



Electricity Generation Company (Malawi) Limited

EXPRESSION OF INTEREST (EOI) FOR EPC CONTRACTOR FOR WOVWE EXTENSION HYDRO POWER PROJECT

Reference Number: EGC752/ICB/RFP/FY2023-2024

1. Introduction

Electricity Generation Company (Malawi) Limited (EGENCO) wishes to embark on an extension project of Wovwe Hydropower Station that is located in Karonga District, 17 km off Uliwa Trading Centre (along M1 Road) to the west in the Northern Region of Malawi, along the Wovwe River. This project will increase generation capacity on the grid, thereby increasing reliability and quality of electricity supply in Malawi. The existing plant started commercial operations in 1996. It is designed to either connect to the National Grid or operate in Island mode (not connected to the National Grid). When operated off-grid, it is capable of supplying electricity to Karonga and Chitipa districts. It is made up of 3 Pelton turbines with a total rated installed capacity of 4.36 MW.

In 2017, EGENCO commissioned a feasibility study to explore the possibility of extending and increasing the capacity of the existing Wovwe Hydropower Plant. The feasibility study indicates that it is technically feasible to extend the hydropower generation capacity by 4.5MW on the optimum configuration of a run-of-river basis from the existing intake pond. Premising on the prevailing topographic, geological, hydrological, infrastructural, environmental and socio-economic boundary conditions, the optimization analyses shows that Wovwe Hydropower Plant extension offers a safe, rational and reliable project setup.

In view of the above, EGENCO wishes to engage a reputable and experienced firm to execute the project under EPC (Engineering, Procurement, Construction) contract. The successful firm shall, under this EPC contract, be responsible for the detailed design, manufacture, supply, transportation, construction, installation and commissioning of turbines and all other associated works (water conveyance systems - civil works and hydraulic systems, substation and electro-mechanical), including spare parts.

2. Invitation for Expression of Interest (EOI)

EGENCO is inviting qualified firms to express their interest for provision of Engineering, Procurement and Construction ('EPC') services for the entire project, which includes the provision of the detailed design, manufacture, supply, transportation, construction, installation and commissioning of turbines and all other associated works (civils, substation and electro-mechanical), including supply of spare parts, which will be detailed in the Tender Documents, Specifications, Drawings and Employers Requirements. Through this EOI, EGENCO intends to prepare a shortlist of potential firms having requisite eligibility and experience in executing works of similar nature through EPC Contract.



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3. Project Location

Wovwe is located North of Malawi, in Karonga District about 120 km north of Mzuzu City. The area is 17 km west of Uliwa Trading Center and accessed by an earthen road T304 that connects to M1 road at Uliwa. The coordinates for the project location are 10°26'42"S; 34°05'2"E.

4. Project Characteristics

- Operating mode: Run-of-River, with some storage facility.
- A storage dam: reservoir of approximately 100,000 m³ (dead and live storage)
- Installed discharge: 1.02 m³/s.
- Gross head of 516 m; net head of 490 m at installed discharge.
- Intake is of weir type with a de-sanding facility

5. Project scope

- Upgrade of existing Access roads.
- Modification and upgrade of existing weir and intake.
- Extend gravel trap for connection of three sand trap bays.
- Construct additional, separate sand trap bay with a design discharge of 1.02 m³/s.
- Construct separate low-pressure headrace conduit with a diameter of 0.9 m and a length of approximately 2 km.
- Construct a separate surge tank with an inner diameter of 4 m and a height of 8.5 m.
- Supply, install and commission separate penstock with a diameter of 0.7 m and a length of approximately 2.6 km.
- Construct separate powerhouse, housing 3 Pelton units with two jets identical to existing ones (Q=0.34 m³/s; P=1.5 MW).
- Construct a separate tailrace channel for 1.02 m³/s.
- Supply, install and commission switchyard equipment is to be installed on the existing spare switchyard bay.
- Connect the new project to the existing 66 kV transmission line.

6. Project Duration

The project shall have to be completed within 24 calendar months, from the date of contract signing.

7. Eligibility Criteria

To qualify for shortlisting, Prospective Firms must submit all the information required to prove that they are qualified to do the specified works. The Submission should meet the following criteria:



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7.1. Qualification of firms

- I. The Prospective Firms shall have a formal business registration in country of operation for a minimum period of 10 years. This shall be supported by a copy of the business registration certificate to be included in the Submission.
- II. The nature of business for prospective firm shall be consistent with power generation projects for a minimum of 10 years, specifically in EPC Projects.
- III. The firms should have experience in providing EPC services for Hydro Power Projects having minimum capacity of 5 MW within last Ten (10) years.
- IV. The firms shall consist of people with extensive professional experience hydropower projects.

7.2. Applicant's Experience

Interested firms shall have experience that demonstrates at least two (2) successful EPC assignments in Hydro Power Projects in the past 10 years. In case of a Consortium, indicate the experience of each partner. For each assignment, the outline should indicate client details, size/rating of the project, specific technology, year completed, duration of the assignment, location and related location details, contract amount, and sub firms contracted, if any, with their country of registration, contacts and experience.

Experience from assignments completed by individual professional staff working privately or through firms other than the applicant shall not be transferred to the bidding firm.

7.3. Financial Status

The Prospective firm (the leading Firm in the case of a Joint Venture or Consortium) shall provide audited financial statements duly certified by a public accountant for the most recent 3 (three) full financial years including, in each case, a consolidated balance sheet, income statement, statement of cash flows and accompanying notes.

7.4. Legal Status

- a) For the purposes of the Process, this EOI, **Relevant Person** means, with respect to a person:
 - i. Any company controlling, controlled by or under common control with such person;
 - ii. Any director, senior executive or manager either of such person or of any company referred to in paragraph (i);
 - iii. Any firm, agent or representative supporting such person in connection with the Process or the Project; and
- b) The Prospective Firm (or each Consortia Member in case of Consortia) shall provide a letter duly signed by its Authorized Signatory indicating that the Prospective Firm or Consortia Member (in case of Consortia) has satisfied all of the following legal requirements:
 - i. It and all Relevant Persons are not in bankruptcy or liquidation, or receivership, or wound up, or their affairs are not being administered by a court or a judicial officer, or their business activities have not been suspended or they are not the subject of



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- legal proceedings of any of the foregoing and have a reasonable expectation of being able to discharge all financial liabilities as they fall due;
- ii. Neither it nor any Relevant Person has been convicted of fraud, corruption, collusion or money laundering or for a criminal act involving dishonesty, physical violence or intentional harm to human life, or for any criminal offence related to their professional conduct within a period of five years of commencement of the procurement proceedings, nor is the subject of credible and/or persistent allegations related to, or is under investigation for, such criminal activities;
 - iii. It is not aware of any conflict of interest or potential conflict of interest arising from prior or existing contracts or relationships which affects or could affect its or (upon formation) the Prospective Firm's potential involvement in the Project (other than supply or service agreements among members of the Consortia Member's corporate group in the ordinary course);
 - iv. Neither it nor any Relevant Person has any tax liabilities, outstanding social security contributions or liabilities in respect of judgments awarded by any court or similar proceedings in the period of three years prior to the date of this invitation, save in each case to the extent that it has made suitable accounting provision for such liabilities in accordance with applicable accounting regulations;
 - v. Neither it nor any Relevant Person has previously been excluded from tender or other public procurement processes in their country of registration;
 - vi. Neither it nor any Relevant Person:
 - a. Is included as a debarred person pursuant on the public sanctions list of any multilateral development bank that is party to the Agreement on Mutual Enforcement of Debarment Decisions of 9 April 2010 (www.crossdebarment.org);
or
 - b. Is included on any sanctions lists promulgated by the UN Security Council or its Committees, or any other recognized international sanctions list; and
 - vii. Neither it nor any Relevant Person has operations (directly or through any subsidiary) or carries out transactions that are not in compliance with the sanctions promulgated by the UN Security Council or its Committees or national sanctions in their country of registration.
- c) The Prospective Firm or Consortium Member (in case of Consortia) shall also provide the following:
- i. A power of attorney authorizing the person(s) signing and submitting the EOI and subsequent RFP on behalf of the relevant Prospective Firm so to do, satisfying all authentication formalities.
 - ii. A comprehensive organization chart showing directors of the firm
 - iii. Declaration beneficial owners of the firm
 - iv. Certified copies of up-to-date constitutional documents (e.g. certificate of incorporation and/or registration, extract from commercial registry, by-laws)



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8. Required information

Interested and eligible prospective applicants are required to submit the following documents complete in all respects with One (1) original and three (3) authenticated copies for each of the following;

SI. No.	Description of documents to be submitted
1	Application letter for expression of interest
2	Profile of the Bidder: <ul style="list-style-type: none">a. Name, address, telephone, fax numbers and email address of the firm and all partners in case Joint Venture.b. Ownership and Organizational Structure of the firm and all partners in case Joint Venture.c. Power of attorney.d. Year of establishment.e. Legal documents for the firm (Certificate of incorporation, etc.)
3	History of Litigation: <ul style="list-style-type: none">a. Bidders shall declare and provide information on past and current litigation or arbitration cases arising from contracts executed by bidder in the last ten (10) years or currently under execution. Litigation details shall include nature of litigation, value, date it was filed, country, parties involved and status at submission of this EOI
4	Experience and past performance: <ul style="list-style-type: none">a. List and description of hydropower assignments of similar size and complexity, undertaken in the last 10 years. (Minimum two project references should be furnished)b. List of General design and Construction assignments executed during last ten years.c. Performance / completion certificates of assignments / projects issued by the relevant Clients completed are to be provided.
5	Financial Capability: <ul style="list-style-type: none">a. Submission of audited balance sheets or if not required by the law of the applicant's country, complete financial records acceptable to the Employer, for the last three (3) years, duly signed by a certified public accountant. And, for unaudited balance sheets from countries where the above exception applies, should be signed by at least two company directors and endorsed by a law firm, to demonstrate the current soundness of the applicant's financial position and its prospective long-term profitability.b. Minimum average annual construction turnover of 50,000,000 US Dollars equivalent, calculated as total certified payments received for contracts in progress or completed, within the last three (3) years.



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	<p>c. A Letter from a reputable bank to demonstrate that the company is a reputable company and has the financial capacity to undertake the work.</p>
6	<p>Professional Competence:</p> <p>a. Personnel List of Project Team with qualification and summary previous experience related to hydropower project along with their proposed tasks on the project.</p> <p>All team members listed must have a minimum of Bachelor's Degree from recognized Institute / University and 10 years relevant experience in the relevant discipline of hydropower projects.</p>
7	<p>Quality Assurance / Control and Health, Safety & Environment:</p> <p>a. Company's HSE Policy Documents b. Company's QA/QC Policy documents</p>
8	<p>Any other information:</p> <p>a. Any other document / information desired by the Project Company. b. Any information that contains all the relevant documents required to be submitted along with the bid and the procedure to evaluate the bids as required in section 7.</p>

(*) Details to cover (for item no. 4(a)):

- Project Owner
- Location
- Name of project.
- No. of Units
- Unit size
- Technology details
- Project cost
- contract value
- Project start and completion date
- scope of works
- Project present status

Other points to note



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- Each page of the document submitted shall be duly authenticated by the applicant
- The language of submission of application shall be in English
- Financial data, project costs, value of works shall be given in US Dollars

9. Evaluation of Submitted Applications

- A. EGENCO shall first examine each Submission to determine whether it is complete in form and substance.
- B. In the event of any inconsistency between the original and any of the copies making up a Submission, the original shall prevail.
- C. Where EGENCO deems it convenient or necessary for clarification purposes, it may – but shall not be so obliged – request supplementary information or documentation from a Prospective Firm (whether relating to such Prospective Firm, any Consortium Member, the relevant Submission or any document submitted as part thereof or otherwise in connection therewith) for determining its eligibility. Whenever such request is made, the Prospective Firm shall provide the required information or documentation to EGENCO within the time as is specified in the request from EGENCO.
- D. Once EGENCO has concluded the clarification process contemplated in paragraph C above (if any), it shall proceed to formal evaluation of the Submissions. Such evaluation shall be on a simple “Pass/Fail” basis as follows:
 - i. Any Prospective Firm whose Submission demonstrates compliance with the Eligibility Criteria for Qualified Prospective Firms (Section 7 of this EOI) shall be designated as a “Pass”.
 - ii. Any Prospective Firm whose Submission fails to demonstrate compliance with the Eligibility Criteria for Qualified Prospective Firms (Section 7 of this EOI) shall be designated as a “Fail”.
- E. EGENCO reserves the right to disregard minor deviations from the formal Eligibility Criteria for Qualified Prospective Firm (Section 7 of this EOI), provided that it is clear from the relevant Prospective Firm’s Submission (and from any subsequent clarifications sought for) that the Prospective Firm satisfies all the other Requirements.
- F. EGENCO shall be entitled to disqualify any Prospective Firm if it discovers that any statement in any document provided by such Prospective Firm as part of or in connection with its Submission is or was when made, incorrect or misleading in any material respect.
- G. EGENCO shall examine availability of appropriate experience and professional qualifications among applicant's staff and adequate resources to carry out the assignment; and managerial strength and financial capacity.



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EGENCO reserves the right to accept any or reject any/ all EOIs without assigning any reason thereof.

10. Delivery of submissions

The EOI clearly marked “**EXPRESSION OF INTEREST (EOI) FOR EPC CONTRACTOR FOR WOVWE EXTENSION HYDRO POWER PROJECT**” and should be delivered to the address below and deposited in the Tender Box located at **Floor Number 4, Chayamba Building, No. 7 Victoria Avenue** no later than **2:00 p.m. on Tuesday, 5th March, 2024.**

The Prospective Firms will be required to register with the Procurement Department on Floor Number 4, Chayamba Building, No. 7 Victoria Avenue before depositing the EOI in the Tender Box.

Late submissions and submissions by email and telefax will not be accepted.

11. Important Dates

Task	Milestone Date
Date of Posting	Wednesday 17 th January , 2024
Deadline of request for Clarifications	Wednesday 31 st January, 2024
Issue Clarifications on or before	Wednesday 7 th February, 2024
Submission Deadline	Wednesday 6 th March, 2024

Note: Although every attempt will be made to meet the milestone dates, EGENCO reserves the right to modify any or all dates at its sole discretion.

12. Inquiries

Prospective Firms may submit questions and request clarifications related to this EOI via e-mail (no telephone contact in this regard) to procurement@egenco.mw no later than 5:00 p.m. on Wednesday 31st January, 2024. All questions will be compiled and related responses will be publicly posted (no confidential questions) on EGENCO’s website by 7th February, 2024.