



ELECTRICITY ACCESS SCALE-UP PROJECT (EASP)

PROJECT ID: P166685

**REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTING SERVICES – FIRMS SELECTION)**

**STUDY ON OPTIMIZATION OF GRID EXPANSION &
INTENSIFICATION DESIGNS, CONSTRUCTION
PLANNING & DESIGN STANDARDS AND
DISTRIBUTION MATERIALS SPECIFICATIONS TO
SUPPORT ACCELERATED ELECTRICITY ACCESS IN
UGANDA**

REFERENCE NO: MEMD/CONS/2022-2023/00107/EASP

Background

The Government of Uganda (GoU) has received funding from the World Bank for the implementation of the Electricity Access Scale-up Project (EASP) to be implemented over a period of five (5) years through the Ministry of Energy and Mineral Development (MEMD) as the lead agency. The EASP Development Objective (PDO) is to increase access to energy for households, commercial enterprises, industrial parks, and public institutions. Part of the funding under this project will go towards implementing both electricity grid infrastructure and connections under the Government Electricity Connections Policy (ECP) and will be implemented on an Investment Project Finance (IPF) and Results Based Finance (RBF) approach under the Ministry of Energy and Mineral Development (MEMD). The EASP has four components namely:

Component 1: Grid Expansion and Connectivity: Consumer connections (no-pole and one-pole) of up to 1,073,500 households, investments in new grid infrastructure to accommodate additional connections and electricity grid extensions;

Component 2: Financial Intermediation for Energy Access Scale-up: Soft loans through banks to Solar System Dealers to provide solar Systems to Schools, health facilities, water pumping facilities and communities far from the grid. Funds to be administered by Uganda Energy Credit Capitalization Company Limited (UECCC);

Component 3: Energy Access in Refugee Host Communities: This will provide interventions under components 1 and 2 but specifically in Refugee Host Communities.

Component 4: Project Implementation Support and Affordable Modern Energy Solutions: The component will raise institutional and public awareness on climate change mitigation and the importance of renewable energy technologies and efficient appliances. In addition, the component will provide grant financing to remove the entry and affordability barriers and incentivize performance to promote energy solutions for productive uses, efficient appliances, clean cooking solutions and public institutions.

The grid expansion and connectivity component of EASP aims at increasing access to electricity in all areas of Uganda through, among others, supporting attainment of Government's access goals in a timely manner thereby contributing towards achievement of Government's development goals outlined in the Electricity Connections Policy (ECP), Third National Development Plan (NDP III), Second Rural Electrification Strategy and Plan (RESP 2) and Uganda's Vision 2040. The Project will finance establishment of at least 1 million connections in rural, Peri-urban and urban areas by implementing Last Mile Connections from the existing network within and outside the Umeme Concession, Network Expansion and Strengthening, Energy Access in Refugee Hosting Communities and Industrial Parks.

Component 4 will support GoU's current initiative to rationalize the Uganda power sector institutional structure. With the growing initiatives towards accelerated electricity access, the Ministry identifies the need to assess the sector's grid electrification standards and regulatory frameworks to optimize the rapidly growing investments in the electricity sector. As part of component 4, the Ministry will undertake studies to establish how to optimize distribution network design methodologies based on location, accommodating change in terrain, transformer sizing, standardization of MV and LV length and respective protection and control designs to support and accelerate electrification rates and grid reliability in Uganda.

Duration: This assignment is expected to take a period of six (6) months. The timing of key milestones in the assignment is detailed in the terms of reference.

The detailed Terms of Reference (TOR) for the assignment can be found at the following website: www.energyandminerals.go.ug or can be obtained at the address given below.

The Ministry of Energy and Mineral Development now invites eligible consulting firms ("Consultants") to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

The short-listing criteria is as follows:

- i) The consulting firm (s) should have should have at least ten (10) years of experience related to Energy Sector Institutional, Regulatory and Legal aspects; Integrated Energy Sector Planning; Planning and Design of Power Distribution Systems; Rural Electrification (on-grid and off-grid); and Utility Management and operations. The consulting firm's experience in Uganda's Power Sector will be an added advantage.
- ii) Assignments of similar scope, nature and value Involving Energy Sector Institutional, Regulatory and Legal aspects; Integrated Energy Sector Planning; Planning and Design of Power Distribution Systems; Rural Electrification (on-grid and off-grid); and Utility Management and operations
- iii) Presentation of at least two (2) similar assignments (in nature, value and scope) in Sub-Saharan Africa or other countries in the world at similar level of development as Sub-Saharan Africa to prove possession of the above competences carried out over the last 10 (ten) years.
- iv) A staff organogram reflecting the envisioned activities should therefore be presented.
- v) The general qualifications, experience and the number of key staff as provided in the ToRs (Do not provide CV of staff at this stage)

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers [January 2011 Revised July 2014] ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

Consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Consultants' Guidelines.

Further information may be obtained at the address below during office hours 8:30am - 5:00pm Local Time.

Head Procurement and Disposal Unit (PDU)

Ministry of Energy and Mineral Development

Street Address: Plot No 29/33 Kampala Road

Building: Amber House, 1st Floor, Room C109

Email: hpdu@energy.go.ug, kir.trish@gmail.com, tomasi2020@gmail.com

City: Kampala

Country: Uganda

Expressions of interest must be delivered in a written form or by email to the address below by **SEPTEMBER 13, 2023** at 10:00AM Local Time.

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PERMANENT SECRETARY