



WATER AND SANITATION AGENCY, LAHORE

EXPRESSION OF INTEREST (EOI) / PRE-QUALIFICATION DOCUMENT (PQD)

**FOR
HIRING OF PROJECT MANAGEMENT CONSULTANT (PMC)
FOR THE PROJECT**

**"PROVISION OF CLEAN DRINKING WATER IN PILOT AREAS
OF UC-99, 100 & 101 (WASA AREA), LAHORE ON EPC MODE"**



DEPUTY MANAGING DIRECTOR (ENGG.)

WASA Head Office, Zahoor Elahi Road, Near Main Market,
B-Block Gulberg-II Lahore.

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March 2021



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PRE-QUALIFICATION / SHORT LISTING OF ENGINEERING CONSULTING FIRMS

Water and Sanitation Agency (WASA), Lahore, intends to hire services of Engineering Consulting Firm for Project Management Consultant for the project

PROVISION OF CLEAN DRINKING WATER IN PILOT AREAS OF UC-99, 100 & 101 (WASA AREA), LAHORE ON EPC MODE

Section A.

INVITATION FOR EXPRESSION OF INTEREST / BASIC ELIGIBILITY

The interested consultancy firms having experience of similar nature works may apply alongwith the following information / particulars duly supported with necessarily documents:

1. Name of firm / address of the registered office with telephone / fax number and e-mail address including organization chart showing management structure **Appendix 1.**
2. Memorandum and Articles of Association of the firms.
3. Certificate of Registration with the Pakistan Engineering Council, Islamabad alongwith the valid renewal letter in relevant project profile code.
4. Copy of Registration with Securities and Exchange Commission of Pakistan or Registrar of Firms.
5. Only relevant Project wise experience with time duration for each Project.
6. List of similar works completed by the Firm during the last 10-years and similar works in hand, indicating total cost of such works and cost of Consultancy Services received against those works along with date of start and completion / expected date of completion **Appendix 2.**
7. An undertaking by the consultants / firms / JVs to the effect that "Neither the firm / consultants / JVs nor its Directors / Stakeholders, as a whole or as a part of the firm have



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even been black listed / defaulted by any Government Agency / Department / Organization and also that the information supplied by the consultants / firm / JVs is correct.

8. Certificate / Affidavit that the consultant / firm / JV is not in litigation with any client.
9. Details of net worth, annual turnover & net cash accruals duly filled and signed as per **Appendix 4**. Single entity bidder and all members of consortium / JV should be profit making during three financial years not older than FY-2016-17.
10. Copy of Registration with Income Tax Department and Punjab Revenue Authority.
11. List of permanent professional staff along with CVs of relevant core staff showing project wise experience with exact time duration for each project. The Bidder should furnish details of technical experience of core team/ professional staff as on date on submission of EOI as per **Appendix 3**.
12. Water and Sanitation Agency, Lahore reserves the right to reject all the applications at any time prior to the acceptance, and no claim whatsoever, shall be entertained on this account. If at any stage concealment / distortion of fact is detected it would be sufficient cause to reject the application.



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Section B.

BRIEF SCOPE OF WORK

1. Relevant Background

WASA Lahore is the 2nd largest water utility city of Pakistan serving population of approx. 8 Million. The water supply entirely depends on groundwater and extracted through tube-wells. Current water extraction by WASA is 540 Million Gallons per Day (MGD) which is pumped directly to the residents of Lahore through a water distribution system. Some of the water distribution pipes are laid 30 to 40 years ago in the city. Thus, these pipes are old & outlived. Consequently, complaints pertaining to contamination, inadequate & imbalance pressure and shortage of water supply are frequent in these areas.

To address these issues, the approved Master Plan of WASA (planning horizon 2040) recommends to divide the city into 140 zones /District Metered Areas (DMAs), establish a system to provide clean drinking water through a system comprising of Over-Head Reservoirs, replacement / laying of new pipes, installation of meters and monitoring of overall system through SCADA. This overall improvement in the system shall also lead to reduction in Non-Revenue Water (NRW) and also help to reduce the per capita water consumption. In light of these proposed interventions, WASA Lahore has selected 03 deprived pilot areas (03 UCs of Lahore 99, 100 & 101) in instant project at initial stage for implementation of recommendations given in the Master Plan Study (2040). The interventions shall be made through an EPC Contractor supervised by Project Management Consultant (PMC).

2. Objectives of the Project

The primary objectives are as under:

- Provision of 24/7 supply of adequate quantity of safe drinking water
- Water conservation through metering, water audit and control of Non-Revenue Water (NRW).
- Energy and O&M cost saving by avoiding direct pumping through tube-wells and Over Head Reservoirs OHRs



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- To maximize the efficiency of the water supply system by creating self-sustaining Water Zones and Distribution Management Areas.
- To ensure integrated monitoring system through SCADA system for better water management.

3. Consultancy Assignment

The overall assignment under the consultancy services is to review & finalize preliminary engineering design, prepare EIA studies, conduct Topographical Survey & Geotechnical Investigations, prepare tender documents and to assist WASA Lahore in carrying out the tendering process to recruit the EPC contractor, contract formulation & negotiations and other activities involved in the bidding process.

The Consultant has to review, finalize and endorse the detailed design, estimates and other requisite reports submitted by EPC contractor. The consultant shall also carry out resident supervision and commissioning of work and ensure that the project objectives are achieved.

4. Consultancy Duration

Implementation duration will be 24 months.

Section C.

EVALUATION CRITERIA

Minimum Qualifying Score = 65

The evaluation for short-listing of the firms shall be based on the following criteria:

Sr. No.	Criteria	Weightage
1.	Company Technical Experience <ul style="list-style-type: none"> ➤ Number of similar Assignments ➤ Relative size of similar assignment 	40
2.	Staffing / Core Team <ul style="list-style-type: none"> ➤ Education & Qualification ➤ Relevant Experience ➤ Relevant Projects 	40
3.	Financial Capability	20
Grand Total		100



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PARAMETERS FOR EVALUATION

1. COMPANY'S/JV TECHNICAL EXPERIENCE (40 marks)

1.1 Number and relative size of similar assignments:

- i. Similar project(s) must include following sub-project components;

(A) Design of water supply system including distribution network (Max marks 10)

Sr.No.	Description	Marks
1.	Design of water supply system including distribution network for serving population of (125,000 or above) persons	10
2.	Design of water supply system including distribution network for serving population of (100,000 – 124,999) persons	7.5
3.	Design of water supply system including distribution network for serving population of (75,000 – 99,999) persons	05
4.	Design of water supply system including distribution network for serving population of less than 75,000 persons	NIL

(B) Resident Supervision of water supply system infrastructure (Max marks 10)

Sr.No.	Description	Marks
1.	Resident Supervision of water supply system infrastructure with project cost of Rs. 1,300/- Million or more	10
2.	Resident Supervision of water supply system infrastructure with project cost of Rs. 800 -1,299 Million	7.5
3.	Resident Supervision of water supply system infrastructure with project cost of Rs. 300 -799 Million	05
4.	Resident Supervision of water supply system infrastructure with project cost of less than Rs. 300 Million	NIL

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(C) Design of District Metered Zone/ District Metered Areas (Max marks 15)

Sr.No.	Description	Marks
1.	Design of zoning of water supply distribution network including development of DMA/ DMZ, consumer and bulk water meter etc. for serving population of 75,000 or above	15
2.	Design of zoning of water supply distribution network including development of DMA/ DMZ, consumer and bulk water meter etc. for serving population of 50,000 -74,999	10
3.	Design of zoning of water supply distribution network including development of DMA/ DMZ, consumer and bulk water meter etc. for serving population of 25,000 -49,999	05
4.	Design of zoning of water supply distribution network including development of DMA/ DMZ, consumer and bulk water meter etc. for serving population of less than 25,000	NIL

(D) Preparation of Bidding Documents on EPC mode for sizeable project (Max marks 05)

Note: Separate projects can be considered for each of the sub-projects i.e. components A, B C & D.

1.2 Marking Criteria for Company Experience:

Each project shall be evaluated based on the following marking criteria depending upon the above mentioned categories for each type of project:

Relative size and similarity of each Project				
Similarity	Multiplication Factors (Financial Weightage)			Marks Obtained (Maximum 15/10/5)
	80% or more	50%-80%	Less than 50%	
Strong	1	0.65	0.30	____ X 15/10/7.5/5
Medium	0.65	0.4225	0.195	
Weak	0.30	0.195	0.09	



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1.3 Evaluation of Technical Experience of the firm

The Bidder which could be single entity or the consortium shall be evaluated on the following:

- i. Projects completed during the last ten (10) years shall only be considered. Only eligible projects shall be considered for estimation of technical experience. Irrelevant projects will not be considered for evaluation.
- ii. Experience of similar assignments as mentioned at **Sr No. 1.1** under "Company's/JV Technical Experience".

2. TECHNICAL STAFF / CORE TEAM (40 marks)

2.1 Core Team Members, Required Qualifications, Marks distribution, and Required Experience of Core Team:

Core team shall be evaluated based on the following marking criteria:

Sr. No	Description	Minimum Qualification	Allocated Marks	Maximum Age Limit (Years)	Experience
1.	Project Manager/ Team Leader	Bachelor's Degree in Civil Engineering/ Environmental Engineering/ Public Health Engineering (PHE) or equivalent.	10	65	Minimum 20 years' experience in the planning, design and execution of water supply infrastructure.
2.	NRW/Leak Detection Specialist (International)	Bachelor's Degree in Civil/ Mechanical / Public Health / Electrical / Electronics / Environmental Engineering or relevant discipline	10	65	10 years' experience in water supply network modeling, design & establishment of DMZ & DMA and leak detection /reduction in NRW
3.	Procurement & Contract Specialist	Bachelor's Degree in Civil/ Mechanical/ Electrical Engineering or Master's degree in Economics/ Finance/ Business Administration / Contract Management/ Project Management.	10	65	Minimum of 15 years working experience in EPC/ FIDIC Contracts.

4.	Resident Engineer (Civil)	Bachelor's degree in Civil Engineering	10	65	Minimum of 15 years working experience in Resident Supervision of sizeable infrastructure projects preferably related to water sector.
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2.2 Marking Criteria for Qualification of Core Team

Every member of the core team of expert shall be evaluated using the following criteria:

Maximum Marks = 40

Qualification (20% Marks)	Experience (50% Marks)	Understanding (30% marks)
PhD: 20%, M.Sc.: 18%, B.Sc.: 16%	Full Marks: For required experience	Full Marks: For 5 similar projects

2.3. Details of Core Team

The Bidder should furnish details of technical experience of core team/ professional staff as on date on submission of EOI as per **Appendix 3**.

3. FINANCIAL CAPABILITY (20 marks)

Sr. No.	Description	Threshold Amount (Rs.)	Documents Required
1	Average Annual Turnover in stated 03 years	At least 20 Million	Audited "Profit and Loss" statement for the three years not older than FY-2016-17 duly certified/ stamped by Chartered Accountant must be provided in EOI document with Audited Statements.
2	Average Net Worth in stated 03 years	At least 15 Million	Audited "Balance Sheet" showing financial position for the three years not older than FY-2016-17 duly certified/ stamped by Chartered Accountant must be provided in EOI document with Audited Statements.



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3.1. Marking Criteria for Company Experience:

Sr. No.	Description	Threshold Amount (Rs.)	Marks Obtained
1	Average Annual Turnover in stated 03 years	20 Million or above	10
		Less than 20 Million	NIL
2	Average Net Worth in stated 03 years	15 Million or above	10
		Less than 15 Million	NIL

Note:

- Only duly certified Audited Statements by the Chartered Accountant will be considered for evaluation.
- All firms (in case of consortium) should be profit making in the stated financial years.

Special Condition in case of Consortium/JV

In case of consortium, lead firm must have minimum 40% shares and other firms have at least 25% shares in consortium. Percentage of shares of each firm must be clearly mentioned. Maximum of three firms are allowed to participate in consortium/ JV.

DATE OF SUBMISSION OF PROPOSAL

The EOI (03 Hard copies & one Soft copy) must reach the office of Deputy Managing Director (Engg.) WASA Head Office, Zahoor Elahi Road, B-Block Gulberg-II, Lahore not later than 24.03.2021 till 03:00 PM.

Designation : Deputy Managing Director (Engg.)
Address :- WASA Head Office, Zahoor Elahi Road, Near Main Market,
B-Block Gulberg-II Lahore.
Website: <http://www.wasa.punjab.gov.pk/>



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Section D.

APPENDIX 1

FORMAT FOR LETTER OF EOI APPLICATION

[On the Letter Head of the Bidder (in case of Single or Lead Member (in case of a Consortium))]

Date:

The Deputy managing Director (Engineering),
WASA, LDA, Lahore.

HIRING OF PROJECT MANAGEMENT CONSULTANT FOR THE PROJECT- PROVISION OF CLEAN DRINKING WATER IN PILOT AREAS OF UC-99, 100 & 101 (WASA AREA), LAHORE ON EPC MODE

Sir,

Being duly authorized to represent and act on behalf of (hereinafter referred to as "the bidder"). And having reviewed and fully understood all of the qualification requirements and information provided, the undersigned hereby expresses its interest and apply for qualification for subject consultancy services.

We are enclosing our Expression of Interest (EOI), in one Original and one Copy, with the details as per the requirements of the EOI and PQD, for your consideration/evaluation.

The undersigned hereby also declares that the statements made and the information provided in the EOIs are complete, true and correct in every detail.

We confirm that the EOI application is valid for a period of 90 days from the due date of submission of EOI application and is unconditional.

Yours faithfully,

(Signature of Authorized Signatory)

(Name, Title and Address of the Bidder)

Bidder seal& stamp



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APPENDIX 2 INFORMATION RELATED TO EXPERIENCE

Project name	Value of the agreement (in current PKR)
Country	Duration of project (months)
Location within country	
Name of Client	Total No. of staff-months (by your company) on the project:
Start Date (Month/Year)	Value of total services provided under an agreement/ Consultancy fee (in current PKR)
Completion Date (Month/Year)	In case of consortium, value of part (Consultancy fee) of the services provided by Bidder under the agreement (in current PKR)
Name of associated members, if any	No. of professional staff-months provided by the associated members:
Name of senior professional staff of your company involved and functions performed (indicate most significant profiles such as Team Leader etc.):	
Narrative description of Project	
Description of actual services provided by your staff within the assignment.	

Note:

- Only the eligible projects that satisfy technical criteria shall be included.
- All the Financial numbers are to be given in Pak Rupees.

(Signature of Authorized Signatory)

APPENDIX 3

CURRICULUM VITAE (CV) FOR PROFESSIONAL STAFF

1. Current Position (only one candidate shall be nominated for each position): _____
2. Name of Company (insert name of company proposing the staff): _____
3. Name of Staff (insert full name) _____
4. Date of Birth: _____ Age: _____ Nationality: _____
5. CNIC No (if Pakistani): _____ or Passport No: _____
6. Experience (in years): _____
7. Education:

Degree	Major/Minor	Institution	Year

8. Membership of Professional Associations: _____
9. Other training (indicate significant training since degrees under 6 - Education were obtained)

10. Languages (For each language indicate proficiency: good, fair, or poor in speaking, reading, and writing)

11. Employment Record (Starting with present position, list in reverse order every employment held by staff member since graduation, giving/or each employment (see format here below): dates of employment, name of employing, organization, positions held):

Employer	Position	From (MM/YYYY)	To (MM/YYYY)

12. Detailed task Assigned



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13. Work undertaken that Best Illustrates Capability to Handle the Tasks Assigned:

1. Name of project: _____
Year: _____ Duration of Assignment: _____ (Years / Months)
Location: _____
Client: _____
Main project features: _____
Positions held: _____
Activities performed: _____

2. Name of project: _____
Year: _____ Duration of Assignment: _____ (Years / Months)
Location: _____
Client: _____
Main project features: _____
Positions held: _____
Activities performed: _____

3. Name of project: _____
Year: _____ Duration of Assignment: _____ (Years / Months)
Location: _____
Client: _____
Main project features: _____
Positions held: _____
Activities performed: _____

14. Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of staff member or authorized representative of the staff] Date: _____



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APPENDIX 4

FORMAT FOR ESTABLISHING FINANCIAL CAPABILITY

FINANCIAL CAPABILITY OF SINGLE ENTITY

Net Cash Accruals, Net Worth & Turnover

YEAR	NET CASH ACCRUALS (PKR. Millions)	NET WORTH (PKR. Millions)	TURN OVER (PKR. Millions)

(Signature of Authorized Signatory)

Bidder Seal & Stamp

Signature, Name, Address & Membership No. of Chartered Accountant