

UNITED REPUBLIC OF TANZANIA

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

UNIVERSITY OF DAR ES SALAAM
OFFICE OF THE DEPUTY VICE CHANCELLOR
(ACADEMIC)



UDSM-Sida iGRID Project CALL FOR APPLICATIONS FOR POSTDOC SPONSORSHIP FOR COMPUTER AND IT SYSTEMS ENGINEERING

Project Outline

The overall objective of Sida iGRID sub-programme (Phase II) is intended to develop human technical and scientific capacity to facilitate implementation of automation of monitoring, evaluation, analysis, control and management of electrical power system. iGRID phase II theme is Smart Grid Capacity Development for Enhancing Electrical Power Network Management in Tanzania. The purpose being to improve delivery efficiency and to optimize operational costs in the electrical power system in Tanzania. In the iGRID sub-programme research is focused on addressing societal needs and provide innovative solutions that invokes critical thinking using Smart grid technologies (i.e. making electrical power network smart and intelligent using ICT).

ELIGIBILITY

- Must be a PhD degree holder preferably in electrical, electronic or computer engineering from a recognized institution;
- Not more than four years since PhD graduation;
- Must have demonstrated drive to publish and do research in smart grid discipline;
- Has shown and demonstrated willingness to supervise, manage, and oversee research activities of research students;
- Readiness to learn and acquire new skills;
- Has strong knowledge, capacity and experience in smart grid related areas;
- Is willing and can demonstrate ability to engage in research activities in the smart grid discipline and publish in reputable journal; and
- Willing to learn and explore new knowledge areas in the smart grid discipline.

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RESEARCH FOCUS FOR RESEARCH PART OF STUDIES

The research works shall be in the different aspects of Smart grid. Each Postdoc shall choose academic area of interest and potential in the field of Smart grid. The Postdoc shall encourage and guide a student(s) to work with him or her in that area.

SPONSORSHIP DURATION

The duration for sponsorship will be for ONE year, starting November 2023.

RESEARCH FELLOWSHIP BENEFITS

It is a full package sponsorship covering:

- (a) Monthly stipend at a rate to be communicated to successful applicant.
- (b) Field work for data collection and analysis where applicable.
- (c) Support to present papers in peer reviewed international conferences.
- (d) Support for two months study visit to KTH.

APPLICATION PACKAGE

All applicants must include in their application:

- An up-to-date detailed Curriculum Vitae.
- An application letter for the position.
- Commitment to undertake activities in the iGRID project activities including mentoring and guiding PhD students
- List of their recent publications in reputable journals and conferences;
- Statement to justify qualification for the position;
- Academic certificates and transcripts for MSc and PhD;
- Abstract of three to four pages of research proposal in Smart grid discipline

SUBMISSION

Submit soft copies in PDF to: kwame.ibwe@gmail.com, the Principal Investigator of the project.

DEADLINE

Applications must be received by 30th September 2023. Any application received later than this date will not be processed.