**Invitation for Prequalification**

**Country: Sao Tome and Principe**

**Name of Project: Power Sector Recovery Project**

**Contract Title: Rehabilitation and Expansion of the Contador Hydropower Plant**

**(HPP) and Access Roads**

**Sector: Energy**

**Grant No.: IDA D1260**

**Prequalification Reference No.:01/W/PSR/2016**

1. The Agência Fiduciária e de Administraçao de Projectos (AFAP) has received financing from the World Bank toward the cost of the Power Sector Recovery Project, and intends to apply part of the proceeds toward payments under the contract for the Lot 1 - Civil Works for the Rehabilitation and Extension of the Contador HPP.

2. The AFAPintends to prequalify contractors for the Lot 1 - Civil Works for the Rehabilitation and Extension of the Contador HPP in the Island of Sao Tome, which include the following works:

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| Component | Work description | Main work quantities |
| Preliminary works | Any preliminary works needed to achieve the full scope of the works, including the rehabilitation of the existing accesses or the creation of new ones depending on the Contractor methodology |  |
| Intakes | DESIGN MODIFICATION  4 major intakes:  Demolition + reconstruction with a coanda screen or a tyrolean intake + sediment trap + rehabilitation of the existing sill  2 minor intakes:  Sediment cleaning + creation of a sediment trap + improvement of the guiding wall  For all intakes:  - Replacement of the gates  - Natural hazard mitigation |  |
| Channel | MODIFICATION OF THE CHANNEL LAYOUT  - Underground excavation as a solution toward deep landslides (3 tunnels expected) | - Total length: approx. 1200 m  - Excavation: approx. 15 000 m3  - Systematic shotcrete: 11 000 m2  - Reinforcement (bolts, steel arches, etc…) if needed |
| MODIFICATION OF THE CHANNEL SECTION  - Natural hazard mitigation along the layout  - Channel demolition and reconstruction with new dimensions | - Maximum new section :1.2 m2  - formwork: 21 000 m2  - Concrete: 7000 m3 |
| * Replacement of the flushing gates * Reinforcement of the existing bridges |  |
| Loading Chamber | INCREASE OF THE STORAGE CAPACITY  -Metallic Tank dismantling  - Uphill excavation and reinforcement  - Reconstitution of the loading chamber merging the new volume created with the existing one  - Waterproof lining | - Excavation: approx. 60 000 m3 for the water storage needed of 14 600 m3 |
| Penstock | PENSTOCK REHABILITATION  - Sanding and anticorrosion painting  - Replacement of damaged stretches  - Renovation of the concrete saddles  Potential asbestos environment (joints and painting) to be confirmed in the next stage of the procurement process. | - Sanding and anticorrosion painting: 2400 m2  - Length of damaged stretches: approx. 200 m |
| Powerhouse | INTERFACES WITH THE ELECTROMECHANICAL WORKS CONTRACT FOR OVEREQUIPMENT TO 3 MW  - Civil works related to the replacement of the units in the powerhouse and the tailrace channel (demolition and reconstruction adapted to the new units and sealing of fixed parts)  - Civil works related to the replacement of the head gate (including its wiring to the powerhouse for its monitoring and control).  - Natural hazard mitigation measure around the powerhouse and access roads. |  |

The work site is located 5 km far from the village of Neves at the North-West part of the Island of São Tomé. The site is mountainous with very limited access to the channel and the intakes which are at an elevation of 600 m asl.

To be noted that the electromechanical (E&M) works consisting in dismantling and replacing the existing units for over-equipment as well as the head gate is subject to a separate contract (Lot 2). However, the E&M works will lead to civil work interfaces which will be part of the contract for which the present prequalification process is carried on.

It is expected that the Request for Bids will be made inFebruary 2019.

3. Prequalification will be conducted through the procedures as specified in the World Bank’s [Procurement](http://www.worldbank.org/html/opr/procure/guidelin.html) Regulations for IPF Borrowers, July 2016, revised November 2017 and August 2018, (“Procurement Regulations”), and is open to all eligible Applicants as defined in the Procurement Regulations.

4. Interested eligible Applicants may obtain further information from the Agência Fiduciária de Administração de Projectos – AFAP at the address below during office hours, Monday to Friday, from 08:30 hours to 12:00 hours and from 14:30 hours to 17:00 hours. A complete set of prequalification documents in English may be acquired by interested Applicants on the submission of a written application to the address below.

The document will be sent by email or delivered in person at the same address.

5. Applications for prequalification should be submitted in clearly marked envelopes and delivered to the address below by **15:00 hours (Local Time) on the January 30, 2019**. Late applications may be rejected.

**Agência Fiduciária e de Administração de Projetos (AFAP)**

**Att: Mr. Alberto Fernandes Leal, Coordinator of AFAP**

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