



491

KARACHI WATER & SEWERAGE BOARD
OFFICE OF THE CHIEF ENGINEER (K-IV)
9th Mile Karsaz, Shara-e-Faisal, Karachi

No. KW&SB/C.E/K-IV/2014/640

Dated: April 21, 2014

To,

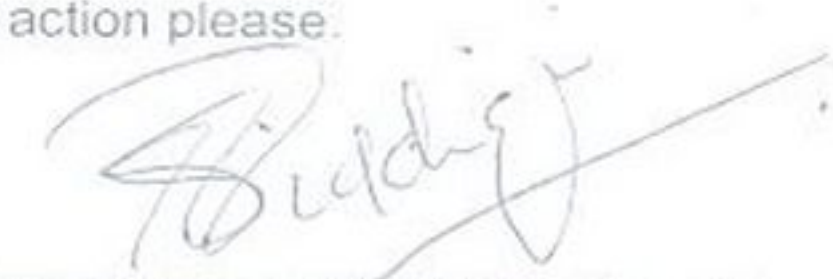
1. M/s. EA Consulting (Pvt.) Ltd. / M/s. S.A.M.A.N / ISAN Corporation of Korea
2. M/s. Osmani & Company (Pvt.) Ltd. / M/s. D.O.X.I.A.D.I.S
3. M/s. NESPAK (Pvt.) Ltd. / M/s. Techno Consult. Intl.
4. M/s. M.M. Pakistan (Pvt.) Ltd. / M/s. ACE / M/s. M.M.I.L, UK

Consulting Services for detailed Design & Construction Supervision of
Greater Karachi Bulk Water Supply Scheme, K-IV Phase-I
260 MGD From Kinjhar Lake To Karachi

SUB: EXTENSION IN THE DATE OF SUBMISSION OF TECHNICAL AND FINANCIAL PROPOSALS FOR DESIGN & CONSTRUCTION SUPERVISION OF GREATER KARACHI BULK WATER SUPPLY SCHEME, K-IV PHASE-I (260 MGD)

In response to the requests made by the Pre-qualified Consultancy Firms for the extension in the date of submission of Technical and Financial Proposals for Design & Construction Supervision of Greater Karachi Bulk Water Supply Scheme, K-IV Phase-I (260 MGD), the Competent Authority of KW&SB, is pleased to extend the date for the submission of Proposals from 22nd April 2014 to 22nd May, 2014 upto 14:00 Hrs. Accordingly, the Technical Proposals will be opened on the extended date i.e. 22nd May, 2014 at 14:30 Hrs.

This is for your information and further necessary action please.


Chief Engineer (K-IV Project)
Karachi Water & Sewerage Board

Copy to :-

1. Managing Director, KW&SB
2. D.M.D (Planning), KW&SB
3. Project Director (K-IV), KW&SB
- ✓ 4. Manager (CB), SPPRA, GOS
5. All Members of Committee
6. Transparency International – Pakistan
7. Chief Engineer – II (K-IV) KW&SB
8. Project Manager (K-IV), KW&SB

22/4/14
23/4/14
Awt

RECEIVED DIARY

NO: 13773

22-4

GREATER KARACHI BULK WATER SUPPLY SCHEME K-4 PROJECT, PHASE -1, 260 MGD

ADDENDUM NR # 1

The following changes may be noted, and incorporated in the man month

FORM FIN – 4

BREAK DOWN OF REMUNERATION AT DESIGN STAGE

The Man-month In section **B-5 Contract and QS Team** has been reduced for :

Contract Specialist from 18 months to 12 months

Resulting in reducing the Total Design 885 Man-months to 879 Man-months

Similarly, the following changes may be noted, and incorporated in the

FORM FIN – 5

SUPERVISION STAGE

The Man-month In section **C-1 CRE / Hydraulic Works Team** has been reduced for :

No. 2, RE from 12 numbers to 10 numbers thereby reducing the man-months for

C-1, No 2. RE (Civil) from 432 man-months to 360 man-months

Similarly, the man-months From C-2, Water Treatment Plant and Reservior Works Team has been reduced for :

No. 2, RE from 4 numbers to 2 numbers thereby reducing the man-months for

C-2, No 2. RE (Civil) from 120 man-months to 60 man-months

In the same way, man-months From C-3, Pumping Station Works Team has been reduced for:

No. 2, RE from 4 numbers to 2 numbers thereby reducing the man-months for

C-3, No 2. RE (Mech) from 96 man-months to 48 man-months

Resulting in reducing the Total Supervision 4446 Man-months to 4266 Man-months

The changes in the Total man-months for design and supervision as advised, by this

Addendum No 1, may be incorporated in RFP document where ever applicable.

DESIGN PHASE

FORM FIN-4 BREAKDOWN OF REMUNERATION AT DESIGN STAGE

A - DETAILED DESIGNING CORE TEAM									
No.	Name	Position	Qty.	Staff Input MM		Total MM	Monthly Rate (PKR)		Total Amount (PKR)
				Home	Field		Home	Field	
1		Team Leader Design	1	18		18			
2		Sr. Design Engineer (Hydraulics)	2	9		18			
3		Sr. Design Engineer (Pumping Stations)	1	9		9			
4		Sr. Design Engineer (Treatment Plant)	1	9		9			
5		Sr. Design Engineer (Structures)	2	9		18			
6		Sr. Professional (Environment)	1	9		9			
7		Sr. Geotech / Materials Engineer	1	9		9			
8		Sr. Professional (Surveys & GIS)	1	9		9			
SUB-TOTAL OF A (PKR)			10	81		99			

B - DETAILED DESIGN SUPPORT TEAMS									
No.	Name	Position	Qty.	Staff Input MM		Total MM	Monthly Rate (PKR)		Total Amount (PKR)
				Home	Field		Home	Field	
B1 - Hydraulic Works Team									
1		Design Engineers	4	9		36			
2		Jr. Design Engineers	4	9		36			
3		CAD Professionals	4	9		36			
4		Computer Operators	4	9		36			
Sub Total (PKR)			16	36		144			
B2 - Pumping Station Works Team									
1		Design Engineers	2	9		18			
2		Jr. Design Engineers	4	9		36			
3		CAD Professionals	2	9		18			
4		Computer Operators	2	9		18			

B - DETAILED DESIGN SUPPORT TEAMS									
No.	Name	Position	Qty.	Staff Input MM		Total MM	Monthly Rate (PKR)		Total Amount (PKR)
				Home	Field		Home	Field	
Sub Total (PKR)			10	36		90			
B3 - Water Treatment Plant & Reservoirs Works Team									
1		Design Engineers	2	9		18			
2		Jr. Design Engineers	4	9		36			
3		CAD Professionals	2	9		18			
4		Computer Operators	2	9		18			
Sub Total (PKR)			10	36		90			
B4 - Structural Design Team									
1		Design Engineers	4	9		36			
2		Jr. Design Engineers	8	9		72			
3		CAD Professionals	2	9		18			
4		Computer Operators	2	9		18			
Sub Total (PKR)			16	36		144			
B-5 - Contracts & QS Team									
1		Contract Specialist	1	12		12			
2		Sr. Quantity Surveyor	2	9		18			
3		Jr. Quantity Surveyor	8	9		72			
4		CAD Professionals	3	9		27			
5		Computer Operators	3	9		27			
Sub Total (PKR)			17	54		156			
B-6- Environmental Assessment Team									
1		Sr. Environmental Professional	1	6		6			
2		Jr. Environmental Professional	1	6		6			
3		Computer Operator	1	9		9			
Sub Total (PKR)			3	21		21			
B-7 - GIS & Survey Teams									
1		Sr. GIS Professional	1	9		9			
2		Jr. GIS Professional	2	9		18			
3		Sr. Survey Professional	4	9		36			
4		Jr. Survey Professional	8	9		72			
Sub Total (PKR)			15	36		135			

B - DETAILED DESIGN SUPPORT TEAMS									
No.	Name	Position	Qty.	Staff Input MM		Total MM	Monthly Rate (PKR)		Total Amount (PKR)
				Home	Field		Home	Field	
SUB-TOTAL OF B (PKR)			87	255		780			
TOTAL OF REMUNERATION (A+B) PKR			97	336	6	879			

Signatures: _____

Name:

Title:

Dated:

SUPERVISION PHASE

FORM FIN-5 BREAKDOWN OF REMUNERATION AT DESIGN STAGE

A - PROJECT MANAGEMENT TEAM (DURING SUPERVISION PHASE)									
No.	Name	Position	Qty.	Staff Input MM		Total MM	Monthly Rate (PKR)		Total Amount (PKR)
				Home	Field		Home	Field	
1		Chief Project Manager	1	36		36			
2		Procurement Specialist	1	18		18			
3		Contracts Expert	1	18		18			
4		Sr. CAD Operator	1	36		36			
5		Sr. Computer Operator	1	36		36			
SUB-TOTAL OF A (PKR)			5	144		144			

B - CRE CONSTRUCTION SUPERVISION CORE TEAM									
No.	Name	Position	Qty.	Staff Input MM		Total MM	Monthly Rate (PKR)		Total Amount (PKR)
				Home	Field		Home	Field	
1		Chief Resident Engineer	1		36	36			
2		Chief Quantity Surveyor	1		36	36			
3		Chief of Surveying & GIS	1		36	36			
4		Chief Materials Engineer	1		36	36			
SUB-TOTAL OF B (PKR)			4		144	144			

C-SRE CONSTRUCTION SUPERVISION TEAMS

No.	Name	Position	Qty	Staffing MM	MM	MM	Monthly Rate (PKR)	Home	Field	Total Amount (PKR)
-----	------	----------	-----	----------------	----	----	-----------------------	------	-------	--------------------------

C1-SRE Civil / Hydraulic Works Team

1		SRE (Civil)	4		36	144				
2		RE	10		36	360				
3		ME	4		36	144				
4		ARE	16		36	576				
5		Sr. QS	4		36	144				
6		Jr. QS	4		36	144				
7		Site Inspectors	32		36	1152				
Sub Total (PKR)			76		252	2664				

C2 Water Treatment Plant & Reservoirs Works Team

1		SRE (Civil)	2		33	66				
2		RE (Civil)	2		30	60				
3		ARE	8		30	240				
4		Sr. QS	1		30	30				
5		Site Inspectors	8		30	240				
7		Surveyors	4		30	120				
Sub Total (PKR)			27		183	756				

C3 - Pumping Station Works Team

1		SRE (E&M)	2		27	54				
2		RE (E&M)	2		24	48				
3		ARE	8		24	192				
4		Sr. QS	1		24	24				
5		Site Inspectors	8		24	192				
6		Surveyors	2		24	48				
Sub Total (PKR)			25		147	558				

SUB-TOTAL OF C (PKR)			128		582	3978				
----------------------	--	--	-----	--	-----	------	--	--	--	--

C-SRE CONSTRUCTION SUPERVISION TEAMS									
No.	Name	Position	Qty.	Staff Input MM		Total MM	Monthly Rate (PKR)		Total Amount (PKR)
				Home	Field		Home	Field	

TOTAL REMUNERATION (A+B+C) PKR			137		870	4285			
--------------------------------	--	--	-----	--	-----	------	--	--	--

Signatures: _____

Name:

Title:

Dated:

GREATER KARACHI BULK WATER SUPPLY SCHEME K-4 PROJECT, PHASE -1, 260 MGD

ADDENDUM NR # 2

EVALUATION CRITERIA FOR K-IV PROJECT

In the RFP issued by KWSB The Evaluation Criteria – Section -10, was based on 5 Sections with a total 100 Marks.

1. Section No 4, FINANCIAL CAPACITY OF THE FIRM SHALL BE DETERMINED BY THE SUBMISSION OF THE LAST 3 YEARS AUDITED BALANCE SHEETS BY THE FIRMS with a score of 5 Marks has been deleted, and these 5 marks has been added to Section - 3 of the Evaluation Criteria. Thus, the total score of 20 marks for Section – 3 shall now become 25 Marks. While all the rest sections and their marks will remain same.
2. Now there shall be 4 Sections, in the Evaluation Criteria, while the total score will still be 100 marks.
3. The Passing Marks for Technical Proposal has been changed from 75 % to 70 % . Any firm obtaining 70 % or above score on aggregate shall pass the Technical Proposal Evaluation.

The changes in the Evaluation Criteria as advised, by this **Addendum No 2**, may be incorporated in **Section No 10**, in the Data Sheet and in the RFP document, where ever applicable.

EVALUATION CTITERIA FOR K-IV PROJECT

TOTAL 100 MARKS

1	UNDERSTANDING OF PROJECT AND CONSULTANT'S APPROACH	<u>15 Marks</u>
A	Understanding of the Scope of Work and Design considerations of K-IV Project (Detailed Description)	6 Marks
B	Understanding of the Time Constraints of the K-IV and its design and supervision stages	4 Marks
C	Specialized Services , skills and access to particular technologies of a consultant, and his Approach to Design and Construction Supervision of the K-IV Project	5 Marks

2	ADEQUACY OF PROPOSED METHODOLOGY AND WORK PLAN IN RESPONDING TO THE TOR	<u>30 Marks</u>
A	Technical approach & Methodology of the detailed Engineering Design and its various components	10 Marks
B	Methodology of Construction Supervision and its various components	5 Marks
C	Work Plan: for submittal & 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	3 Marks
	Organization & Staffing Manning Schedule for both Design & Supervision	3 Marks
	Activity Schedule displaying each and every activity by bar chart	4 Marks
D	Quality Management system covering complexity of the assignment with assured best standard quality	5 Marks

3	SPECIFIC EXPERIENCE & PAST PERFORMANCE ON SIMILAR ASSIGNMENT & IN SIMILAR GEOGRAPHICAL CONDITIONS	<u>25 Marks</u>
A	PAST EXPERIENCE DESIGN (15 MARKS)	
i	Successfully completed one assignment for design of bulk water supply work with a project cost over Rs. 5 billion in the last 20 years any- where in the world.	5 MARKS
ii	Successfully completed 2 assignments for design of water supply work with a project cost over Rs. 5 billion in the last 20 years	10 MARKS
iii	Completed More than 2 Bulk water supply design assignments over Rs. 5 Billion project cost	15 MARKS
B	CONSTRUCTION SUPERVISION (10 MARKS)	
i	Successfully completed one assignment for Supervision of water supply project any where in the world or in similar geographical conditions with a project cost over Rs. 5 billion in the last 20 years	5 MARKS
ii	Successfully completed TWO or more than two assignment for Supervision of water supply project any where in the world or in similar geographical conditions with a project cost over Rs. 5 billion in the last 20 years	10 MARKS
4	KEY PROFESSIONAL STAFF QUALIFICATION & COMPETENCE FOR THE ASSIGNMENT ie. DETAILED DESIGNING CORE TEAM PROPOSED FOR THE PROJECT & SUPERVISION TEAM	<u>30 Marks</u>
	DESIGN TEAM (20 MARKS)	
A	Team Leader Water Supply Design	5 MARKS
B	Sr. Design Engineer (Hydraulics)	2 MARKS
C	Sr. Design Engineer (Pumping Stations)	2MARKS
D	Sr. Design Engineer (Treatment Plant)	2 MARKS
E	Contract specialist	2 MARKS
F	Sr. Design Engineer (Structures)	2 MARKS
G	Sr. Professional (Environment)	2 MARKS
H	Sr. Geotech / Materials Engineer	2 MARKS

I	Sr. Professional (Surveys & GIS)	1 MARKS
	SUPERVISION TEAM (10 MARKS)	
A	Chief Resident Engineer	4 MARKS
C	Chief of Surveying & GIS	1 MARKS
D	Chief Materials Engineer	1 MARKS
E	Senior Resident Engineer Civil – 6 Nos.	3 MARKS
F	Senior Resident Engineer E/M – 2 Nos.	1 MARKS

<u>TOTAL MARKS</u>	<u>100 Marks</u>
---------------------------	-------------------------

EVALUATION CTITERIA:

1. Each firm must secure at-least 1/3 rd marks in each section to qualify.
2. Firm obtaining 70 % or above score on aggregate shall pass the Technical Proposal Evaluation.

SUB CRITERIA FOR MARKING OF No 1.

UNDERSTANDING OF PROJECT AND CONSULTANT'S APPROACH 15 Marks

1. Understanding of the Scope of Work and Design considerations of K-IV Project (Detailed Description) (6 Marks)
 1. Sequential activity - project plan of Scope of work (2 Marks)
 2. Perception of Project requirements (2 Marks)
 3. Response to meet employers requirements as given in TOR (2 Marks)

 2. Understanding of the Time Constraints of the K-IV and its design (4 Marks)
 1. Poor Understanding (0 Mark)
 2. Average Understanding (2 Marks)
 3. Good Understanding (4 Marks)

 3. Specialized Services, skills and access to particular technologies of a consultant, and his Approach to Design and Construction Supervision of the K-IV Project (5 Marks)
 1. Conventional approach (1 Mark)
 2. Specialized services, skills & technologies (2+1+2) (5 Marks)
-