



Bihongora Hydro Power Project.

SUITE 303, KIGALI HEIGHTS
KIMIHURURA, KIGALI, RWANDA
TIN: 103729314

Invitation for Bids (IFB)

Bihongora Small Hydroelectric Power Project

Contract No: BSHPP-TA-01

Contract Title: BSHPP-TA-01: Technical Agent for the Bihongora Small Hydro Electric Plant.

Bihongora Hydropower Ltd (BHL) is financing and developing the Bihongora Small Hydroelectric Power Plant (BSHPP) in the NW area of Rwanda.

BHL now invites sealed bids from selected bidders for Contract BSHPP-TA-01: Technical Agent for the Scope of Works detailed in the attached ToRs and summarized as follows:

1.0 SCOPE OF WORKS

The Bihongora HPP (BHPP) Owner's Project Implementation Team will comprise of the:

- Owner's Representative – OR.
- Technical Agent - TA.

The flow of information between the Owner, the Project Implementation Team, the EPC Contractor and the Lender's Technical Advisor will be co-ordinated by the Owner's Representative (OR). The TA will take part in design review meetings, factory visits, construction, erection and commissioning processes through site visits, Skype calls and email communication as required. The OR and the TA will be assisted by Site Staff based on the Project.

The attached ToRs detail the Scope of Services of both OR and TA and is based upon the main task allocation as per the Table in Section 1.3. In each description of the Scope of Services (Section 1.3), only the tasks for which each party is Main Contributor are listed. OR and TA will be the leader for the tasks presented in their respective columns of the Table in Section 1.3.

The TA will be contracted directly to the Owner.

This overall arrangement is based on BHPP implementation consisting of two EPC Contracts and the Electro-Mechanical Contract, which will be let by the Owner and managed by the main EPC Contractor, namely;

- 1.1 the Advance Works consisting of the access roads, buildings and services.
- 1.2 the Main Civil and Hydro-Mechanical Works.
- 1.3 the Electrical-Mechanical Works from water to wire.

The PIT is an entity constituted to supervise and cross-check the Project (Bihongora HPP) implementation.

1.1 Advance Works

For the Advance Works the Scope will include review of detail design and supervision of the construction of the Site Access Roads and the Employer's Facilities including relevant Services. A brief description of the Works involved is as follows;



Bihongora Hydro Power Project.

SUITE 303, KIGALI HEIGHTS
KIMIHURURA, KIGALI, RWANDA
TIN: 103729314

1.1.1 Civil Works

The Scope of Works involves review and comment on Design and Supervision of the following:

- Site access roads to:
 - PH area.
 - Intake area.
 - Forebay area.
 - To the buildings / laydown areas (loop road)
- Site filling, compacting, leveling and grading to include any excavation, loading and transport of excess material for powerhouse, offices, assembly and construction camp areas platforms.
- Facilities Buildings to include mess, dormitory, toilet block and library / offices as shown on the drawings.

1.1.2 Services for the PH Area.

The Scope of Work also includes review and comment on the following items for the Powerhouse Residential Area;

- Electrical distribution system
- Telecommunication system
- Lighting
- Grounding
- Potable and industrial water system
- Waste water system

1.2 Main Civil and Hydro-Mechanical Works.

The Scope of Works includes involvement to the level shown in the ToRs in the checking of the Final Design, and Construction Supervision of the Civil Works for the entire project and all required Hydro and Electro Mechanical Installation Works. A brief description of the major works is as follows;

1.2.1. Permanent Surface Civil Works

The Main Works consist of;

- Weir with Tyrolean Intake.
- Power Intake including control gates.
- Temporary Diversion structure
- Inlet Chamber, Headrace Canal, De-sanding Tank, Low Pressure Pipeline, Forebay and Penstock.
- Powerhouse
 - The Powerhouse scope of work includes the detailed design, procurement, shop fabrication, transportation, delivery to site, installation, testing and commissioning of the following items for the Powerhouse:
 - Electrical distribution system
 - Telecommunication system
 - Lighting
 - Grounding
 - Potable and industrial water system
 - Wastewater system
- Tailrace channel
- Switchyard civil works including control building.
- Relevant Permanent access roads.



Bihongora Hydro Power Project.

SUITE 303, KIGALI HEIGHTS
KIMIHURURA, KIGALI, RWANDA
TIN: 103729314

1.2.2 Temporary Installations

The review and comment on design and construction of the following:

- Required site facilities and temporary installations such as batch plant, aggregate crushing and screening plant, construction camp, medical clinic, workshop, storage area, etc.

2.0: Time for Completion.

The total time for completion of above scope of work shall be thirty months (30 Months) from the effective date of the Advance Contract.

3.0: Bidding

Bidding will be conducted through the Standard International Competitive Bidding procedures and eligible bidders may obtain further information from EAPL during office hours (0900 to 1700 hours) at the address given below.

Bids shall be delivered in two parts:

- Part 1: Technical. To include brief details of senior staff and proposed methodology.
- Part 2: Financial. To detail the fixed price and daily rates for the Works.

Bid Security: Not required.

Electronic bidding *will* be permitted. Late bids will be rejected.

For any clarification refer to:

Attention: **John Lee Pattinson - Project Manager**

Telephone: C: +250 (0) 785 719 853

Electronic mail address: jl.pattinson@eastafricanpower.com

Bids shall be delivered to the address below :

For **bid submission purposes** only, the Employer's address is:

Attention: John Lee Pattinson- Project Manager, East African Power Ltd, No 1 KG 632 St, Kigali, Rwanda

The deadline for bid submission is:

Date: 20th November 2020

Time: 10:00 Hrs

Location of bid opening:

The bid opening shall take place at:

EAP Ltd, No 1 KG 632 St.

City: Kigali

Country: Rwanda

Date: 20th November 2020.

Time: 16:00 Hrs