

ADDENDUM No.1
Bidding Documents
(Design, Build and Operate Contract)

Invitation For Bids

Pakistan

Extension of Water Resources for Faisalabad City, Phase-II

Establishment of New Surface Water Treatment Plant and Extension of Existing Surface Water Treatment Plant through Design, Build & Operate Contract

Sr. No.	Reference	Page no.	Revision	Revised Provision
1	ITB 19.3 (a) under Section II [Bid Data Sheet] of Bidding Documents	Page II-5 of Section II – [Bid Data Sheet]	ITB 19.3 (a) under Section II [Bid Data Sheet] of Bidding Documents shall not apply due to adjustable price contract and accordingly ITB 19.3 (a) under Section II [Bid Data Sheet] shall now be read as stipulated under column for “Revised Provision”.	“Not applicable due to adjustable price contract as specified in Sub-Clause 13.8 of PCC – Table A.”
2	Sub-heading [Evaluation of the technical factor Key Personnel (Design Build and Operation Phase)] under heading 1.3 [Scoring of the Technical Bid] of Section III – Evaluation and	Page III-5 of Section III – [Evaluation and Qualification Criteria]	The mechanism for evaluation of the broken down point under (i) to (iii) of Sub-heading [Evaluation of the technical factor Key Personnel (Design Build and Operation Phase)] under heading 1.3 [Scoring of the Technical Bid] of Section III – Evaluation and Qualification Criteria shall be as stipulated under column for “Revised Provision”.	Refer to <u>Annex-A</u> attached herewith to be added at the end of the “ Note ” contained in Sub-heading [Evaluation of the technical factor Key Personnel (Design Build and Operation Phase)] under heading 1.3 [Scoring of the Technical Bid] of Section III – Evaluation and Qualification Criteria of Bidding Documents

	Qualification Criteria of Bidding Documents			
3	Form PER-1 [Contractor's Representative and Key Proposed Personnel] under Section IV [Bidding Forms] of Bidding Documents	Page IV-71 & IV-72 of Section IV – [Bidding Forms]	Reference to “International” wherever appearing in Column for “Position” under table stipulated in Form PER-1 [Contractor's Representative and Key Proposed Personnel] under Section IV [Bidding Forms] of Bidding Documents is deleted. Whereas listed positions and corresponding qualification requirement stated in aforementioned table are harmonized with Section III [Evaluation and Qualification Criteria]. Accordingly the table shall now be read as stipulated under column for “Revised Provision”.	Refer to <u>Annex-B</u> attached herewith replacing the table contained in Form PER-1 [Contractor's Representative and Key Proposed Personnel] under Section IV [Bidding Forms] of Bidding Documents
4	Form PER-2 [Resume and Declaration of Contractor's Representative and Key Personnel] under Section IV [Bidding Forms] of Bidding Documents	Page IV-73 & IV-74 of Section IV – [Bidding Forms]	The information required in Form PER-2 [Resume and Declaration of Contractor's Representative and Key Personnel] under Section IV [Bidding Forms] of Bidding Documents shall include details of Training and experience specific to South Asia region. Accordingly the Form PER-2 shall now be read as stipulated under column for “Revised Provision”.	Refer to <u>Annex-C</u> attached herewith replacing the Form PER-2 [Resume and Declaration of Contractor's Representative and Key Personnel] under Section IV [Bidding Forms] of Bidding Documents.
5	ER Section 2 Design Basis 2.1.1		Clause 2.1.1 “Minimum water level at Gugera Branch Canal is approx.189.80 m and inlet level of the pre-settling system shall be approx. 186.00 m.”	Clause 2.1.1 is revised as : "The inlet level of pre-settling system shall be determined through hydraulic calculations."
6	ER Section 3.3.5.3.14 Chemical Treatment			Clause 3.3.5.3.14 “Lime: Purity = 71%, 5% Solution Alum: Solid, 16~ 17% Al ₂ O ₃

				Anionic Poly: Solid, 0.1% Solution KMnO4: Solid, 0.1% Solution" is added.
7	ER Section 03A -Plant Description 25 MIGD Gugera Water Treatment Plant Description"		Clause 3.3.5.3.1 " Principal use of the stored water will be to provide 50% water treatment capacity during the scheduled 21 days of canal closures during the year."	Clause 3.3.5.3.1 is revised as: " Principal use of the stored water will be to provide 43% of water treatment capacity during the scheduled 21 days of canal closures during the year (equivalent to 9 days)."

Annexure-A

For any proposed Key Personnel meeting the minimum qualification and general experience requirement of the corresponding position, the broken down points shall be scored as following:

(i) Adequacy for the services (relevant education, training, experience in the sector/similar services) = 80%

(a) higher relevant qualification (i.e master or doctorate) from baseline i.e bachelor's degree or at least one relevant certification from internationally recognized bodies = 20 % of (i)

- 100 % marks for the higher relevant qualification (i.e master or doctorate) from baseline i.e bachelor's degree or at least one relevant certification from internationally recognized bodies
- No marks for no higher relevant qualification (i.e master or doctorate) from baseline i.e bachelor's degree or no relevant certification from internationally recognized bodies

(b) Similar Experience = 80 % of (i)

Marks	Similar Experience
100 %	equal to or exceeding 100% of required similar experience
80 %	equal to or exceeding 90% and less than 100 % of required similar experience
60 %	equal to or exceeding 80% and less than 90 % of required similar experience
40 %	equal to or exceeding 70% and less than 80 % of required similar experience
20 %	equal to or exceeding 60% and less than 70 % of required similar experience
10 %	equal to or exceeding 50% and less than 60 % of required similar experience

(ii) Relevant experience in the South Asia region = 10%

- 100 % marks for the experience of two (02) or more years in South Asia
- No marks for experience of less than 2 years in South Asia

(iii) Number of years of experience of the Key Personnel with the Employer = 10 %

- 100 % marks for experience of at least 12 months with the firm
- No marks for experience less than 12 months with the firm

In case of similar experience less than 50% of the requirement, no marks shall be awarded to the proposed personnel for the corresponding position.

Annexure-B

No.	Position	Name of Candidate	Qualification
1	Environmental and Social Expert		environmental sciences or relevant qualification
2	Health and Safety Expert		environmental sciences or relevant qualification with HS certification
Design Build Period			
3	Project Manager		civil/mechanical/ public health or environmental engineer
4	Deputy Project Manager		civil/mechanical/public health or environmental engineer
5	Construction Engineer		civil engineer
6	Process Engineer (WTP Design)		chemical/ environmental engineer or relevant qualification
7	Mechanical Engineer		mechanical engineer
8	Electrical Engineer		electrical engineer
9	NRW & SCADA Expert		civil/mechanical/ environmental engineer or relevant
10	Commissioning Expert		civil/mechanical/environmental engineer or relevant
11	QA/QC Engineer		relevant qualification
12	Land Surveying Engineer		civil engineer or relevant qualification
13	Technical Office Engineer		relevant qualification
Operation Period			
14	Plant Manager		environmental, mechanical or electrical engineer
15	Process Engineer 1		chemical/environmental engineer or relevant
16	Process Engineer 2		chemical/environmental engineer or relevant
17	Process Engineer 3		chemical/environmental engineer or relevant
18	Electro-mechanical engineer 1		mechanical or electrical or electro-mechanical engineer
19	Electro-mechanical engineer 2		mechanical or electrical or electro-mechanical engineer
20	Electro-mechanical engineer 3		mechanical or electrical or electro-mechanical engineer
21	Laboratory chief 1		engineer and/or technician
22	Laboratory chief 2		engineer and/or technician

Annexure-C

**Form PER-2: Resume and Declaration of Contractor's Representative
 and Key Personnel**

Name of Bidder: _____

Position: _____

Personnel information

Name: _____ **Date of birth:** _____

Professional qualifications: _____

Years of general professional experience: _____

Years of similar professional experience: _____

Years of experience in South Asia region: _____

Present employment

Name of Employer: _____

Address of Employer: _____

Telephone: _____ **Contact (manager / personnel officer):** _____

Fax: _____ **Email:** _____

Job title: _____ **Years with present Employer:** _____

Summarize professional experience, in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

From	To	Company / Project / Region/ Position / Relevant technical and management experience

Summarize relevant trainings/ certification from Internationally recognized bodies, in reverse chronological order.

From	To	Institution (Internationally recognized bodies) / Region/ Title of training / Description of training and its relevancy to the corresponding position of Key Personnel

Declaration

I, the undersigned Key Personnel, certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Bid:

Commitment	Details
Commitment to duration of contract:	<i>[insert period (start and end dates) for which this Key Personnel is available to work on this contract]</i>
Time commitment:	<i>[insert the number of days/week/months/ that this Key Personnel will be engaged]</i>

I understand that any misrepresentation or omission in this Form may:

- a) be taken into consideration during Bid evaluation;
- b) my disqualification from participating in the Bid;
- c) my dismissal from the Contract.

Name of Key Personnel [insert name]: _____

Signature: _____

Date (day month year): _____

Countersignature of authorized representative of the Bidder:

Signature: _____

Date: (day month year): _____