



ICRC

Expression of Interest (EOI):

For

New Abu Maria -Tal Afar Master Pipe - Diagnosis and Leak
detection. Tal Afar, Ninewa, Iraq

September 2022

Request for Expression of Interest - EoI
New Abu Maria-Tal Afar Master Pipe - Diagnosis and Leak detection
Ninewa Governorate, Iraq.

1. Context

The International Committee of the Red Cross (ICRC) has been working in Iraq continuously since 1980. A role of ICRC Water and Habitat - WatHab is to restore access to essential services including projects that repair and upgrade water supply and wastewater treatment systems, improve sanitation, energy supply and build/rehabilitate critical facilities like hospitals and physical rehabilitation centers. WatHab programs focus on both infrastructure interventions and essential components including trainings, capacity building and institutional strengthening to increase resilience and ensure sustainability of the water service, particularly in urban context.

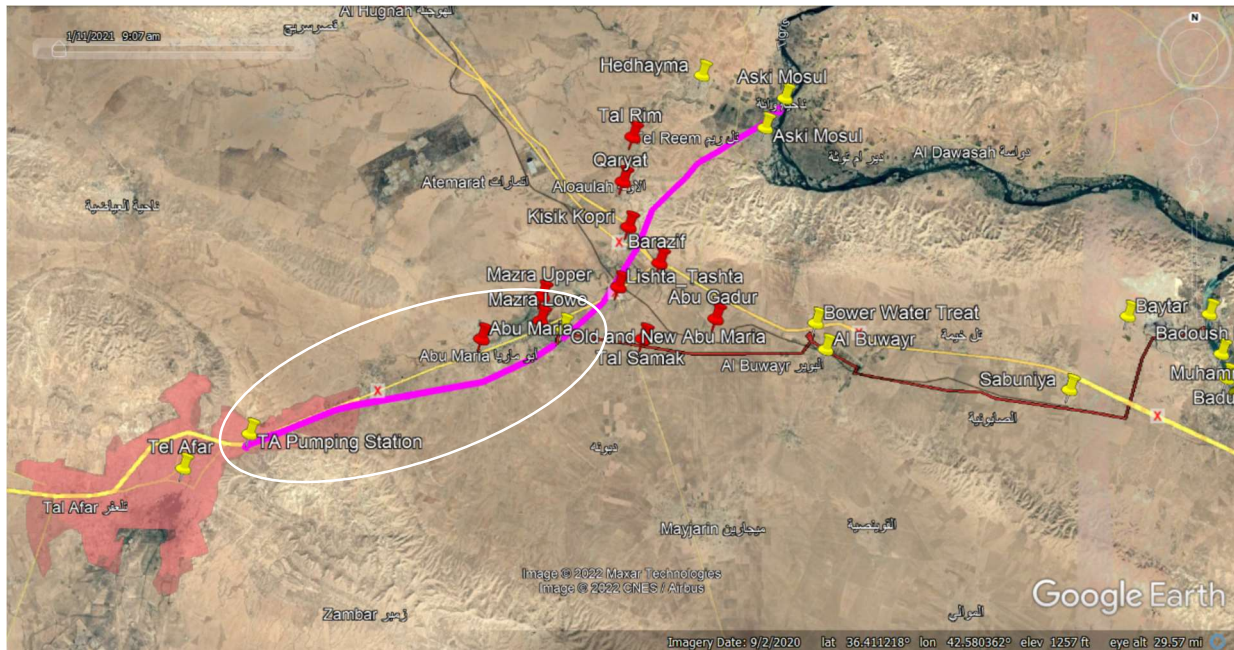
2. Objective of project

The objective of this project is

“To develop the inline detection, identification, proper location and diagnosis of the water losses points (water leakage and unknown connections), and structural weakness sections of the master pipe New Abu Maria Pumping Station – Tal Afar Pumping Station, through the use of technologies for assessing in service, big diameter, high pressure, metal pipes and unknown connections.”.

The pipe to be assessed is a 13.3 km length/900 mm Diameter, Ductile iron master pipe transporting 3200 -1750 m3/h of drinking water at 16 bars pressure; located between Abu Maria (36.431200°; 42.637477°) and Tal Afar (36.387738°; 42.483346°), Ninawa Iraq.

Figure 2-1 Abu Maria Pumping Station – Tal Afar Pumping Station Master pipe Location



Scope of project

All the civil works deemed necessary to insert, tracking and extract the inline probe(s) required will be delivered by ICRC based on the recommendations/requirements stated by the selected consultancy.

The consultant should implement the project in two stages:

- a. Inline structural diagnosis and leak detection, data collection, pipe scanning and preliminary results report.
- b. Detailed data analysis and final report including the location (x,y,z), the nature of the water losses points (water leakage, unknown connection, air pockets, unknown accessories (valves, fittings...etc)), the extension and diagnosis of the structurally weakness sectors, the analysis of potential impacts (including estimated water loss flows) and, prioritization of interventions.

3. Eligibility

ICRC invites for expressions of interest from qualified consulting firms: International or national consulting companies specialized in inline structural diagnosis and leak detection by provide in service pipeline inspection technologies and results analysis.

The contract will be awarded to provide the consultancy service over a period of two months, the implementation of the project will be according to the terms of reference and BoQ that will be shared with the shortlisted consultants' companies. the selected consultants shall demonstrate strong technical expertise and experience in inline pipe structural diagnosis and leak detection technologies.

Interested consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the services and will be shortlisted based on an analysis of this information:

- Evidence of registration from the firm's home country
- The firm's core business
- Financial information clearly identifying annual turnover (in US Dollars) for the past 3 years (accounts certified by a statutory auditing company).
- Number of employees - permanent staff and staff on limited-term project contracts
- Relevant experience in the past 10 years (in agreement with the objective and scope)
- Experience as a company in similar context, location or region.
- A letter confirming the following requirement: "The Consultant represents and warrants that neither it or any of its Affiliates, or Personnel or directors, is subject to any sanction or temporary suspension imposed by any United Nations System organization or other international inter-governmental organization. The consultant will immediately disclose to the Employer if this representation is no longer true during the term of the contract".
- Rough description of the proposed technology(ies) and expected results, approximate cost and time for the service.

4. Information session

An information / questions and answers online session will be held on **30th September 2022, 10:00 am Geneva time** for interested parties to obtain introductory information about the project. This session will be conducted via electronic means and does not require in-person representation. The interested consultant to have information before submitting their expression of interest shall confirm via E-mail to:

To: gva_logpurchengineering_services@icrc.org

Email should contain at a minimum:

- Name of company
- Address
- Contact person
- Telephone number
- e-Mail address

5. Submission

Expressions of interest submissions must be a maximum of 40 pages with a minimum size 11 font. Interested parties are invited to submit their **Eoi by email no later than 22:00 h Geneva time – 13th October, 2022, with the following subject in the title:**

“New Abu Maria -Tal Afar Master Pipe - Diagnosis and Leak detection, Ninewa Governorate, Iraq”

to the following address:

gva_logpurchengineering_services@icrc.org

Email should also contain:

- Name of organization/company.
- Address.
- Contact person.
- Telephone number.
- e-Mail address.
- Approximate cost and time for the service.

ICRC will review and respond to submissions, those firms who demonstrate the required capabilities will be shortlisted and invited to submit detailed Proposal in response to a Request for proposal - RfP to be launched later in October 2022.

6. Procurement

Organizations or Consultancy firms expressing interest in the project as a result of this request and demonstrate the required capabilities will subsequently be invited to tender for consultancy services through a request for proposal (RfP).

The RfP will elaborate the nature and content of the project in further detail, including:

- Terms of reference (ToR), providing detailed information on the objectives, scope, deliverables, methodology, provisions and requirements for consultancy services.
- The general conditions for consulting contracts based on standard FIDIC conditions for consultancy services, adjusted to ICRC
- Minimum expertise, technical and financial requirements.
- Guidance for consultants around rules to be observed by staff in the field.

Consultant can expect the RfP to be open for a period of one weeks, in which they may prepare and submit proposals based on the ToR and supporting documents. The process will include a compulsory information session in lieu of a site visit.