



# KARACHI WATER & SEWERAGE BOARD

## OFFICE OF THE PROJECT DIRECTOR

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

1<sup>st</sup> Floor Chairman Secretariat 9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi,

No. KW&SB/PD/65 MGD/2018/ 54

Dated: 15/02/2018

To,

1. M/s. Haji Sirajuddin Soomro  
Plot No. X-22, Extension Area, SITE, Kotri.
2. M/s. National Logistic Board and Cell,  
HQ Project Directorate NLC South,  
New Hajji Camp, Sultanabad, Karachi.
3. M/s. Sardar Muhammad Ashraf D. Baloch Pvt. Ltd.  
In Association with  
M/s. Shahrukh Engineers & Contractor (JV)  
4th Floor, Panorama Center, Suite No. 405-406,  
Building No. 2, Raja Ghazanfar Ali Khan Road.

### PACKAGE # 3

**"Laying of 72 Inch Dia Mild Steel Pipe Rising Main from Gharo Pumping Station to High Point (Forebay)" under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi. (SPPRA SNO. 36514.**

### ADDENDUM NO.01

The following amendment is made in the Bidding Document issued to the Pre-qualified Contracting Firms of Group "B" Works for above mentioned Package # 3 under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi:-

#### 1. Bidding Document: Volume 01

##### Price Adjustment under Clause 70

(i) Appendix C to Bid: Page 7 of 17

(ii) X-42 Grade HR Coil

(iii) In the Column of Applicable Index

Government of Pakistan (GP) Federal Bureau of Statistic (FBS) Monthly Statistic Bulletin may be deleted and replaced with Pakistan Steel Rates of X-42 Grade HR Coil.

#### 2. Bidding Document: Volume - III

##### Bill of Quantities

(i) Excavation  
Bill No. 01 Page 1 of 6

(a) Sr. No. 2.2.6 from 6.5m to 7.5m may be deleted and replaced with 9.0 m to 10.5m.

SPPRA INWARD DIARY

NO : 2768

DATED : 15-02-18

(Muztaz 30.56)  
Pl. Cost.  
w/p.  
15/2/18



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1<sup>st</sup> Floor Chairman Secretariat 9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi,

- (b) Sr. No. 2.2.7 from 7.5m to 9.0m may be deleted and replaced with 10.5m to 12m.

### Excavation

#### Bill No. 01 Page 2 of 6

- (c) Sr. No. 3.3.6 from 6.5m to 7.5m may be deleted and replaced with 9m to 10.5m.
- (d) Sr. No. 3.3.7 from 7.5m to 9.0m may be deleted and replaced with 10.5m to 12m.

### (ii) PIPE WORKS

- (a) Bill No.01: Page 4 of 6 Sr: 6.1

1800mm (72") I.D x 12mm WT may be deleted and replaced with 1824mm O.D x 12mm WT.

- (b) Bill No. 01: Page 4 of 6 Sr: 6.2

300mm (12") I.D x 8mm WT may be deleted and replaced with 316mm O.D x 8mm WT.

### (iii) Puddle Flanges M.S

- (a) Bill No. 01: Page 4 of 6 Sr:7.1

1800mm dia may be deleted and replaced with 1824mm dia.

- (b) Bill No. 01: Page 4 of 6 Sr:7.2

300mm dia may be deleted and replaced with 316mm dia.

### (iv) Miscellaneous Works

Bill No. 03: Page 1 of 1 Sr: 4.4

Multimedia System may be deleted and replaced with Multimedia System (HITACHI CP- WU 5500 with Screen, or Equivalent).

### 3. Bidding Document: Volume - IV

#### Tender Drawings

- (a) Drawing No. EA-942-65M-PIII-U-W 406



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## **OFFICE OF THE PROJECT DIRECTOR**

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

1<sup>st</sup> Floor Chairman Secretariat 9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi,

- (i) 1800mm dia M.S Pipe may be deleted and replaced with 1824mm O.D (12mm WT) M.S Pipe.
- (ii) Steel Casing dia 2100mm may be deleted and replaced with 2124mm O.D (12mm WT).
- (b) **Engineer's Office Building at KW&SB 9<sup>th</sup> Mile Karsaz**  
Add drawing No. EA-942-65M-PIII—U-EF01
- (c) **Cross Section & Compound Wall Detail**  
Add drawing No. EA-942-65M-PIII-U-EF-02
- (d) **Location Plan New Engineer's Office Building 9<sup>th</sup> Mile karsaz**  
Add drawing No. EA-942-65M-PIII-U-NOB-01
- (e) **Foundation Layout and Details**  
Add drawing No. EA-942-65M-PI-S-W414
- (f) **Plinth Level Framing plan and Details**  
Add drawing No. EA-942-65M-PI-S-W415
- (g) **Roof Plan and Reinforcement Details**  
Add drawing No. EA-942-65M-PI-S-W416
- (h) **Upper Roof and Reinforcement Details**  
Add drawing No. EA-942-65M-PI-S-W417
- (i) **Ground Floor Lighting Layout Plan of Engineer's Office Building at KW&SB 9<sup>th</sup> Mile karsaz**  
Add Drawing No.EA-942-65M-PIII-E-1001
- (j) **First Floor Lighting Layout plan of Engineer's Office Building at KW&SB 9<sup>th</sup> Mile Karsaz**  
Add Drawing No. EA-942-65M-PIII-E-1002
- (k) **Ground Floor Small Power Layout Plan of Engineer's Office Building at KW&SB 9<sup>th</sup> Mile Karsaz**  
Add Drawing No.EA-942-65M-PIII-E-1003



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## OFFICE OF THE PROJECT DIRECTOR

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

1<sup>st</sup> Floor Chairman Secretariat 9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi,

- (l) **First Floor Small Power Layout Plan of Engineer's Office Building at KW&SB 9<sup>th</sup> Mile Karsaz**

Add Drawing No.ES-942-65M-PII-I.T-1004

- (m) **Ground Floor I.T Security Layout Plan of Engineer's Office Building at KW&SB 9<sup>th</sup> Mile Karsaz**

Add Drawing No.EA-942-65M-PIII-I.T-1001

- (n) **First Floor I.T Security Layout Plan of Engineer's Office Building at KW&SB 9<sup>th</sup> Mile Karsaz**

Add Drawing No.ES-942-65M-PII-I.T-1002

- (o) **Model Development**

Add Drawing of Greater Karachi Bulk Water Supply System.

*Handwritten signature and date: 15/2/2014*

**PROJECT DIRECTOR  
65 MGD Project, KW&SB**

**Copy to:**

1. Project Manager 65 MGD Project
2. M/s. SPPRA
3. M/s E.A Consulting Pvt. Ltd.



# KARACHI WATER & SEWERAGE BOARD

## OFFICE OF THE EXECUTIVE ENGINEER

**ADDITIONAL 65 MGD WATER SUPPLY SCHEME FROM HALEJI TO PIPRI, KARACHI**  
1<sup>st</sup> Floor Chairman Secretariat, 9<sup>th</sup> Mile Karsaz, Shahrah-e-Faisal, Karachi,

No. KW&SB/E.E/65 MGD/2018/ 83

Dated: 15/2/ 2018

To,

1. M/s Haji Sirajuudin Soomro  
Plot No. X-22 Extension Area, SITE Kotri.
2. M/s NLC Engineers.  
HQ Project Directorate NLC (South)  
New Haji Camp Sultanabad, Karachi, Pakistan  
Tel: 021-111-652-000 - 021 99205459
3. M/s.Sardar Muhammad Ashraf D. Baloch Pvt. Ltd.  
In Association with  
M/s. Shahrukh Engineers & Contractor (JV)  
4<sup>th</sup> Floor, Panorama Center, Suite No. 405-406,  
Building No. 2, Raja Ghazanfar Ali Khan Road

### MINUTES OF PRE BID MEETING

**Sub: Package # 3 "Laying of 72 Inch Dia Mild Steel Pipe Rising Main from Gharo Pumping Station to High Point (Forebay)" under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.**

Enclosed please find herewith Minutes of Pre Bid Meeting Held on 8<sup>th</sup> of February 2018 in the Committee Room, Managing Director's Secretariat 9<sup>th</sup> Mile KW&SB in respect of Package # 3 "Laying of 72 Inch Dia Mild Steel Pipe Rising Main from Gharo Pumping Station to High Point (Forebay)" under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi for record and necessary action at your end.

**Encl:** Minutes of Pre Bid Meeting

EXECUTIVE ENGINEER  
65 MGD Project, KW&SB

Copy to:

1. Project Manager 65 MGD Project
2. Dy. Project Manager 65 MGD Project
3. M/s. SPPRA
4. M/s E.A Consulting Pvt. Ltd.



# KARACHI WATER & SEWERAGE BOARD

## Package # 3

### Laying of 72 Inch Dia Mild Steel Pipe Rising Main from Gharo Pumping Station to High Point (Forebay) under Additional 65 MGD Water Supply Scheme from Haleji to Pipri, Karachi.

## MINUTES OF PRE BID MEETING

In accordance with the requirement of Section IB,17 of Instruction to Bidders a Pre-Bid Meeting for above mentioned Contract Package was Held at 1700 Hrs, on Thursday the 08<sup>th</sup> of February 2018 in the Committee Room, Managing Director's Secretariat KW&SB, Block "D" 9<sup>th</sup> Mile Karsaz, Shakra-e-Faisal, Karachi.

Following attended the meeting:-

### M/s. HAJI SIRAJUDDIN SOOMRO:

1. Mr. Ibne Hassan (Project Director)
2. Mr. Shahzad Akhter (Q.S)

### M/s. NATIONAL LOGISTIC BOARD & CELL :

1. Mr. Atif Hassan (A.Q.S)

### M/s. SARDAR MOHAMMAD ASHRAF D. BALOCH:

1. Samiullah Khan (A.Q.S)

### EMPLOYER (KW&SB)

- |                      |                            |            |
|----------------------|----------------------------|------------|
| 1. Mr. Zafar Palijo  | Project Director 65 MGD    | (in Chair) |
| 2. Mr. Akram Baloch  | Project Manager 65 MGD     |            |
| 3. Mr. Asif Ali Khan | Dy. Project Manager 65 MGD |            |
| 4. Mr. Iqbal Palijo  | Executive Engr. 65 MGD     |            |

### Engineer (M/s E.A Consuting Pvt Ltd.)

- |                       |                        |
|-----------------------|------------------------|
| 1. Mr. Abdul Rawoof   | Contract Engineer      |
| 2. Syed Munawar Zaman | Senior Design Engineer |



# KARACHI WATER & SEWERAGE BOARD

The queries raised by the participants of the Pre Bid Meeting were responded accordingly and are presented hereunder:

Sr.#	Query	Response
1.	<p><b><u>M/s HAJI SIRAJUDDIN SOOMRO:</u></b></p> <p><b><u>BILL NO.01</u></b></p> <p><b><u>PIPE &amp; CHAMBER WORKS</u></b></p> <p><b><u>ITEM # 6 PIPE WORKS</u></b></p> <p>In this item of work for 6.1 &amp; 6.2 on page 4 of 6, the diameter of pipes are mentioned 1800mm (72") I.D x 12mm WT and 300mm (12") I.D x WT whereas; in API 5L specification for line pipe, all diameter are mentioned as outer diameter. The internal diameter as mentioned above is deviating from API 5L specification. Moreover, 1800mm is not equal to 72" and 300mm is not equal to 12". In API 5L specification for line pipe for outer dia of 72" pipe is mentioned as 1829mm whereas; as given in BOQ the outer diameter is 1824mm, Please clarify.</p>	<p>All dimensions are in millimetres (mm).</p> <p>The nominal diameter as mentioned is ID with the wall thickness, The outer dia is calculated by adding the two times of wall thickness in the ID.</p>
2.	<p>The quantities for item of excavation from depth 6.0m to 7.5 and 7.5m to 9.0m are given twice. Please clarify.</p>	<p>BOQ Item # 2.2.6 may be read as From 9.0m to 10.5m &amp; Item # 2.2.7 may be read as From 10.5m to 12.00m</p>
3.	<p>Puddle Flange (M.S) and Air Release Valves items # 7 &amp; 9 of BOQ is mentioned as 1800mm and 300mm dia without mentioning if these are ID or OD. We assume outer diameter of pipes are 1824mm and 324mm dia respectively as mentioned in items # 6. We also assume that the flanges, valves and fittings shall be fixed / installed in accordance with outer dia. However, please clarify.</p>	<p>The ID and wall thickness are given and OD may be calculated accordingly.</p>
4.	<p>In items # 13 for thrust boring, the drawing is showing 1800mm whereas; it should be 1824mm. Please clarify.</p>	<p>Please refer BOQ item # 13. Outer dia as mentioned in the BOQ = 1824 In the drawing Internal dia is mentioned as 1800</p>





## KARACHI WATER & SEWERAGE BOARD

5.	In item # 9 Bill # 3, no detail of angle Iron for fencing nor any other details pertaining to the construction of boundary wall in drawing for Engineer's Office block is shown / mentioned. External Developed and paved parking details are missing. Please provide the above mentioned details.	Item # 9 does not exist in Bill # 3 of BOQ Fencing is not required in Engineer's Office Block.  External Development and paved parking details are attached.
6.	In the item of excavation the depth from 6.5m to 7.5m and 7.5 to 9.0m are given twice in the BOQ of pipe line & chamber works. Please clarify.	BOQ Item # 3.3.6 may be read as From 9.0m to 10.5m & Item # 3.3.7 may be read as From 10.5m to 12.00m
7.	Please provide design pressure of the pipe line.	The Design Pressure is 85 m Head
8.	Please provide Soil Test Report.	Copy of Soil Investigation is attached
9.	In Sr. No. 12 of special stipulation on page 5 of 17 of VOL-I and Sub Clause 60.10 relating to time for payment after delivery of IPC from Engineer to Employer is mentioned as 30 days whereas; it is not clarified as to how many days the Engineer / Consultant will take to verify the IPC.	The verification of Contractor's IPA by the Consultant / Employer is included in 30 days.
10.	The amount of liquidated damages as mentioned in special stipulation on page 4 of 17 is 0.3 % each day of delays which is high percentage as compared to normal practice where liquidated damages are imposed as 0.1 % each day of delays.	The amount of liquidated damages as mentioned in special stipulation on page 4 of 17 cannot not be altered or changed.
11.	No drawings of Karachi Water Supply Network Model from Keenjhar Lake to Karachi is given nor any details for Multi Media System requirement is mentioned. Please provide the above missing information / drawing.	1-Drawing of Karachi Water Supply System for Model Development is attached  2-Detail of Multimedia is as follows HITACHI CP-WU5500 with Screen or Equivalent.
12.	Electrical works, Fixtures & Fitting and Plumbing works, Fixtures & Fitting details required. Please provide the above missing information.	The Detailed Drawing is attached.
13.	In Appendix C- to Bid: Escalation is allowed on X-42 Grade HR-Coil based on Government of Pakistan (GP)	In Appendix C- to Bid Government of Pakistan (GP) Federal Bureau of Statistics (FBS) Monthly





## KARACHI WATER & SEWERAGE BOARD

<p>Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin, whereas; HR Coil will be imported since Steel Mills is not producing HR Coil. Instead of relating it with Statistical Bulletin, the rates may kindly be assessed on prevailing dollar rates together with duty imposed on the consignment.</p>	<p>Statistical Bulletin, may be replaced with Pakistan Steel Rates of X-42 Grade HR Coil.</p>
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The Meeting ended with a vote of thanks to and from the Chair.

A handwritten signature in black ink, appearing to be the initials "P.A." with a flourish underneath.