BOLIVIA – SUCRE: Construction Works for the Sucre III Water Conveyance System
Lot 3: Tunnels, bridges and aqueducts
Prior Information Notice

Section I: Contracting authority

I.1) Name and addresses

Official name: Empresa Local de Agua Potable y Alcantarillado Sanitario (ELAPAS)
Address: Av. Jaime Mendoza N°866
City: Sucre
Country: Bolivia
E-mail: Sucre_3@elapas.com.bo

I.2) Communication

No additional information may be obtained from the Contracting Authority, other than the Technical Summary described in Section III.1.3.

I.3) Type of the contracting authority

Body governed by public law

I.4) Main activity

Water Utility

Section II: Financing Sources

II.1) Financing Structure

ELAPAS has received financing from the German Development Bank (KfW-Entwicklungsbank) for the Sucre III – Phase I Potable Water Supply Project, Lot 3.
This contract will be jointly financed by the Government of Bolivia, through its local government agencies (Chuquisaca Autonomous Departmental Government and Sucre Autonomous Municipal Government). Total construction cost will be funded in an approximate proportion of 75% from KfW and 25% from local funds.

Section III: Object

III.1) Scope of the Notice

III.1.1) Title:

Pre Market Engagement for the Sucre III Water Conveyance System Lot 3: Tunnels, bridges and aqueducts

III.1.2) Type of contract

Works

III.1.3) Short description:

General Information

The Sucre III – Phase I Potable Water Supply Project, aims, together with the construction of the Santa Catalina Water Treatment Plant (Santa Catalina WTP, which is part of the Sucre IV Project), to increase the availability of drinking water supply to the city of Sucre through the construction of a pumping system and a raw water conveyance system infrastructure that will allow to divert Ravelo and Potolo river waters and convey them through the Lot 3 – Water Conveyance System works, to the Santa Catalina WTP.
For this purpose, the Sucre III – Phase I Potable Water Supply Project, has been divided into following 3 lots:

- Lot 1: Access Roads (improvement of existing roads and construction of accesses to needed construction sites for Lots 2 and 3)
- Lot 2: Diversion Works and Pumping System (composed of water intake, pumping system and 2 parallel forced mains)
- Lot 3: Water Conveyance System

At the time of this Prior Notice, construction of Lot 1 (access roads) is about to begin, whereas a significant proportion of Lot 2 works have already been completed. The construction of a second phase of Lot 2 will be procured separately in the coming years. This Notice is directed to the intended construction of Lot 3 – Water Conveyance System works.

Summary of Lot 3 – Water Conveyance System works

The Water Conveyance System consists of a series of sub-components working sequentially with the main function of conveying the diverted Ravelo River water, by gravity flow through a main conveyance pipeline to the future Santa Catalina WTP site.

The conveyance system has a total length of 10.34 km, and consists roughly of the following main components:

- Three tunnels with a total length of 7,754 m (Fisculco tunnel: 5.484 km; Aritu Mayu tunnel: 0.21 km; Punilla tunnel: 2.06 km) with a main horseshoe-shaped tunnel section of 10 m^2.
- Interconnections between Fisculco – Aritu Mayu and Aritu Mayu – Punilla tunnels, consisting of an embankment (of 103 m crown length made up of tunnel extracted materials) and a posttensioned concrete bridge aqueduct (with a total length of 157 m + 56 m of accesses) respectively.
- Main pipeline conveyance made up of following stretches:
  - 8.15 km Fiberglass Reinforced Plastic (GRP) pipe, ø = 1,200 mm, free surface flow (the pipeline will be installed inside the completed tunnels and on top of the interconnection structures)
  - 0.85 km High Density Polyethylene (HDPE) buried pipe, ø = 1,200 mm, free surface flow
  - 1.22 km GRP pipe, ø = 900 mm (Santa Catalina Pressure Pipe)

The conveyance system is designed for a maximum flow capacity of 1,200 l/s, which corresponds to the water demand for Sucre in the year 2050.

A brief Technical Summary of the project may be requested to the Contracting Authority at the email address indicated in Section I.2.

III.1.5) Estimated contract value

The estimated contract value for Lot 3 works is equivalent to EUR 33 million.

III.2) Procurement Information

III.2.1) Place of performance:

The main site or place of performance will be in Sucre, Bolivia.

III.2.2) Type of procurement:

A post-qualification process is anticipated.

III.2.3) Additional information:

This is not an invitation to tender; it is solely a market engagement exercise and no direct business will be awarded as a result of this publication.

Further responding to this Prior Information Notice will not in any way advantage or disadvantage any supplier in a future procurement exercise.
This Prior Information Notice is issued in good faith, but in no way indicates that tenders will be invited for the particular project listed above at the time stated or at any time, and the Contracting Authority accepts no responsibility whatsoever for any loss or expenses that may be incurred as a result of this publication.

III.3) Estimated date of publication of procurement notice:

Third or Fourth Quarter of 2020.

Section IV: Legal, economic, financial and technical information

IV.1) Conditions for participation:

The eligibility criteria set forth in the *Guidelines for the Procurement of Consulting Services, Works, Plant, Goods and Non- Consulting Services in Financial Cooperation with Partner Countries* from the KfW Development Bank shall apply. Eligible applicants shall comply with the General and sector-specific Environmental, Health and Safety (EHS) Guidelines of the World Bank as well as the Core Labour Standards of the International Labour Organization (ILO).

Section V: Procedure

V.1) Description of procedure:

International Open Procedure

V.2) Languages in which tender documents may be issued:

Spanish

Section VI: Complementary information

VI.1) Date of dispatch of this notice:

04.05.2020