

REQUEST FOR EXPRESSIONS OF INTEREST

(CONSULTING SERVICES – FIRMS SELECTION)

Country: PAKISTAN
Project: LAHORE WATER AND WASTEWATER MANAGEMENT PROJECT
Project ID No. 0074-PAK

Assignment Title: Project Management Consultant (PMC) / Owner’s Engineer for “Sewerage System from Larech Colony to Gulshan-e-Ravi, Lahore (Through Trench-Less Technology)”.

The Islamic Republic of Pakistan / Government of Punjab has requested financing from the Asian Infrastructure Investment Bank (AIIB) towards the cost of “Lahore Water and Wastewater Management Project - Sewerage System from Larech Colony to Gulshan-e-Ravi, Lahore (Through Trench-Less Technology)”.

Background: WASA Lahore (L-WASA) is responsible for maintaining water supply, sewerage and storm water drainage system in the Lahore City. The existing wastewater collection system of Lahore is a combined system containing both sewage and storm water. In L-WASA service area, there are thirteen (13) Pumping / Disposal Stations and one hundred (100) Lifting Stations that are discharging wastewater flows into either river Ravi or to primary drains that end up in the river Ravi.

Lahore is rapidly urbanizing and transforming into regional urban hub of key economic (commercial, industrial and financial) and socio-economic development and activities. Due to immense increase in population resulting into an increase in sewage flow, the system became deficient for the present population.

The Central zone of Lahore (project area) also deficient of a Trunk sewerage system to cater and safely dispose of the wastewater generated. The existing trunk sewers were laid 25-60 years ago which are deficient to cater the flow from the project adjoining areas. The collected sewage is pumped into the open storm water channels through intermediate lift stations which traverse through the heart of the city causing environmental degradation and odor problems. Moreover, during monsoon/rainy season due to inadequate capacity of the storm water channels, the rainfall accumulates at sore points causing flooding at many places and results in degradation of sanitary environment.

L-WASA felt the dire need of a comprehensive sewerage and drainage improvement plan for the Central Zone of Lahore with minimum disruption and disturbance in day to day activities. Therefore, L-WASA intends to lay Trunk Sewer in Central zone of Lahore through trench-less technology along with the construction of pumping/disposal station of capacity 350 cusecs (856,300 m³/day) at Gulshan-e-Ravi for the ultimate disposal of wastewater into river Ravi.

Project Description: The proposed project comprises laying of about 28 km long trunk sewer and construction/installing of new pumping / disposal station with a capacity of 350 cusecs (856,300 m³/day) at Gulshan-e-Ravi with an arrangement of 10 No. pumps of 50 cusecs (122,325 m³/day)

(including Stand-by pumps) each and the total pumping head of proposed pumps is approximately 23 meters. The project will be executed by utilizing the Trenchless Technology i.e. a combination of Micro-Tunnelling & Pipe Jacking Technology on EPC Mode. Sewer pipes of 60 inches (1500 mm), 72 inches (1830 mm), and 96 inches (2400 mm) internal diameter would be provided depending upon the sewerage generation and accumulated flows.

The total length is divided into two segments. The alignment of first segment (Line A) measuring about 15 km will pass from areas namely Larech Colony, Garhi Shahau, Durand Road, Shimla Hill, Cooper Road, Queens Road, Bahawalpur Road, Chauburgi Chowk and traverses to the proposed ultimate pumping / disposal station at Gulshan-e-Ravi, Lahore. Whereas, the second segment (Line-B) with a length of about 13 km will pass from areas namely Infantry Road, Mustafabad, Basti Saddian Shah, Mian Mir Colony, Gulberg, Shadman, Shah Jamal, Shama, Rasool Park, Samnabad, and ends at proposed pumping / disposal station of 350 cusecs (856,300 m³/day) at Gulshan-e-Ravi to safely disposed of the accumulated sewage into the River Ravi.

The project involves the following packages described below:

Package I:

Laying of Sewer Line through Trenchless Technology (Micro-Tunnelling & Pipe Jacking Technology) from Larech Colony to Gulshan-e-Ravi (Line-A =15,256 m).

Package II:

Laying of Sewer Line through Trenchless Technology (Micro-Tunnelling & Pipe Jacking Technology) from Infantry Road to Gulshan-e-Ravi (Line-B =13,023 m).

Package III:

Construction of Ultimate Pumping / Disposal Station of 350 Cusecs (856,300 m³/day) Capacity at Gulshan-e-Ravi and Allied Works which includes Civil Works, SCADA System, Outfall Channel, Restoration and Brick lining of Cantonment Drain & Gulberg Drain and Rider Sewer along Cantonment Drain.

The Water and Sanitation Agency, Lahore (L-WASA), in charge of the implementation of the Project, intends to use part of the funds thereof for payments under the Contract: Project Management Consultant (PMC) / Owner's Engineer for "Lahore Water and Wastewater Management Project-Sewerage System from Larech Colony to Gulshan-e-Ravi, Lahore (Through Trench-Less Technology)".

The consulting services ("the Services") majorly include, but not limited to, the following:

- Review, update and finalize concept / preliminary engineering design & tender documents on EPC Mode and assist L-WASA to carry out the complete tendering process to recruit the EPC contractor.
- Review, finalize and validate design submitted by EPC contractor including all kinds of reports, estimates and drawings.

- Monitoring, Supervision, testing and commissioning of the project.
- Provide assistance to L-WASA's Project Management Unit (PMU) in the overall project management and implementation.
- Review, finalize and approve Operational Manual submitted by EPC contractor.
- Perform all the obligations as stated in FIDIC Conditions of Contract.
- Assist L-WASA in implementation of Environmental and Social Management Plans (ESMPs), Resettlement Plans (RPs) and other environmental and social reports as per AIIB guidelines.

Required Qualifications / Experience: The L-WASA now invites eligible consulting firms ("Consultants") to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria is given below. Specialists will not be evaluated at the shortlisting stage.

- Presentation of the Consultancy firm: general presentation, scope of activities, financial data (net worth, annual turnover, audit statements etc.) for the past 3 years, description of human resources, organogram, etc.
- Experience of consulting services for preliminary & detailed design; tendering & bidding; construction supervision; and environmental & social due diligence on similar projects, preferably on MDB financed projects in Asia during the last 10 years. Similar projects will include the following sub-projects:
 - A. Laying of Trunk Sewer of length at-least 10 km having diameter of at-least 72 inches (1830 mm) in urban areas through Trenchless Technology/ Micro-tunneling and pipe jacking. This will include construction of deep shafts in congested urban areas.
 - B. Construction of sewage Pumping/Disposal Station of at-least 225 Cusecs (550,500 m³/day) capacity and its allied works which includes but not limited to installation of pumps, piping, SCADA system and power supply system.

The consultant will provide information for potential involvement of the following team/ staff:

- Team Leader (With International Experience)
- Core Team for Design Review and Tender Stage:
 1. Micro-Tunneling / TBM Design Specialist (With International Experience)
 2. Geotechnical Specialist (With International Experience)
 3. SCADA Specialist (With International Experience)
 3. Procurement & Contract Management Specialist
 4. Electro-Mechanical Specialist
 5. Structural Specialist

- Core Team for Resident Supervision:
 1. Resident Engineer (Civil)
 2. Resident Engineer (E&M)
 3. Resident Engineer (Micro-Tunneling / TBM)
 4. Environmental Engineer
 5. Social / Resettlement Specialist

Permanent staff of the consulting firm will be favoured. The consulting firm shall present the proposed staff list in a table as per the following template (CVs are not required at this stage):

Name	Qualification	Years of Experience (total/ as a permanent employee of the bidder)	Proposed Position	List of related projects, experience and countries (maximum 10 projects)

Procurement of consulting services will be conducted through the procedures as specified in AIIB's Interim Operational Directives on Procurement Instruction for Recipient (PIR) June 2016. The attention of interested Consultants is drawn to Section II, paragraph, 4.4 of the AIIB's Interim Operational Directives on Procurement Instruction for Recipient (PIR) June 2016, setting forth the AIIB's policy on conflict of interest.

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

Once the consultant is shortlisted and invited for submission of the Proposal, it is not permissible to transfer the invitation to any other firm, such as Consultant's parent companies, subsidiaries and affiliates. The Client will reject a Proposal if the Consultant drops a JV member without the Client's prior consent, which is given only in exceptional circumstances, such as debarment of the JV partner or occurrence of Force Majeure.

A Consultant will be selected in accordance with the Quality Cost Based Selection (QCBS) method set out in AIIB's Interim Operational Directives on Procurement Instruction for Recipient (PIR) June 2016.

Among the submitted applications, L-WASA will shortlist a minimum of three (03) and maximum of Six (6) consultants, to whom the Request for Proposals to carry out the services shall be issued.

Further information can be obtained at the address below during office hours from 9:00 AM to 4:00 PM from Monday to Saturday and from 9:00 AM to 1:00 PM on Friday.

The Applicant shall submit Expressions of interest (one original, two hard copies plus electronic document on Flash disk) in a sealed envelope bearing the name, address and contact of the Applicant. The EOI shall be in English accompanied by all the supporting documents. If any original supporting document is not in English, a certified translation of the same in English shall be provided by the Applicant.

Expressions of interest must be delivered in a written form to the address below (in person, or by courier by 20.12.2019 not later than 12:00 Noon (PST)).

Water and Sanitation Agency (WASA), Lahore
Attn: Muhammad Yousaf
Deputy Managing Director (Engineering)
Zahoor Elahi Road, Gulberg-II, Lahore
54660, Lahore, Pakistan.
Telephone: +92-42-99268355; +92-42-99268353 Ext: 235
Email: dmde.lwwmp@gmail.com

Expression of Interest (EOI) Consulting Firms

Project Number	0074-PAK
Project Name	Lahore Water and Wastewater Management Project - Sewerage System from Larech Colony to Gulshan-e-Ravi, Lahore (Through Trench-Less Technology)
Project Country	Pakistan

I. Consulting Firm Information

Date:	Country of Incorporation ¹ :
Consultant Name:	Acronym:
EOI Submission Authorized by:	Position

Associations (Joint Venture or Sub-consultancy)

Consultant	Acronym	Country of Incorporation	Joint Venture (JV) or Sub-consultant	EOI Submission Authorized By	Position

Present the rationale for and benefits of working in association (JV or Sub-consultant) with others rather than undertaking the assignment independently (as appropriate). Describe the proposed management and coordination approach of the association and the role of each firm.

1 The lead consultant must submit a copy of the Certificate of Incorporation of itself and of each JV member and sub-consultant through IV. EOI Attachments.

I confirm that:

- Documentation regarding our corporate structure including beneficial ownership has been attached.
- Documentation regarding our Board of Directors has been attached.
- A written agreement to associate for the purpose of this Expression of Interest has been signed between the consortium partners and has been attached clearly indicating the Lead firm and financial shares of each firm.

II. Eligibility of Firms

1. Nationality of Firm (International or Local)
2. Any local firm (Entity or each Member of JV) will provide registration with Income Tax Authority and has to be on active Tax Payers List – Provide National Tax Number (NTN).
3. Any local firm (Entity or each Member of JV) which is not registered with any of the following organizations will be considered ineligible and not short-listed:
 - a. Pakistan Engineering Council (PEC) in relevant project profile code.
 - b. Securities & Exchange Commission of Pakistan (SECP)
4. The foreign consulting firm shall be registered in their indigenous country.
5. Presentation of the financial data (net worth, annual turnover, Audit statements etc.) for the past 03 years.

III. Assignment Specific Qualifications and Experience

Please provide relevant project information in Section E below.

A. Technical Competence

Cross-referencing from your profile projects in Section E. Project References, highlight the technical qualifications of your entity/consortium in undertaking similar assignments. Provide details of past experiences of providing engineering services (covering design as well as supervision elements) for similar works described in “Project Description”.

(Maximum of 03 Projects & Maximum of 01 page each).

B. Geographical Experience

Cross-referencing from your profile projects in Section E. Project References, present experiences in similar geographic areas.

C. Management Competence

(Please answer each question in one paragraph of 8-10 sentences)

1. Describe standard policies, procedures, and practices that your entity has to assure quality assurance processes. Please state if your company has ISO certification or any other recognized quality assurance certifications. Also state standard policies and procedures to avoid replacement of personnel, so as to ensure continuity of professional service delivery under stipulated contract.

2. Describe the organizational structure of firm/ consortium. How will your firm/consortium handle complaints concerning the performance of experts or quality of the reports submitted for this assignment? What internal controls are in place to address and resolve complaints?

3. Describe what social protection practices/ health and safety standards you have in place to safeguard the well-being of your proposed experts? Specifically describe arrangements you have in place for medical, accident, and life insurance coverage during the assignment.

D. Other Information (maximum of 500 words)

E. Project References

Indicate the most relevant projects completed in last 10 years to demonstrate the firm's technical qualifications and geographical experience (maximum 03 projects). Engineering services must include design elements and construction supervision services. Feasibility studies, capacity development works or other minor technical services will not be considered. For each Project, submit a letter from Client about the Performance.

SN	Project	Period	Client	Country	Firm
1	Provide details of Representative Project				
2					
3					

Representative Project(s): The consultant must provide at-least two projects where the consultant has provided engineering services related to design & construction supervision services for projects (one of the projects must be related to laying of sewer pipe) of specifications described under section "Required Qualifications / Experience" at "A".

Note: In case of JV / Consortium, the lead firm must have carried out at least two similar projects as defined under "Representative Project(s)", while other member(s) of JV must have carried out at least one project as defined under "Required Qualifications / Experience" at B".

F. Evaluation Criteria

Sr. No.	Details	Weightage
Technical Competence:		80
1.	Experience of providing consulting services under section "Required Qualifications/Experience" at "A" for at least two projects.	50
2.	Experience of providing consulting services under section "Required Qualifications/Experience" at "B" for at least one project.	30
Geographical Experience:		05
1.	Experience of conducting Donor agencies / International organizations/ Multilateral Development Bank (MDB) funded projects related to trunk sewers through trench-less technology / pipe jacking in Asia Region.	05
Management Competence:		15
1.	Details as defined under Section III – C (1)	05
2.	Details as defined under Section III – C (2)	05
3.	Details as defined under Section III – C (3)	05

Project Summary

Project 1 of __

● Project Name			
● Name of Client			
● Country		Project location Country	
● Participation		As lead firm As associate firm	
● * Cost of the Project		(US\$) and PKR	
● * Value of Services provided by the firm/JV		(US\$) and PKR	
● Source of Financing			
• Consultancy Services			
(i) No. of staff			
(ii) No. of person months			
• Length of Consultancy Assignment			
● Start Date		(dd/mm/yyyy)	
● Scheduled date of Completion		(dd/mm/yyyy)	
● Actual Date of Completion		(dd/mm/yyyy)	
● Continuous / Intermittent			
• Name of Associate Firms (if any)			
• No. of Person-Months of Professional Staff Provided by Associated Firm(s)			
• Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed			
• Detailed Narrative Description of the Project with total cost			
• Detailed Description of the Actual Services Provided by your Firm with total cost			

IV. EOI Attachments

Sr. No.	Description
1	Certificate of Incorporation of the lead member
2	Certificate of Incorporation of the JV member (for each member)
3	Certificate of Incorporation of the Sub-Consultant (for each sub-consultant)
4	Letter of Association
5	Copy of National Tax Number (for local firm)
6	JV Agreement
7	Black-Listing and Litigation Affidavit
8	Audit Statements for last 3 years

V. Eligibility Declaration²

We, the undersigned, certify to the best of our knowledge and belief:

- We have read the advertisement, including the Project Description for this assignment.
- Neither the consulting firm nor its JV member or sub-consultant or any of its experts prepared the TORs and Concept / Preliminary Engineering Design for this activity.
- We confirm that the project references submitted as part of this EOI accurately reflect the experience of the specified firm/consortium.
- We further confirm that, if any of our experts is engaged to prepare the TOR for any ensuing assignment resulting from our work product under this assignment, our firm, JV member or sub-consultant, and the expert(s) will be disqualified from short-listing and participation in the assignment.
- All consulting entities and experts proposed in this EOI are eligible to participate in AIIB-funded, supported and administered activities.
- The lead entity and JV member or sub-consultant are NOT currently sanctioned by AIIB or other MDBs. Neither the consulting firm nor the JV member or sub-consultant has ever been convicted of an integrity-related offense or crime related to theft, corruption, fraud, collusion or coercion.
- We understand that it is our obligation to notify AIIB should any member of the consortium become ineligible to work with AIIB or other MDBs or be convicted of an integrity-related offense or crime as described above.
- JV member or sub-consultant, including all proposed experts named in this EOI, confirmed their interest in this activity in writing.
- JV member or sub-consultant, including all proposed experts named in this EOI, authorized us in writing to represent them in expressing interest in this activity.
- None of the proposed consortiums are subsidiaries of and/or dependent on the Executing Agency or the Implementing Agency or individuals related to them.
- We understand that any misrepresentations that knowingly or recklessly mislead or attempt to mislead may lead to the automatic rejection of the proposal or cancellation of the contract, if awarded, and may result in further remedial action, in accordance with AIIB's Prohibited Practice.
- All pages of the EOI have been signed by the Authorized Person, Authorization Letter giving name, CNIC number / Passport number, designation, date and specimen signatures have been attached.

2. Eligibility refers to AIIB's Procurement Policy, Clause 5.8 and 7.0 on Prohibited Practice and Integrity.