Document.
- The firm has not submitted any comments and suggestions on TOR.

The proposal has been examined closely in accordance with Section-10 of the R.F.P. Document, the details of which is demonstrated as follows:-

### 1. Specific Experience of the Consultants Relevant to the Assignment

The firm has submitted complete description of the relevant works completed or in hand during last 10 years in Pakistan or abroad costing Rs. >1.00 billion or above and has stated to have completed the Design and Construction Supervision of 03 Projects relevant to the assignment.

The firm has marginally achieved the requirement of specific experience in Section – I as per the laid down Evaluation criteria.

**2. Adequacy of the Proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference**

**a. Understanding of the Scope of Work and Design Considerations of Additional 65 MGD Bulk Water Supply Scheme. (Detailed Description)**

The technical proposal submitted by the firm covers most of the features concerning the project. The firm has represented sound knowledge and understanding of the existing water supply systems and has been supported by relevant details related to the water conveyance systems, pumping stations, reservoirs and filter plants, connected with the water supply system. The firm has well understood the scope of work as indicated in the ToR Document.

However, the approach shown by the firm is marginally well-defined towards the scope of work of the Project. The inter-related relationship with the design strategy has been elaborated in a reasonable manner. The overall project understanding of the firm has been found to be good and consistent, as consistent with the EET Program of work. But some areas which should have been elaborated in more detail are not covered.

**b. Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme and its design and Supervision Stages.**

The firm has not indicated any dependencies to complete the firm's assignment in order to complete the assignment of Detailed Engineering and Construction Supervision of the Project within the allotted time slot.

The firm fails to understand the significance of time factor for the overall completion of the assignment related to Design and Construction Supervision of 65 MGD Project and has not covered this aspect in his technical proposal.

**c. Specialized Services, Skills and Access to Particular Technologies of a Consultant, and his Approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme**

The approach proposed by the firm to execute the entire assignment possesses different innovative steps and specialized services, where emphasis has been made on customized Design techniques and particular technologies to be adopted for Designing the Project. The Design approach adopted by the firm is in detail and contains important features, in addition, for designing a project of such magnitude, whereas in the Construction Supervision Phase, the firm has highlighted the measures that ensures the completion of works through specialized skills. Conclusively, the ideology of Specialized Services, Skills and access to Particular Technologies for the Design and Construction Supervision highlighted by the firm is of good standard.

**d. Technical Approach & Methodology of the Detailed Engineering Design and its various Components**

The Technical approach and Methodology of the detailed Engineering design proposed by the firm is based on relatively good standard. The Methodology proposed by the firm contains different innovative steps and Design techniques, while the same, specialized and particular technologies to be adopted for Designing the 65 MGD Project has also been proposed by the firm. The Design approach adopted by the firm is based on a comprehensive technical approach essential for Designing such a project. In this regard, the ideology of Methodology and Technical Approach for the Design of the Project is highlighted by the firm as proposed below.

**e. Methodology of Construction Supervision and its various Components**

The approach of Methodology of the Construction Supervision prepared by the firm is based on a relatively good standard. The Methodology proposed by the firm contains few advance features emphasizing on the implementation of Quality Assurance techniques and the aspect of particular technologies to be adopted for the Construction Supervision of the Project. The Methodology of Construction Supervision adopted by the firm is based on a comprehensive technical approach. Conclusively, the ideology of Methodology and Technical Approach for the Construction Supervision of the Project, as highlighted by the firm is of good standard.

**f. Work Plan: for Submittals & Deliverables Matching with the Work Plan, Logical Sequence of Tasks and Coverage of all Principal Activities Envisaged by the Engineering Firms with respect to the TOR**

The firm has not provided a comprehensively prepared Work Programme lacking most of the Design and Construction activities. The identification and explanation for most of the Design and Construction Supervision Stages is also missing from the Work Plan.

On the whole, the Plan of executing the task submitted by the firm is of average standard without any rational and consistency to the plan for submittals and deliverables as envisaged in the TOR.

**g. Organization & Staffing Manning Schedule for both Design & Supervision**

The Organization and Staffing Manning Schedule submitted by the firm is in consistency with the proposed Work Plan of the firm and the Man-Months proposed by the KW&SB. The Manning Schedule highlighting the Man-Months of the individual staff proposed for the Project has been submitted by the firm.

**h. Activity Schedule displaying each and every Activity by Bar Chart**

The firm has submitted a detailed Activity Schedule covering activities pertaining to the Design & Construction Supervision of 65 MGD Project to a larger extent. The schedule of activities submitted by the firm synchronizes with the Project Design period and Construction Supervision period indicating most of the activities with their commencement and conclusion dates represented through Bar Charts.

Overall presentation of the Activity Schedule submitted by the firm is of good standard and covers the requirements outlined in the Program of Requirement.



**i. Quality Management System covering Complexity of the Assignment with assured best Standard Quality**

The firm has proposed the Quality Management System based on an average professional approach. The system proposed by the firm contains different steps, which marginally fulfills the requirement of consistency with the Project and is of average standard.

**3. Key Professional Staff**

**Qualification and Competence for the Assignment (Design Team)**

The Team of Key Professional Staff proposed by the firm for carrying out the Design of 65 MGD Project is generally well qualified and possesses good experience of working on a Bulk Water Supply Project relevant to 65 MGD Project and have ample experience of working under similar environment and conditions.

**4. Key professional staff**

**Qualification and Competence for the Assignment (Supervision Team)**

The Team of Key Professional Staff proposed by the firm for Construction Supervision Phase of 65 MGD Project comprises professional holding Masters Degree in their relevant field of experience. Most of the Key Staff proposed by the firm possesses good experience of working on Construction Supervision of a Bulk Water Supply Project and under similar working conditions.

**5. Mandatory Requirements**

**a. P.hd or Masters Degree from Foreign Universities**

*The firm has proposed only one (01) Key Personnel having Phd Degree in its Design Team.*

*The firm has proposed five (05) Key Personnel having Masters Degree in its Design Team.*

*The firm has proposed five (05) Key Personnel having Masters Degree in its Construction Supervision Team.*

**b. Permanent Employment Certificate with the firm for atleast one (01) year**

*The firm has submitted the Permanent Employment Certificate of Proposed Key Professional Staff for all positions except for the position of Contract Specialist.*

*Due to non submission of Permanent Employment Certificate, only 50% of scored marks are awarded to Key Professional Staff for above position.*

**Assessment**

The assessment of the firm is tabulated as under:-

Category	Maximum Marks	Marks obtained
Specific Experience of the Consultant relevant to the Assignment	10	6.000
Adequacy of the proposed Technical Approach, Methodology and Work Plan in responding to the Terms of Reference	50	30.000
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Design Team)	30	26.720
<b>Key Professional Staff</b> Qualification and Competence for the Assignment (Supervision Team)	10	7.840
<b>Total Marks</b>	<b>100</b>	<b>70.560</b>

**Note**

Due to non submission of Permanent Employment Certificate, only 50% of scored marks are awarded to Key Professional Staff for following position:-

$$\text{Contract Specialist} = 1.76 \div 2 = 0.88$$

Minimum passing marks = 70% or above on aggregate basis with atleast 1/3 marks in each Section.

**Conclusion**

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

**SECTION – 5**  
**SUMMARY OF SCORES AND CONCLUSION**

The Technical Proposals have been evaluated in accordance with the approved Evaluation Criteria and the marks are allocated accordingly as referred in L.O.I / R.F.P Document.

The Proposals have been checked and examined in detail. The summarized result is exhibited as under, showing the overall status and the marks obtained by the individual Engineering Firms / Consortia:-

**Table 5.1**

Sr. No.	Name of Firm / Consortia	Marks obtained	Status
1.	M/s.Velosi Integrity & Safety Pakistan (Pvt.) Ltd.	44.230	Fail
2.	M/s. B.M Consulting Engineers (Pvt.) Ltd.	66.270	Fail
3.	M/s. Asian Consulting Engineers (Pvt.) Ltd.	29.120	Fail
4.	M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants	74.440	Pass
5.	M/s.National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.	70.560	Pass

The Consultant Selection Committee, in the light of the evaluation carried out and subsequent allocation of marks to the Engineering Firms / Consortia as per the approved Selection Criteria explained in the L.O.I Document, finally tabulated the results of the Engineering Firms / Consortia as presented in Table 5.1 above.



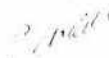
**Iqbal Paleejo**  
Executive Engineer (Haleji), KW&SB  
(Member / Secretary)



**Asif Ali Khan**  
Dy. Project Manager (R IV) KW&SB  
(Member)



**Akbar/Brihmani**  
Dy. Secretary (Dev-II), Finance Deptt.,  
Govt. of Sindh (Member)



**Ghulam Muhammad Shaikh**  
Assistant Chief PSD Department  
Government of Sindh (Member)



**Sikandar Ali Zardari**  
Project Director (65 MGD) KW&SB  
(CONVENER)

# ANNEXURE - "A"

**M/s.Velosi Integrity &  
Safety Pakistan (Pvt.) Ltd.**



**EVALUATION CRITERIA**  
**Selection of Consultancy Firm for Additional 65 MGD Project**

M/s. Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

Section - I

Sr. No.	Description	Max. Marks	Marks obtained
<b>I</b>	<b>SPECIFIC EXPERIENCE OF THE CONSULTANTS RELEVANT TO THE ASSIGNMENT</b>	<b>10 Points</b>	
<b>A</b>	Design (Preliminary/Detailed) of major water supply & allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	<b>5 Points</b>	<b>0 Points</b>
<b>a</b>	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
<b>b</b>	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
<b>c</b>	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
<b>d</b>	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
<b>e</b>	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	
<b>B</b>	Construction supervision of major water supply projects and allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	<b>5 Points</b>	<b>0 Points</b>
<b>a</b>	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
<b>b</b>	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
<b>c</b>	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
<b>d</b>	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
<b>e</b>	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	
<b>Total :</b>		<b>10 Points</b>	<b>0.00</b>



## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

#### Section - II

Sr. No.	Description	Max. Marks	Marks obtained
<b>II</b>	<b>ADEQUACY OF THE PROPOSED TECHNICAL APPROACH, METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE</b>	<b><u>50 Points</u></b>	
a	Understanding of the Scope of Work and Design considerations of Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi (Detailed Description)	6 Points	2.00
b	Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi and its design and supervision stages	6 Points	0.00
c	Specialized Services, skills and access to particular technologies of a consultant, and his approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi Project	6 Points	2.00
d	Technical approach & Methodology of the detailed Engineering Design and its various components	6 Points	2.00
e	Methodology of Construction Supervision and its various components	6 Points	2.00
f	Work Plan: for submittals & deliverables matching with the work plan. Logical sequence of tasks and coverage of all Principal Activities envisaged by the Engineering Firms with respect to the TOR	6 Points	2.00
g	Organization & Staffing Manning Schedule for both Design & Supervision	6 Points	4.00
h	Activity Schedule displaying each and every activity by Bar Chart	4 Points	3.00
i	Quality Management System covering complexity of the assignment with assured best standard quality	4 Points	2.00
<b>Total :</b>		<b>50 Points</b>	<b>19.00</b>

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

Section - III

Sr. No.	Description	Max. Marks	General Qualification Design Stage (30%)			Marks obtained (A)	Adequacy for the Assignment (60%)				Marks obtained (B)	Experience in Region and Language (10%)			Marks obtained (C)	Marks Obtained (A+B+C)			
			30% Weightage	Ph.D (Full Marks)	Masters (80% Marks)		Bachelors (60% Marks)	60% Weightage	No Adequacy (30%)	25 Years + (Full Marks)		15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	10% Weightage			25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)
a	Team Leader-Water Supply Design	4 Points	<u>1.20</u>	1.20	0.96	0.72	0.96	<u>2.40</u>	0.72	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.20	2.36
b	Sr. Design Engineer (Hydraulics)	4 Points	<u>1.20</u>	1.20	0.96	0.72	0.96	<u>2.40</u>	0.72	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.20	3.08
c	Sr. Design Engineer (Electrical)	4 Points	<u>1.20</u>	1.20	0.96	0.72	0.72	<u>2.40</u>	0.72	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.20	2.84
d	Sr. Design Engineer (Mechanical)	4 Points	<u>1.20</u>	1.20	0.96	0.72	0.72	<u>2.40</u>	0.72	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.20	1.64
e	Contract Specialist	2 Points	<u>0.60</u>	0.60	0.48	0.36	0.48	<u>1.20</u>	0.36	1.20	0.96	0.60	0.60	0.20	0.20	0.15	0.10	0.10	1.18
f	Sr. Design Engineer (Structures)	3 Points	<u>0.90</u>	0.90	0.72	0.54	0.54	<u>1.80</u>	0.54	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.15	2.13
g	Sr. Professional (Environment)	3 Points	<u>0.90</u>	0.90	0.72	0.54	0.54	<u>1.80</u>	0.54	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.15	1.59
h	Sr. Geotech / Materials Engineer	3 Points	<u>0.90</u>	0.90	0.72	0.54	0.54	<u>1.80</u>	0.54	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.15	2.31
i	Sr. Professional (Surveys & GIS)	3 Points	<u>0.90</u>	0.90	0.72	0.54	0.54	<u>1.80</u>	0.54	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.15	1.77
<b>Total :</b>			<b>30 Points</b>				<b>6.36</b>				<b>11.04</b>				<b>1.50</b>			<b>18.90</b>	

**Mandatory requirements**

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

Section - IV

Sr. No.	Description	Max. Marks	General Qualification (30%)			Adequacy for the Assignment (60%)			Experience in Region and Language (10%)			Marks Obtained (A+B+C)					
			Weightage	Masters (Full Marks)	Bachelors (70% Marks)	Marks obtained	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained		25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained	
IV	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR ASSIGNMENT (SUPERVISION TEAM)	10 Points	30%														
a	Chief Project Manager	2 Points	0.60	0.60	0.42	0.60	1.20	0.96	0.60	0.30	0.20	0.10	0.10	0.100	1.66		
b	Chief Resident Engineer	2 Points	0.60	0.30	0.30	0.60	1.20	0.60	0.60	0.20	0.20	0.10	0.100	1.12			
c	Chief of Surveying & GIS	1 Points	0.30	0.30	0.30	0.30	0.60	0.30	0.30	0.10	0.10	0.08	0.080	0.68			
d	Chief Materials Engineer	1 Points	0.30	0.30	0.30	0.30	0.60	0.30	0.30	0.10	0.10	0.05	0.050	0.65			
e	Senior Resident Engineer Civil - 3	3 Points	0.90	0.90	0.90	0.90	1.80	0.00	0.00	0.30	0.30	0.00	0.000	0.00			
	S.R.E (Civil) - 01	1.00	0.30	0.30	0.21	0.60	0.60	0.48	0.48	0.10	0.10	0.08	0.080	0.77			
	S.R.E (Civil) - 02	1.00	0.30	0.30	0.21	0.60	0.60	0.48	0.48	0.10	0.10	0.08	0.080	0.77			
	S.R.E (Civil) - 03	1.00	0.30	0.30	0.21	0.60	0.60	0.48	0.48	0.10	0.10	0.08	0.080	0.77			
f	Senior Resident Engineer E/M	1 Points	0.30	0.30	0.30	0.30	0.60	0.30	0.30	0.10	0.10	0.08	0.080	0.68			
	Total :	10 Points				2.34							3.42	6.330			

Mandatory requirements

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of international repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

Note: - C.V of S.R.E (Civil) - 01 not submitted by the firm.

Marks Obtained	Section - I	Section - II	Section - III	Section - IV	Total Marks	Status
0.000		19.000	18.900	6.330	44.230	Fail

Executive Engineer (Haleji Canal) KW&SB  
(Member / Secretary)

Dy. Project Manager  
(K-IV) KW&SB (Member)

Assistant Chief P&D Deptt. GOS  
(Member)

Dy. Secretary (Dev. II), Finance Deptt. GOS  
(Member)

Project Director (65 MGD Project) KW&SB  
(CONVENER)

**M/s. Asian Consulting Engineers (Pvt.) Ltd.**



## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. Asian Consulting Engineers (Pvt.) Ltd.

Section - I

Sr. No.	Description	Max. Marks	Marks obtained
<b>I</b>	<b>SPECIFIC EXPERIENCE OF THE CONSULTANTS RELEVANT TO THE ASSIGNMENT</b>	<b>10 Points</b>	
<b>A</b>	Design (Preliminary/Detailed) of major water supply & allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	<b>5 Points</b>	
<b>a</b>	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
<b>b</b>	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
<b>c</b>	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
<b>d</b>	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
<b>e</b>	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	<b>5.00</b>
<b>B</b>	Construction supervision of major water supply projects and allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	<b>5 Points</b>	
<b>a</b>	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
<b>b</b>	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
<b>c</b>	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
<b>d</b>	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
<b>e</b>	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	<b>5.00</b>
<b>Total :</b>		<b>10 Points</b>	<b>10.00</b>

## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. Asian Consulting Engineers (Pvt.) Ltd.

#### Section - II

Sr. No.	Description	Max. Marks	Marks obtained
II	<b>ADEQUACY OF THE PROPOSED TECHNICAL APPROACH, METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE</b>	<b>50 Points</b>	
a	Understanding of the Scope of Work and Design considerations of Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi (Detailed Description)	6 Points	3.00
b	Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi and its design and supervision stages	6 Points	2.00
c	Specialized Services, skills and access to particular technologies of a consultant, and his approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi Project	6 Points	2.00
d	Technical approach & Methodology of the detailed Engineering Design and its various components	6 Points	2.00
e	Methodology of Construction Supervision and its various components	6 Points	2.00
f	Work Plan: for submittals & deliverables matching with the work plan. Logical sequence of tasks and coverage of all Principal Activities envisaged by the Engineering Firms with respect to the TOR	6 Points	2.00
g	Organization & Staffing Manning Schedule for both Design & Supervision	6 Points	3.00
h	Activity Schedule displaying each and every activity by Bar Chart	4 Points	2.00
i	Quality Management System covering complexity of the assignment with assured best standard quality	4 Points	2.00
<b>Total :</b>		<b>50 Points</b>	<b>20.00</b>

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. Asian Consulting Engineers (Pvt.) Ltd.

Section - III

Sr. No.	Description	Max. Marks	General Qualification Design Stage (30%)				Marks obtained (A)	Adequacy for the Assignment (60%)					Marks obtained (B)	Experience in Region and Language (10%)			Marks obtained (C)	Marks Obtained (A+B+C)	
			30% Weightage	Ph.D (Full Marks)	Masters (80% Marks)	Bachelors (60% Marks)		60% Weightage	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)		10% Weightage	25 Years + (Full Marks)	15 to 24 years (80% Marks)			10 to 14 years (50% Marks)
a	Team Leader Water Supply Designer	4 Points	<u>1.20</u>	1.20	0.96	0.72	<b>1.20</b>	<u>2.40</u>	0.72	2.40	1.92	1.20	<b>2.40</b>	<u>0.40</u>	0.40	0.32	0.20	<b>0.40</b>	<b>4.00</b>
b	Sr. Design Engineer (Hydraulics)	4 Points	<u>1.20</u>	1.20	0.96	0.72	<b>0.96</b>	<u>2.40</u>	0.72	2.40	1.92	1.20	<b>2.40</b>	<u>0.40</u>	0.40	0.32	0.20	<b>0.40</b>	<b>3.76</b>
c	Sr. Design Engineer (Electrical)	4 Points	<u>1.20</u>	1.20	0.96	0.72	<b>1.20</b>	<u>2.40</u>	0.72	2.40	1.92	1.20	<b>2.40</b>	<u>0.40</u>	0.40	0.32	0.20	<b>0.40</b>	<b>4.00</b>
d	Sr. Design Engineer (Mechanical)	4 Points	<u>1.20</u>	1.20	0.96	0.72	<b>0.96</b>	<u>2.40</u>	0.72	2.40	1.92	1.20	<b>2.40</b>	<u>0.40</u>	0.40	0.32	0.20	<b>0.40</b>	<b>3.76</b>
e	Contract Specialist	2 Points	<u>0.60</u>	0.60	0.48	0.36	<b>0.48</b>	<u>1.20</u>	0.36	1.20	0.96	0.60	<b>0.60</b>	<u>0.20</u>	0.20	0.16	0.10	<b>0.20</b>	<b>1.28</b>
f	Sr. Design Engineer (Structures)	3 Points	<u>0.90</u>	0.90	0.72	0.54	<b>0.72</b>	<u>1.80</u>	0.54	1.80	1.44	0.90	<b>1.80</b>	<u>0.30</u>	0.30	0.24	0.15	<b>0.30</b>	<b>2.82</b>
g	Sr. Professional (Environment)	3 Points	<u>0.90</u>	0.90	0.72	0.54	<b>0.90</b>	<u>1.80</u>	0.54	1.80	1.44	0.90	<b>0.90</b>	<u>0.30</u>	0.30	0.24	0.15	<b>0.15</b>	<b>1.95</b>
h	Sr. Geotech / Materials Engineer	3 Points	<u>0.90</u>	0.90	0.72	0.54	<b>0.90</b>	<u>1.80</u>	0.54	1.80	1.44	0.90	<b>1.44</b>	<u>0.30</u>	0.30	0.24	0.15	<b>0.24</b>	<b>2.58</b>
i	Sr. Professional (Surveys & GIS)	3 Points	<u>0.90</u>	0.90	0.72	0.54	<b>0.90</b>	<u>1.80</u>	0.54	1.80	1.44	0.90	<b>1.44</b>	<u>0.30</u>	0.30	0.24	0.15	<b>0.15</b>	<b>2.49</b>
<b>Total :</b>		<b>30 Points</b>					<b>8.22</b>						<b>15.78</b>					<b>2.64</b>	<b>26.64</b>

**Mandatory requirements**

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. Asian Consulting Engineers (Pvt.) Ltd.

Section - IV

Sr. No	Description	Max. Marks	General Qualification (30%)		Marks obtained	Adequacy for the Assignment (60%)				Experience in Region and Language (10%)			Marks Obtained (A+B+C)					
			Construction Supervision Stage	Masters (Full Marks)		Bachelors (70% Marks)	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained	25 Years + (Full Marks)		15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained		
<b>IV KEY PROFESSIONAL STAFF QUALIFICATION &amp; COMPETENCE FOR ASSIGNMENT (SUPERVISION TEAM)</b>																		
a	Chief Project Manager	2 Points	0.60	0.60	0.42	0.60	1.20	0.36	1.20	0.56	0.60	1.20	0.20	0.20	0.16	0.10	0.100	1.90
b	Chief Resident Engineer	2 Points	0.60	0.60	0.42	0.60	1.20	0.36	1.20	0.56	0.60	1.20	0.20	0.20	0.16	0.10	0.200	2.00
c	Chief of Surveying & GIS	1 Points	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	1.00
d	Chief Materials Engineer	1 Points	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	1.00
e	Senior Resident Engineer Civil - 3	3 Points	0.90	0.90	0.63	0.90	1.80	0.54	1.80	1.44	0.90	1.80	0.30	0.30	0.24	0.15	0.300	0.00
	S.E.E (Civil) - 01	1.00	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	0.91
	S.E.E (Civil) - 02	1.00	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	1.00
	S.E.E (Civil) - 03	1.00	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	0.91
f	Senior Resident Engineer E/M	1 Points	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	0.91
<b>Total :</b>			<b>10 Points</b>		<b>2.73</b>												<b>6.00</b>	<b>9.91</b>
<b>Mandatory requirements</b>																		
i) Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of international repute and with minimum 15 years of experience																		
ii) For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.																		
<b>* All Positions of Key Personnel under Section - III &amp; IV have been awarded 50% Marks due to non submission of Permanent Employment Certificate.</b>																		
<b>Marks Obtained</b>			<b>Section - I</b>	<b>Section - II</b>	<b>Section - III</b>	<b>Section - IV</b>	<b>Total Marks</b>	<b>Status</b>										
			10,000	20,000	26,640	9,630	66,270	Fail										

Iqbal Palejo  
Executive Engineer (Haleji Canal) KW&SB  
(Member / Secretary)

Syed Ali Khan  
Dy. Project Manager  
(K-IV), KW&SB (Member)

Ghulam Muhammad Shaikh  
Assistant Chief P&D Dept. GOS  
(Member)

Akber Brikmani  
Dy. Secretary (Dev-II), Finance Dept. GOS  
(Member)

Sikandar Ali Zardani  
Project Director (65 MGD Project), KW&SB  
(CONVENER)

**M/s. B.M Consulting Engineers (Pvt.) Ltd.**



## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. B.M Consulting Engineers (Pvt.) Ltd.

Section - I

Sr. No.	Description	Max. Marks	Marks obtained
<b>I</b>	<b>SPECIFIC EXPERIENCE OF THE CONSULTANTS RELEVANT TO THE ASSIGNMENT</b>	<b>10 Points</b>	
<b>A</b>	Design (Preliminary/Detailed) of major water supply & allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	<b>5 Points</b>	<b>0 Points</b>
a	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
b	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
c	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
d	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
e	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	
<b>B</b>	Construction supervision of major water supply projects and allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	<b>5-Points</b>	<b>0 Points</b>
a	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
b	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
c	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
d	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
e	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	
<b>Total :</b>		<b>10 Points</b>	<b>0.00</b>



## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. B.M Consulting Engineers (Pvt.) Ltd.

#### Section - II

Sr. No.	Description	Max. Marks	Marks obtained
<b>II</b>	<b>ADEQUACY OF THE PROPOSED TECHNICAL APPROACH, METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE</b>	<b><u>50 Points</u></b>	
a	Understanding of the Scope of Work and Design considerations of Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi (Detailed Description)	6 Points	2.00
b	Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi and its design and supervision stages	6 Points	0.00
c	Specialized Services, skills and access to particular technologies of a consultant, and his approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi Project	6 Points	1.00
d	Technical approach & Methodology of the detailed Engineering Design and its various components	6 Points	2.00
e	Methodology of Construction Supervision and its various components	6 Points	2.00
f	Work Plan: for submittals & deliverables matching with the work plan. Logical sequence of tasks and coverage of all Principal Activities envisaged by the Engineering Firms with respect to the TOR	6 Points	1.00
g	Organization & Staffing Manning Schedule for both Design & Supervision	6 Points	4.00
h	Activity Schedule displaying each and every activity by Bar Chart	4 Points	2.00
i	Quality Management System covering complexity of the assignment with assured best standard quality	4 Points	2.00
<b>Total :</b>		<b>50 Points</b>	<b>16.00</b>

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. E.M Consulting Engineers (Pvt.) Ltd.

Section - III

Sr. No.	Description	Max. Marks	General Qualification Design Stage (30%)			Marks obtained (A)	Adequacy for the Assignment (60%)					Marks obtained (B)	Experience in Region and Language (10%)			Marks obtained (C)	Marks Obtained (A+B+C)	
			30% Weightage	Ph.D (Full Marks)	Masters (80% Marks)		Bachelors (60% Marks)	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)		10% Weightage	25 Years + (Full Marks)	15 to 24 years (80% Marks)			10 to 14 years (50% Marks)
a	Team Leader Water Supply Design	4 Points	1.20	1.20	0.96	0.72	0.96	2.40	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.40	2.56
b	Sr. Design Engineer (Hydraulics)	4 Points	1.20	1.20	0.96	0.72	0.96	2.40	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.40	1.36
c	Sr. Design Engineer (Electrical)	4 Points	1.20	1.20	0.96	0.72	0.96	2.40	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.40	2.56
d	Sr. Design Engineer (Mechanical)	4 Points	1.20	1.20	0.96	0.72	0.72	2.40	2.40	1.92	1.20	1.20	0.40	0.40	0.32	0.20	0.40	1.12
e	Contract Specialist	2 Points	0.60	0.60	0.48	0.36	0.48	1.20	1.20	0.96	0.60	1.20	0.20	0.20	0.16	0.10	0.20	1.88
f	Sr. Design Engineer (Structures)	3 Points	0.90	0.90	0.72	0.54	0.72	1.80	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.24	0.96
g	Sr. Professional (Environment)	3 Points	0.90	0.90	0.72	0.54	0.72	1.80	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.24	0.90
h	Sr. Geotech / Materials Engineer	3 Points	0.90	0.90	0.72	0.54	0.72	1.80	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.24	0.90
i	Sr. Professional (Surveys & GIS)	3 Points	0.90	0.90	0.72	0.54	0.72	1.80	1.80	1.44	0.90	0.90	0.30	0.30	0.24	0.15	0.24	0.90
<b>Total :</b>		<b>30 Points</b>						<b>4.80</b>					<b>3.60</b>				<b>2.04</b>	<b>10.44</b>

Mandatory requirements

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. E.M. Consulting Engineers (Pvt.) Ltd.

Section - IV

Sr. No.	Description	Max. Marks	General Qualification (30%)			Adequacy for the Assignment (60%)				Experience in Region and Language (10%)				Marks Obtained (A+B+C)			
			Weightage	Masters (Full Marks)	Bachelors (70% Marks)	Marks obtained	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained	Weightage	25 Years + (Full Marks)		15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained
IV	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR ASSIGNMENT (SUPERVISION TEAM)	10 Points	30%														
a	Chief Project Manager	2 Points	0.60	0.60	0.42	0.00	1.20	0.36	1.20	0.96	0.60	0.20	0.20	0.16	0.10	0.000	
b	Chief Resident Engineer	2 Points	0.60	0.60	0.42	0.42	1.20	0.36	1.20	0.96	0.60	0.20	0.20	0.16	0.10	0.100	
c	Chief of Surveying & GIS	1 Points	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.10	0.10	0.08	0.05	0.100	
d	Chief Materials Engineer	1 Points	0.30	0.30	0.21	0.00	0.60	0.18	0.60	0.48	0.30	0.10	0.10	0.08	0.05	0.000	
e	Senior Resident Engineer Civil - 3	3 Points	0.90	0.90	0.63	0.00	1.80	0.54	1.80	1.44	0.90	0.30	0.30	0.24	0.15	0.000	
	S.R.E (Civil) - 01	1.00	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.10	0.10	0.08	0.05	0.050	
	S.R.E (Civil) - 02	1.00	0.30	0.30	0.21	0.00	0.60	0.18	0.60	0.48	0.30	0.10	0.10	0.08	0.05	0.000	
	S.R.E (Civil) - 03	1.00	0.30	0.30	0.21	0.00	0.60	0.18	0.60	0.48	0.30	0.10	0.10	0.08	0.05	0.000	
f	Senior Resident Engineer E/M	1 Points	0.30	0.30	0.21	0.00	0.60	0.18	0.60	0.48	0.30	0.10	0.10	0.08	0.05	0.000	
	Total :	10 Points				0.93										0.250	
																	2.680

Mandatory requirements

- Expert of Pakistan Origin (PhD) or Masters Degree in relevant field from Foreign Universities of international repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

\* All Positions of Key Personnel under Section - III & IV have been awarded 50% Marks due to non submission of Permanent Employment Certificate.

Marks Obtained	Section - I	Section - II	Section - III	Section - IV	Total Marks	Status
0.000		16.000	5.220	1.340	22.560	Fail

Executive Engineer (Haleji Canal) KW&SB  
(Member / Secretary)

Iqbal Palejko

Dy Project Manager  
(K-IV), KW&SB (Member)

Asst Ali Khan

Ghulam Muhammad Shaikh  
Assistant Chief P&D Dept: GOS  
(Member)

Akber Brhmani  
Dy Secretary (Dev-II) Finance Dept: GOS  
(Member)

Sikandar Ali Zardari  
Project Director (65 MGD Project), KW&SB  
(CONVENER)

**M/s. EA Consulting Pvt. Ltd.**  
in association with  
**M/s. JERS Engineering Consultants**



## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants

#### Section - I

Sr. No.	Description	Max. Marks	Marks obtained
<b>I</b>	<b>SPECIFIC EXPERIENCE OF THE CONSULTANTS RELEVANT TO THE ASSIGNMENT</b>	<b>10 Points</b>	
A	Design (Preliminary/Detailed) of major water supply & allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	5 Points	
a	Completed one Project of Rs. 1 Billion or more during last 10 years	1	
b	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
c	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
d	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
e	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	5.00
<b>B</b>	<b>Construction supervision of major water supply projects and allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)</b>	<b>5 Points</b>	
a	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
b	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
c	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	
d	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	4.00
e	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	
<b>Total :</b>		<b>10 Points</b>	<b>9.00</b>

## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants

#### Section - II

Sr. No.	Description	Max. Marks	Marks obtained
<b>II</b>	<b>ADEQUACY OF THE PROPOSED TECHNICAL APPROACH, METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE</b>	<b>50 Points</b>	
a	Understanding of the Scope of Work and Design considerations of Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi (Detailed Description)	6 Points	4.00
b	Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi and its design and supervision stages	6 Points	3.00
c	Specialized Services, skills and access to particular technologies of a consultant, and his approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi Project	6 Points	4.00
d	Technical approach & Methodology of the detailed Engineering Design and its various components	6 Points	5.00
e	Methodology of Construction Supervision and its various components	6 Points	4.00
f	Work Plan: for submittals & deliverables matching with the work plan. Logical sequence of tasks and coverage of all Principal Activities envisaged by the Engineering Firms with respect to the TOR	6 Points	3.00
g	Organization & Staffing Manning Schedule for both Design & Supervision	6 Points	5.00
h	Activity Schedule displaying each and every activity by Bar Chart	4 Points	3.00
i	Quality Management System covering complexity of the assignment with assured best standard quality	4 Points	2.00
<b>Total :</b>		<b>50 Points</b>	<b>33.00</b>

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants

Section - III

Sr. No.	Description	Max. Marks	General Qualification Design Stage (30%)			Marks obtained (A)	Adequacy for the Assignment (60%)					Marks obtained (B)	Experience in Region and Language (10%)			Marks obtained (C)	Marks Obtained (A+B+C)		
			30% Weightage	Ph.D (Full Marks)	Masters (80% Marks)		Bachelors (60% Marks)	60% Weightage	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)		10 to 14 years (50% Marks)	10% Weightage	25 Years + (Full Marks)			15 to 24 years (80% Marks)	10 to 14 years (50% Marks)
a	Team Leader- Water Supply Design	4 Points	1.20	1.20	0.96	0.72	1.20	2.40	0.72	2.40	1.92	1.20	1.92	0.40	0.40	0.32	0.20	0.40	3.52
b	Sr. Design Engineer (Hydraulics)	4 Points	1.20	1.20	0.96	0.72	2.40	0.72	2.40	1.92	1.20	2.40	0.40	0.40	0.32	0.20	0.40	3.76	
c	Sr. Design Engineer (Electrical)	4 Points	1.20	1.20	0.96	0.72	2.40	0.72	2.40	1.92	1.20	2.40	0.40	0.40	0.32	0.20	0.20	3.32	
d	Sr. Design Engineer (Mechanical)	4 Points	1.20	1.20	0.96	0.72	2.40	0.72	2.40	1.92	1.20	2.40	0.40	0.40	0.32	0.20	0.20	3.56	
e	Contract Specialist	2 Points	0.60	0.60	0.48	0.36	1.20	0.36	1.20	0.96	0.60	0.36	0.20	0.20	0.16	0.10	0.20	1.04	
f	Sr. Design Engineer (Structures)	3 Points	0.90	0.90	0.72	0.54	1.80	0.54	1.80	1.44	0.90	1.44	0.30	0.30	0.24	0.15	0.15	2.49	
g	Sr. Professional (Environment)	3 Points	0.90	0.90	0.72	0.54	1.80	0.54	1.80	1.44	0.90	1.44	0.30	0.30	0.24	0.15	0.30	2.82	
h	Sr. Geotech / Materials Engineer	3 Points	0.90	0.90	0.72	0.54	1.80	0.54	1.80	1.44	0.90	1.44	0.30	0.30	0.24	0.15	0.30	2.82	
i	Sr. Professional (Surveys & GIS)	3 Points	0.90	0.90	0.72	0.54	1.80	0.54	1.80	1.44	0.90	1.44	0.30	0.30	0.24	0.15	0.30	1.92	
<b>Total :</b>			<b>30 Points</b>				<b>7.38</b>					<b>15.42</b>					<b>2.45</b>	<b>25.25</b>	

**Mandatory requirements**

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. EA Consulting Pvt. Ltd. in association with M/s. JERS Engineering Consultants

Section - IV

Sr. No.	Description	Max. Marks	General Qualification (30%)			Adequacy for the Assignment (60%)				Experience in Region and Language (10%)			Marks Obtained (A+B+C)					
			Construction Supervision Stages	Masters (Full Marks)	Bachelors (70% Marks)	Marks obtained	60% Weightage	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained		25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained	
IV	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR ASSIGNMENT (SUPERVISION TEAM)	10 Points	30% Weightage															
a	Chief Project Manager	2 Points	0.60	0.60	0.42	0.42	1.20	0.36	1.20	0.96	0.60	1.20	0.20	0.20	0.16	0.10	0.200	1.82
b	Chief Resident Engineer	2 Points	0.60	0.60	0.42	0.42	1.20	0.36	1.20	0.96	0.60	1.20	0.20	0.20	0.16	0.10	0.200	1.58
c	Chief of Surveying & GIS	1 Points	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.050	0.56
d	Chief Materials Engineer	1 Points	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	1.00
e	Senior Resident Engineer Civil - 3	3 Points	0.90	0.90	0.63	0.63	1.80	0.54	1.80	1.44	0.90	1.80	0.30	0.30	0.24	0.15	0.100	0.91
	S.R.E (Civil) - 01	1.00	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	0.91
	S.R.E (Civil) - 02	1.00	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	0.91
	S.R.E (Civil) - 03	1.00	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	0.91
f	Senior Resident Engineer E/M	1 Points	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	0.91
	<b>Total :</b>	<b>10 Points</b>				<b>2.19</b>											<b>0.950</b>	<b>8.600</b>

Mandatory requirements

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

The highlighted positions of Key Personnel under Section - III & IV have been awarded 50% Marks due to non submission of Permanent Employment Certificate.

Marks Obtained	Section - I	Section - II	Section - III	Section - IV	Total Marks	Status
	9.000	33.000	23.840	8.600	74.440	Pass

Executive Engineer (Haleji Canal) KW&SB  
(Member / Secretary)

Dy Project Manager  
(K-IV) KW&SB (Member)

Chulam Muhammad Shaikh  
Assistant Chief P&D Deptt GOS  
(Member)

Akber Brikmani  
Dy Secretary (Dev-II) Finance Deptt GOS  
(Member)

Sikandar Ali Zardar  
Project Director (65 MGD Project) KW&SB  
(CONVENER)

**M/s.National Engineering  
Services Pakistan (Pvt.) Ltd.**  
in association with  
**M/s. Techno Legal Consultants Pvt. Ltd.**

## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s.National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.

Section - I

Sr. No.	Description	Max. Marks	Marks obtained
<b>I</b>	<b>SPECIFIC EXPERIENCE OF THE CONSULTANTS RELEVANT TO THE ASSIGNMENT</b>	<b>10 Points</b>	
A	Design (Preliminary/Detailed) of major water supply & allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)	5 Points	
a	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
b	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
c	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	3.00
d	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
e	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	
<b>B</b>	<b>Construction supervision of major water supply projects and allied works including cost, completed or in hand during the last 10 years in Pakistan or abroad (1 point for each project of Rs. 1 billion or more in water supply)</b>	<b>5 Points</b>	
a	Completed one Project of Rs. 1 Billion or more during last 10 years.	1	
b	Completed two Projects of Rs. 1 Billion or more during last 10 years.	2	
c	Completed three Projects of Rs. 1 Billion or more during last 10 years.	3	3.00
d	Completed four Projects of Rs. 1 Billion or more during last 10 years.	4	
e	Completed five Projects of Rs. 1 Billion or more during last 10 years.	5	
<b>Total :</b>		<b>10 Points</b>	<b>6.00</b>



## EVALUATION CRITERIA

### Selection of Consultancy Firm for Additional 65 MGD Project

M/s. National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd.

#### Section - II

Sr. No.	Description	Max. Marks	Marks obtained
<b>II</b>	<b>ADEQUACY OF THE PROPOSED TECHNICAL APPROACH, METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE</b>	<b><u>50 Points</u></b>	
a	Understanding of the Scope of Work and Design considerations of Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi (Detailed Description)	6 Points	3.00
b	Understanding of the Time Constraints of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi and its design and supervision stages	6 Points	2.00
c	Specialized Services, skills and access to particular technologies of a consultant, and his approach to Design and Construction Supervision of the Additional 65 MGD Bulk Water Supply Scheme from Haleji to Pipri, Karachi Project	6 Points	4.00
d	Technical approach & Methodology of the detailed Engineering Design and its various components	6 Points	4.00
e	Methodology of Construction Supervision and its various components	6 Points	4.00
f	Work Plan: Plans for submittals & deliverables matching with the work plan. Logical sequence of tasks and coverage of all Principal Activities envisaged by the Engineering Firms with respect to the TOR	6 Points	2.00
g	Organization & Staffing Manning Schedule for both Design & Supervision	6 Points	5.00
h	Activity Schedule displaying each and every activity by Bar Chart	4 Points	4.00
i	Quality Management System covering complexity of the assignment with assured best standard quality	4 Points	2.00
<b>Total :</b>		<b>50 Points</b>	<b>30.00</b>

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt. Ltd

Section - III

Sr. No.	Description	Max. Marks	General Qualification Design Stage (30%)			Marks obtained (A)	Adequacy for the Assignment (50%)				Marks obtained (B)	Experience in Region and Language (10%)			Marks obtained (C)	Marks Obtained (A+B+C)			
			30% Weightage	Ph.D (Full Marks)	Masters (80% Marks)		Bachelors (60% Marks)	60% Weightage	No Adequacy (30%)	25 Years + (Full Marks)		15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	10% Weightage			25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)
a	Team Leader Water Supply Design	4 Points	1.20	1.20	0.96	0.72	0.72	2.40	0.72	2.40	1.92	1.20	2.40	0.40	0.40	0.32	0.40	0.40	3.52
b	Sr. Design Engineer (Hydraulics)	4 Points	1.20	1.20	0.96	0.72	0.96	2.40	0.72	2.40	1.92	1.20	2.40	0.40	0.40	0.32	0.20	0.40	3.76
c	Sr. Design Engineer (Electrical)	4 Points	1.20	1.20	0.96	0.72	0.96	2.40	0.72	2.40	1.92	1.20	2.40	0.40	0.40	0.32	0.20	0.40	3.76
d	Sr. Design Engineer (Mechanical)	4 Points	1.20	1.20	0.96	0.72	0.72	2.40	0.72	2.40	1.92	1.20	2.40	0.40	0.40	0.32	0.20	0.40	3.52
e	Contract Specialist	2 Points	0.60	0.60	0.48	0.36	0.36	1.20	0.36	1.20	0.96	0.60	1.20	0.20	0.20	0.16	0.10	0.20	1.76
f	Sr. Design Engineer (Structures)	3 Points	0.90	0.90	0.72	0.54	0.90	1.80	0.54	1.80	1.44	0.90	1.80	0.30	0.30	0.24	0.15	0.30	3.00
g	Sr. Professional (Environment)	3 Points	0.90	0.90	0.72	0.54	0.90	1.80	0.54	1.80	1.44	0.90	1.80	0.30	0.30	0.24	0.15	0.30	2.82
h	Sr. Geotech / Materials Engineer	3 Points	0.90	0.90	0.72	0.54	0.90	1.80	0.54	1.80	1.44	0.90	1.80	0.30	0.30	0.24	0.15	0.30	2.82
i	Sr. Professional (Surveys & GIS)	3 Points	0.90	0.90	0.72	0.54	0.90	1.80	0.54	1.80	1.44	0.90	1.80	0.30	0.30	0.24	0.15	0.30	2.64
Total :		30 Points						6.60					18.00					3.00	27.60

PEC xxx

Mandatory requirements

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.

EVALUATION CRITERIA  
Selection of Consultancy Firm for Additional 65 MGD Project

M/s. National Engineering Services Pakistan (Pvt.) Ltd. in association with M/s. Techno Legal Consultants Pvt.

Section - IV

Sr. No.	Description	Max. Marks	General Qualification (30%)		Adequacy for the Assignment (60%)				Experience in Region and Language (10%)				Marks Obtained (A+B+C)					
			Construction Supervisor, Stage	Marks obtained	Weightage	Masters (Full Marks)	Bachelors (70% Marks)	No Adequacy (30%)	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained		Weightage	25 Years + (Full Marks)	15 to 24 years (80% Marks)	10 to 14 years (50% Marks)	Marks obtained
IV	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR ASSIGNMENT (SUPERVISION TEAM)	10 Points			30% Weightage													
a	Chief Project Manager	2 Points	0.60	0.60	0.42	0.60	1.20	0.36	1.20	0.96	0.60	0.36	0.20	0.20	0.16	0.10	0.200	1.16
b	Chief Resident Engineer	2 Points	0.60	0.60	0.42	0.60	1.20	0.36	1.20	0.96	0.60	1.20	0.20	0.20	0.16	0.10	0.200	2.00
c	Chief of Surveying & GIS	1 Points	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	1.00
d	Chief Materials Engineer	1 Points	0.30	0.30	0.21	0.30	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.10	0.08	0.05	0.100	1.00
e	Senior Resident Engineer Civil - 3	3 Points	0.90	0.90	0.63	0.90	1.80	0.54	1.80	1.44	0.90	0.30	0.30	0.24	0.15		0.100	0.79
	SE F.E (Civil) - 01	1.00	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.100	0.080	0.050	0.100	0.79
	SE F.E (Civil) - 02	1.00	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.100	0.080	0.050	0.100	0.91
	SE F.E (Civil) - 03	1.00	0.30	0.30	0.21	0.21	0.60	0.18	0.60	0.48	0.30	0.60	0.10	0.100	0.080	0.050	0.100	0.70
f	Senior Resident Engineer E/IM	1 Points	0.30	0.30	0.21	0.00	0.60	0.18	0.60	0.48	0.30	0.30	0.10	0.100	0.080	0.050	0.100	0.28
	<b>Total :</b>	<b>10 Points</b>				<b>2.52</b>						<b>4.32</b>					<b>1.000</b>	<b>7.840</b>


Mandatory requirements

- Expert of Pakistan Origin (PhD or Masters Degree in relevant field from Foreign Universities of International repute and with minimum 15 years of experience.
- For each of the above positions (Expert or Engineer / Professional), a permanent employment certificate with the firm for at least 12 months shall have to be submitted by the firm to obtain full marks. In case of non submission of permanent employment certificate, only 50% of scored marks shall be awarded.


\* All Positions of Key Personnel under Section - III & IV have been awarded 50% Marks due to non submission of Permanent Employment Certificate.


Marks Obtained	Section - I	Section - II	Section - III	Section - IV	Total Marks	Status
6,000		30,000	26,720	7,840	70,560	Pass

  
Iqbal Palejro  
Executive Engineer (Haleji Canal) KW&SB  
(Member / Secretary)

  
Asst. Ali Khan  
Dy. Project Manager  
(K-IV), KW&SB (Member)

  
Ghulam Muhammad Shaikh  
Assistant Chief P&D Deptt. GOS  
(Member)

  
Akber Brijmani  
Dy. Secretary (Dev-II), Finance Deptt. GOS  
(Member)

  
Sikandar Ali Zardar  
Project Director (65 MGD Project) KW&SB  
(CONVENER)

**KARACHI WATER & SEWERAGE BOARD**  
**OFFICE OF THE PROJECT DIRECTOR**  
**ADDITIONAL 65 MGD PROJECT**

**ATTENDANCE SHEET**


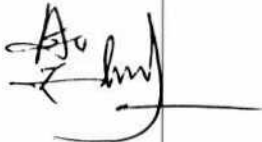


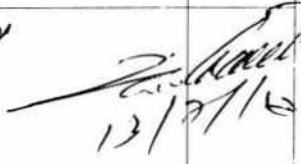
**CONSULTANT SELECTION COMMITTEE**

Name of Work: **OPENING OF FINANCIAL PROPOSALS OF CONSULTANTS FOR DETAILED DESIGN AND CONSTRUCTION SUPERVISION OF ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI**

Date of Opening: 13-07-2016

Time of Opening: 12.00 Noon

Venue: Office of the Project Director (Additional 65 MGD Project) Block-B, 9<sup>th</sup> Mile Karsaz, Karachi.

S.No	Name of Officers	Designation	Signature
1	ASIF ALI KHAN.	DPM (K-IV)	
2	Sikander Ali	Project Director	
3	ISMAIL PALIJO	EE (Haleji)	
4	M. Arshad Sobhan	320 FSD	
5	Ghulam Subhan Shahid	Assistant Chief (M&A) Pg D-Dept	 13/7/16

Engd Adil Gik

TIP  
Observer



**KARACHI WATER & SEWERAGE BOARD**  
**OFFICE OF THE PROJECT DIRECTOR**  
**ADDITIONAL 65 MGD PROJECT**

**ATTENDANCE SHEET**

**CONSULTING FIRMS**

Name of Work: **OPENING OF FINANCIAL PROPOSALS OF CONSULTANTS FOR DETAILED DESIGNED AND CONSTRUCTION SUPERVISION OF ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI**

Date of Opening: 13-07-2016

Time of Opening: 12.00 Noon

Venue: Office of the Project Director (Additional 65 MGD Project) Block-B, 9<sup>th</sup> Mile Karachi, Karachi.

S.No	Name of Firms	Name / Designation	Signature
1	NE SPAK	Abida Farah Sr. Engineer	Abida
2	EA Consulting Pvt Ltd	Asad Muneer Sr. Project Engineer	AM
3			
4			



# Karachi Water & Sewerage Board

Office of the Secretary (Consultant Selection Committee)

(65 MGD ADDITIONAL WATER SUPPLY PROJECT)

Block B, 9<sup>th</sup> Mile Karsaz, Shalrah-e-Faisal, Karachi

Tele # 992451301 Fax # 99240186

NO: KW&SB/Secy/65 MGD/KW&SB/2016/46

Dated: 19.09.2016

To,

**Mr. Javed Sabghatullah Mehar,**  
**Director(A&F),**  
**S.P.P.R.A.,**  
**Karachi.**

**SUBJECT: 65 MGD ADDITIONAL WATER SUPPLY FROM HALEJI TO PIPRI.**

With reference to the telephonic conversation with Project Director, enclosed please find herewith the following required documents as intimated for kind perusal, please:-

- 1) Annual Procurement Plan.
- 2) Extension of Bid Validity Period.
- 3) Notification, Complaint Redressal Committee.

SECRETARY

Consultant Selection Committee,  
65 MGD Addl. Water Supply Project,  
K.W.&S.B.

Copy to :-

- 1) The M.D., KWSB.
- 2) The D.M.D(T.S), KWSB.
- 3) The P.D., 65 MGD, KWSB.
- 4) Office copy.





# KARACHI WATER & SEWERAGE BOARD

Office of the Secretary (Consultant Selection Committee)

## Additional 65 MGD Water Supply Project

9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi, Block B, KW&SB Tel No. 092-21992154-16

No. KW&SB/Secy/65MGD/2016/42

Dated: 26<sup>th</sup> July 2016

1. M/s. EA Consulting Pvt. Ltd.  
in association with  
M/s. JERS Engineering Consultants
2. M/s. National Engineering Services Pakistan (Pvt.) Ltd.  
in association with  
M/s. Techno Legal Consultants Pvt. Ltd.

*Detailed Design & Construction Supervision of  
Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi*

**SUB: EXTENSION OF VALIDITY PERIOD OF TECHNICAL / FINANCIAL PROPOSALS REGARDING DETAILED DESIGN & CONSTRUCTION SUPERVISION OF ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI**

Pursuant upon Instructions to Consultants Clause 9.1 of L.O.I / R.F.P Document, read with Rule 38 of SPPRA 2010, you are requested to extend the validity period of your Technical / Financial Proposals submitted for the Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi, upto 30<sup>th</sup> of October 2016 in order to conclude the procurement proceedings.

You are requested to submit your response in accordance with Clause 9.1 of L.O.I / R.F.P Document / Rule 38 of SPPRA 2010, before the expiry of Validity Period of your Technical / Financial Proposals i.e. 2<sup>nd</sup> of August 2016

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

**Copy to :-**

1. Project Director (65 MGD), KW&SB
2. M/s. SPPRA

# KARACHI WATER AND SEWERAGE BOARD

OFFICE OF THE PROJECT DIRECTOR

65 MGD ADDITIONAL WATER SUPPLY FROM HALEJI TO PIPRI.

Annual Procurement Plan for the Year 2016-2017

Sr. #	Description of Procurement	Quantity where applicable	Estimated Unit Cost where applicable	Estimated total Cost (Pak Rs)	Fund Allocated	Sources of Funds ADP / Non ADP	Proposed Procurement Method	Timing of Procurement
1)	65 MGD Additional Water Supply from Haleji to Pipri.		5978.69	5978.69	1000.00 Million	ADP	Through Press - Website	Annual



SIKANDER ALI  
(PROJECT DIRECTOR)



# KARACHI WATER & SEWERAGE BOARD

## OFFICE OF THE PROJECT DIRECTOR (65 MGD)

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

No. KW&SB/P.D(65 MGD)/2016/ 01

Dated 15 February, 2016

### OFFICE ORDER

#### *Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi*

In accordance to Clause 31 of SPPRA Rules 2010, a Complaint Redressal Committee comprising of the following Members alongwith its T.O.R is constituted in order to carryout Redressal of any complaint lodged by a Bidder being the aggrieved party in respect of Detailed Design & Construction Supervision of Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi:-

- |  |                 |
|--|-----------------|
| 1. <b>Mr. Iftikhar Ahmed Khan</b><br>Dy. Managing Director (T/S), KW&SB      | <b>Convenor</b> |
| 2. <b>Syed Iftikhar ul Hassan</b><br>Divisional Accounts Officer, A.G. Sindh | <b>Member</b>   |
| 3. <b>Mr. Maqsood Ahmed Shaikh</b><br>S.E (Civil) Engg. Deptt. KMC           | <b>Member</b>   |

#### T.O.R

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

- Prohibit the procurement committee from acting or deciding in a manner, inconsistent with these rules and regulations
- 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;
- 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 (3) 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 with the approval of Competent Authority.

**SIKANDER ALI**

Project Director (65 MGD), KW&SB

#### Distribution:-

All Members, Complaint Redressal Committee

#### Copy to :-

Managing Director, KW&SB



**EA Consulting Pvt Ltd**  
(Formerly Engineering Associates)

No. EA/BDD/1598/07-16  
Friday, July 29, 2016

**The Secretary**  
Consultant Selection Committee  
65 MGD Project  
Karachi Water & Sewerage Board  
Block B, 9th Mile Office  
Shahra-e-Faisal  
**Karachi**  
T: 99245130  
F: 99240186

ENGINEERING  
ARCHITECTURE  
PROJECT MANAGEMENT

KARACHI  
ISLAMABAD  
GHORE  
MIRAN  
RAJAH

**Subject: CONSULTANCY SERVICES FOR DETAILED DESIGN AND CONSTRUCTION SUPERVISION OF ADDITIONAL 65MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI**

**Dear Sir,**

As desired by you vide letter No. KW&SB/Secy/65MGD/2016/42 dated 26<sup>th</sup> July 2016, we hereby extend the validity period of our Technical / Financial Proposal up to 30<sup>th</sup> October 2016

Thanking you.

Yours faithfully,

for *EA Consulting Pvt. Ltd.* and *JERS Engineering Consultants*

**S.M. Mujtaba Hassan**  
Sr. Manager Business Development  
[mujtaba.hassan@caeworld.com.pk](mailto:mujtaba.hassan@caeworld.com.pk)

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F: +92 21 1581 1827  
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www.caeworld.com