



# **WATER AND SANITATION AGENCY (LDA)**

ZAHOOR ELAHI ROAD, LAHORE.

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## **PREQUALIFICATION DOCUMENT(PQD)**

### **PRE-QUALIFICATION / SHORT LISTING OF ENGINEERING CONSULTING FIRMS"**

Water and Sanitation Agency (WASA), LDA Govt. of The Punjab intends to hire services of Engineering Consulting Firm for:

- i. Elimination of Sewage Inlets in Lahore Branch Canal from Harbanspura Interchange Lahore Ring Road to BRB Canal (Design Review and Supervision).**
- ii. Laying of Force-main from Bhogiwal Road Disposal Station Chotta Ravi Drain to Shalimar Escape Channel across Ring Road, Lahore (Design and Supervision).**
- iii. Construction of RCC Conduit Sewer from Shoukat Khannum Hospital Chowk to Sattu Katla Drain, Lahore (Design and Supervision).**

The interested consultancy firms having experience of similar nature works may apply for selection containing 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.
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 category.
4. Copy of Registration with Securities and Exchange Commission of Pakistan or Registrar of Firms.
5. Complete information of the Firms as per PPRA Rule 47.
6. Project wise experience with time duration for each Project.
7. 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 alongwith date of start and completion of expected date of completion.

8. 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 even been black listed / defaulted by any Government Agency / Department / Organization and also that the information supplied by the consultants / firm / JVs is correct.
9. Certificate / Affidavit that the consultants / firms /JVs is not in litigation with any client.
10. Superfluous / irrelevant information shall lead to disqualification.
11. Audited Statement of account for the last 03-years.
12. Copy of Registration with Income Tax Department.
13. List of permanent professional staff along with CVs of relevant core staff showing project wise experience with exact time duration for each project.

#### **A. Project Description**

South Lahore has experienced a tremendous increase in population and as well as rapid urbanization in the last twenty years. The trunk sewerage and drainage infrastructure is almost at minimum level in the area. Almost all sewage is being disposed into open drains, which were originally constructed to combat with storm water drainage only. A comprehensive plan for sewerage disposal and improvement / enhancement in storm water drainage is required to resolve sewerage and drainage problems of South Lahore. Accordingly, the Master Plan of Sewerage and Drainage System for South Lahore was got prepared by Consultants M/s NESPAK in the previous years which proposes the construction of RCC Conduit Sewer starting from Shoukat Khanam Hospital Chowk to River Ravi across Multan Road Lahore along Sattu Katla and Hudiara Drain. The Project has been divided into a number of reaches for implementation purpose and the present scheme named "RCC CONDUIT SEWER FROM SHOUKAT KHANUM HOSPITAL CHOWK TO SATTU KATLA DRAIN" is most upstream part of South Master Plan. It has been conceived that construction of about 12,100 Rft. of RCC conduit of three sizes starting from 6x6 ft. (2200 Rft.), 8x8 ft. (3200 Rft.) and 12x8 ft (6700 Rft.) will be sufficient to dispose the sewage of the area. The manholes have been proposed to be located at an approximate distance of 500ft along the route of RCC Conduit. 10 No's Cardon Shaft Pumps of 25-cfs each capacity and a Disposal Station at the end of Conduit line has also been proposed.

Similarly, another project will be executed under Lahore WASA, the objective of this project is to eliminate the sewage inlets in Lahore Branch Canal from Harbanspura Interchange Lahore Ring Road to BRB Canal. Proposed Sewer Lines will be laid along both sides of Lahore Branch Canal and on Defence Road. A temporary lift station will be constructed near Shalimar distributary on Defence Road which will dispose off sewage ultimately in River Ravi through GT Road Sullage drain and

Shalimar Escape Cannel. The project comprises of laying of sewer lines from 12" i/d to 48"i/d, 38770-Rft, construction of Lift Station alongwith pumping machinery, and laying of Forcemain (1500Rft). As the sewerage / drainage infrastructure does not exist in this area, these societies found no other way except to dispose their sewage into the Canal. The water pollution in this segment is not only de-grading water quality of Canal but also causing social and environmental threats in the areas along both sides of Canal. To overcome this problem the project of "Elimination of Sewage inlets in Lahore Branch Canal from Harbanspura Interchange Lahore Ring Road to BRB Canal" has been conceived.

Another project is to lay 48" dia Ductile Iron Forcemain (4500 Rft) from Bhogiwal Disposal Station Chotta Ravi Drain To Shalimar Escape Channel Across Lahore Ring Road Near Karol Ghati alongwith installation of Two (02) pumps of 25 cusec capacity each, which will help to improve the environmental conditions in the area and to provide maximum capacity in Gujjar Pura Drain for conducting storm flows. The scheme for laying of Forcemain has now been prepared to avoid the double pumping, to improve the environmental conditions in the area and to provide maximum capacity in Gujjar Pura Drain for conducting storm flows.

## B. Evaluation Criteria:

### B1. Experience and Under Standing.

Most relevant Project Name: \_\_\_\_\_ (Consultancy Cost: Rs. \_\_\_\_\_ Million and Project Cost: Rs. \_\_\_\_\_ million.)

Maximum Marks=20

Relative size of Project				
Similarity	Multiplication Factors (Financial Weightage)			Marks Obtained
	80% or more	50%-80%	Less than 50%	
Strong	1	0.65	0.30	20 x Multiplication factor
Medium	0.65	0.4225	0.195	
Weak	0.30	0.195	0.09	

### B2. Personnel.

Maximum Marks (for 13 Person) = 80  
Maximum Marks (for 1 Person) = 6.15

Qualification (20% Marks)	Experience (50% Marks)	Understanding (30% marks)
PhD: 1.23, M.Sc.: 1.11, B.Sc.: 1.00	Full Marks: 3.075 For 10 years experience	Full Marks: 1.845 For 5 similar projects (0.369 for each project)

Sr. No.	Designation	Name	Qualification (1)	Exp. (2)	Understanding (3)	Total marks (1)+(2)+(3)
1.	Team Leader/ Project Manager					
2.	Structure Engineer					
3.	Pumping Station Expert					
4.	Electrical Engineer					
5.	Sewerage Expert					
6.	Geotechnical Expert					
7.	GIS Expert					
8.	Asstt. Resident Engr. (Civil-1) (For Shoukat Khanum)					
9.	Asstt. Resident Engr. (Civil-2) (For Shoukat Khanum)					
10.	Asstt. Resident Engr. (Civil-3) (For Elimination of Sewage Inlets in Canal)					
11.	Asstt. Resident Engr. (Civil-4) (For Bhogiwal forcemain)					
12.	Asstt. Resident Engr. (Mech) (For all projects)					
13.	Asstt. Resident Engr. (Elec.) (For all projects)					
	<b>Total</b>					

Note:

- (i) Maximum seven firms will be shortlisted.
- (ii) The minimum prequalification marks are 65.

The EOI must reach to the office of Deputy Managing Director (Engg) WASA Head Office, Zahoor Elahi Road, Near Main Market, B-Block Gulberg-II, Lahore by 17.12.2014 at 03:00PM.

Name : **Aftab Ahmad**  
Designation : **Deputy Managing Director (ENGG)**  
Address :- **WASA Head Office, Zahoor Elahi Road, Near Main Market, B-Block Gulberg-II Lahore.**  
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