



STATE COMMITTEE OF WATER ECONOMY
ARMENIAN WATER & SEWERAGE CJSC

Investment Programs Coordination Directorate

Consulting Services
Communal Infrastructure Program (CIP) II,
Phase 3 – Armenia, Water and Sanitation

Deadline: 17 November, 2014

Country: Republic of Armenia
Ref.-No.: BMZ 2013 66 343

Prequalification

International, Open Tender for Consultancy Services

Ref.: Design, Technical and Author Supervision of water supply network and sewer systems of the regional Water Utilities- Shirak Water and Sewerage CJSC, Lori Water and Sewerage CJSC, Nor Akunq CJSC and Armenian Water and Sewerage CJSC service areas and 560 villages, consisting of 4 lots, CIP II-P3

Lot-1: Design, Technical and Author Supervision of the water supply network and sewer systems of the Shirak Water and Sewerage CJSC service area, CIP II-P3-SH

Lot-2: Design, Technical and Author Supervision of the water supply network and sewer systems of the Lori Water and Sewerage CJSC and Nor Akunq CJSC service areas, CIP II-P3-L-NA

Lot-3: Design, Technical and Author Supervision of the water supply network and sewer systems of the Armenian Water and Sewerage CJSC service area, CIP II-P3-AWSC

Lot-4: Design, Technical and Author Supervision of the water supply network and sewer systems of 560 villages, CIP II-P3-VILL

Tenderer: Armenian Water & Sewerage CJSC
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Funding: KfW Development Bank (the "KfW"), European Investment Bank (the "EIB"), EU Neighborhood Investment Facility (the "NIF") and the Republic of Armenia. Contract award follows the current KfW Guidelines (see www.kfw.de).

1. Project measures:

The Republic of Armenia, the State Committee of Water Economy of RA Ministry of Territorial Administration (the "State Committee") are co-operating with the KfW Development Bank

(the "KfW"), European Investment Bank (the "EIB") and EU Neighborhood Investment Facility (the "NIF") to develop the Communal Infrastructure Program (CIP) II, Phase 3 (the "Project"). The Project concerns the rehabilitation, renewal and extension of the water supply network as well as some urgent measures in the sewer system of the regional Water Utilities-Shirak Water and Sewerage CSJC, Lori Water and Sewerage CSJC, Nor Akunq CSJC and the Armenian Water and Sewerage CSJC (the "AWSC") and 560 villages spread throughout Armenia as well as the waste water treatment plant in Armavir, Metsamor (Nor Akunq service area).

The Project covers the third Phase that aims at providing continuous 24/7 potable water and demand-oriented supply of hygienically sound water and thus raising the living and health conditions.

2. Requested Consulting services for each lot:

1. Design works should be implemented in two phases:

Phase 1 – Development of Preliminary Design

During preliminary design development the following essential works should be carried out:

- Population and water demand forecast through year 2040;
- General examination of water systems current condition;
- Analysis of current problems and shortcomings;
- Analysis of water systems general requirements through year 2040;
- Preparation of Initial Environmental Examination (IEE) Report as a basis for developing Environment and Social Management and Monitoring Plan (ESMMP) in detailed design phase;
- Hydro-geological investigations and water quality sampling campaign to identify and confirm availability of water recourses (if necessary to secure new resources);
- Field investigations by means of special tools (such as metal pipes detector, leak detection equipment, ultrasonic flow meter, GPS devices, etc.);
- Justification of measures selected for reconstruction activities;
- Hydraulic modelling;
- Elaboration of the development scheme;
- Prioritization of the investments comprising the project.

Phase 2 - Development of Detailed Design

During detailed design development the following essential works should be carried out:

- In case of necessity, additional field surveys to collect hydro-geological surveys of the springs
- Geodetic surveys required for building and rehabilitation of distribution networks and other facilities;
- All necessary permits (in writing) from the relevant administrative bodies including for: crossings of utility and other services (gas pipes, electric and telecommunication cables, water pipes, roads); construction waste disposal procedures & sites; land acquisition & other right of way agreements, etc.;
- Engineering and geological surveys of basements for trenches and structures in the sections of designed water lines;
- Development of detailed design drawings based on the RA applicable building code and state standards;
- Development of detailed design report, bill of quantities, technical specifications and cost estimates in accordance with the norms of RA Ministry of Urban Development;
- Obtaining of detailed design technical expertise as well as environmental expertise conclusions as required under the RA legislation;

- Development of ESMMP;
- Presentation of ESMMP in each of the communities affected by Project implementation (through public hearings).

2. *Technical and Author Supervision of Civil Works (including environmental and safety works)*

Upon signing of the contracts for execution of civil works, the Consultant should start technical and author supervision of civil works in compliance with the RA legislation and applicable regulations. He will take over the role of the FIDIC Engineer.

3. *Assistance with regard to the Project implementation*

The Consultant should assist in the implementation of the Project, including contract implementation supervision, all aspects of procurement, disbursement and other interaction with contractors as well as with the donors.

3. The foreseen period for the fulfilment of the Services is five years from the date of signing the Contract.

4. Eligible and qualified consulting firms ("Consultants") are invited to indicate their interest in providing Consulting Services. The Short-list criteria are:

(i) core business and general experience of the company (The Company must have been operating in the sector for at least seven years); (ii) specific experience of the company in handling similar projects during the last five (5) years; (iii) experience of the working conditions in developing, transition or emerging countries; (iv) experience of the working conditions in the region or country; (v) experience of the available experts (vi) a minimum annual turnover within the past 3 years for Lot-1: 3 million €; Lot-2: 2.5 million €; Lot-3: 3 million €; Lot-4: 1.4 million €; (vii) organization and technical capacity of the company.

Please note that multiple contracts are not allowed, i.e. one Consultant must apply for one lot, except for Lot-4. This means that the Consultant is permitted to apply for Lot-4 together with one of the three other lots.

5. Further information (the long version of the Invitation for Expression of Interest) can be obtained at the "Tenderer" on working days from 10.00 to 17.00 (local time).

6. Submission of PQ documents .The prequalification proposal shall be submitted in one original and one copy in closed envelopes to the Project-Executing Agency (see address for Lot 1, 2 3 and 4 below) not later than **17 November, 2014** Documents must be delivered in a written form in English (additional Russian or Armenian translations are preferable but not obligatory). A CD with electronic documents (Adobe PDF and Word format) shall be added. One copy of the prequalification proposal in English language shall be submitted to KfW on the same date.

No liability will be accepted for loss or late delivery.

The documents are free of charge.

To: Armenian Water & Sewerage CJSC
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