



# Ethiopian Electric Power

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## CALL FOR RESEARCH PROPOSALS

### I. Introduction

The Ethiopian Electric Power (EEP), a public company operating under the law of the Federal Democratic Republic of Ethiopia is mainly responsible to undertake the construction and operation of power generation, high voltage transmission lines, and substations.

EEP as a public enterprise is mandated by the decree proclaimed under Regulation 203/2013 adopted by the Council of Ministers on December 27, 2013, with the following main objectives:-

- Undertake feasibility studies, design, and survey of electricity generation, transmission, and substations; contract out such activities to consultants as required;
- Undertake electricity generation, transmission, and substations; construction and upgrading to contract out such works to contractors as required;
- Handle electricity generation, transmission, and substations operation and maintenance activities;
- Bulk power sale and leasing power transmission lines.

Taking into account the importance of research and development in the electricity sector and the country's socio-economic development, Ethiopian Electric Power (EEP) Research and Development department has been designated to coordinate the research-related activities for the development of the power sector to secure sustainable development at the national level, as well as to carry out the research that secures the required sustainable and reliable electric supply. As the department is mandated to undertake and coordinate the research works, it has identified the research thematic areas/topics/ and is seeking for competent researchers that are capable to undertake the research and come up with solutions to the problems identified. Therefore the department invites qualified researchers for the following research areas.

## **II. Topics or titles identified for 2022/23 call for research proposal**

The topics identified for the research are: -

1. Road to financial sustainability and affordability (system loss, tariff, investment, equity..) in Ethiopian Electric Power.
2. Power quality problems and improvement in the Ethiopian power system.
3. Assessment of ESIA implementation on energy sectors: the case of Ethiopian Electric Power projects.
4. Integrated hydropower reservoir management and optimization with an optimal power usage of renewable energy including technologies to be used.
5. Assessing and determining factors that influence employee engagement in Ethiopian Electric Power.

## **III. Who can apply, and what type of proposals may be presented**

This invitation is addressed to all Ethiopian Electric Power staff, who have the capability and experience in researching the stated research areas and fulfill the eligibility requirements.

The proposals shall be capable to identify the problems and propose solutions and enhance innovative ideas. The proposal shall analyze and discuss these topics and their relevance to the enhancement of sustainability, reliability, and quality assurance processes.

## **IV. Eligibility Requirements**

Researchers meeting the criteria highlighted below are encouraged to submit a proposal to undertake the study.

- Minimum of MSc/MA degree for single applicants and BSc/BA degree for applicants who are applying as a team.
- Have a direct/related educational and experience background with the selected topic.
- Have a minimum of five years' work experience in energy sectors or related.
- Have the potential to carry out research on the stated titles.
- All applicants are required to attach their CVs in their submissions.

## V. Proposal Requirements

Potential individual researchers/professionals are invited to prepare their research proposals clearly and answer the basic questions of the research discussed on the concept note however, the extra innovative concepts are appreciated. The concept note for the topics can be found at <https://www.eep.com.et/en/research-devt/call-for-research-proposals-and-seminars/>

The proposal must fulfill the minimum basic guidelines for research proposal preparation and submission of Ethiopian Electric Power. Please find the **basic guidelines for research proposal preparation and submission** from the company's website <https://www.eep.com.et/en/research-devt/research-ethics-and-guidlines/>.

The research proposal should be a maximum of 15 pages.

## VI. Submission Requirements

Submissions should consist of the following

- 1) **The proposal:** a maximum of 15 pages setting out the issues to be analyzed together with the methods to be used.
- 2) **Current CV(s):** for each researcher, a CV not more than 5 pages, with information on nationality, gender, full contact details, education levels, and professional experience.
- 3) **Work program and timeline:** A brief description of the activities and timeline needed for each activity. The total duration of the study will preferably be 12 months.
- 4) **Budget and budget justification:** Estimated cost breakdown of expenditure by major line items, e.g. research assistance, travel, computer time, secretarial support, honorarium, etc. The budget breakdown must be clear and justified.
- 5) **Submission deadline:** The proposals must be submitted before 21<sup>st</sup> February 2023.

**N.B:-** Incomplete applications, late submissions, or applications that do not meet the required criterion will not be reviewed and will not be accepted.

Any proposal that goes against research ethics and research misconduct will result in an automatic rejection of the proposal.

Interested researchers should submit two hard copies of proposals through personal delivery, at **EEP Headquarter, Research and Development Department, 11<sup>th</sup> floor before 21<sup>st</sup> February 2023**, and a soft copy to the following email addresses.

**Miraje Fereja; email: - mirajefereja41@gmail.com or**

**Lema kefyalew; email: - Lmmbiz2002@gmail.com**

If emailed, each submission should be in Microsoft Word format, PDF and should be properly formatted according to the basic guidelines for research proposal preparation and submission of Ethiopian Electric Power.

The subject of your email should read “TITLE OF YOUR CHOICE – PROPOSAL SUBMISSION”.

**N.B:** - For any inquiry and additional information or if you need further explanation for the given titles, please write to:-

**Miraje Fereja, Research and Development Director**

Email: - mirajefereja41@gmail.com

**Lema Kefyalew, Associate Researcher**

Email: - lmmbiz2002@gmail.com