

REQUEST FOR EXPRESSION OF INTEREST FOR PROPOSALS FOR IT & OT SOLUTIONS FOR A LARGE POWER UTILITY

Sector :	Energy
Expression of Interest Reference No:	KP1/9A.2/EOI/002/ICT/24-25
Country :	Kenya

I. BACKGROUND

The Kenya Power and Lighting Company Limited PLC was established as a Limited Liability Company in accordance with the Companies Act, Cap 486 of the Laws of Kenya. The Kenya Power and Lighting Company PLC. (The Company) is a Public Limited Liability Company incorporated in Kenya under the Companies Act, 2015 (previously Chapter 486, Laws of Kenya) and listed on the Nairobi Securities Exchange. The Company's core business is to transmit, distribute and retail electricity which is purchased in bulk from various generating companies and to provide related customer services throughout Kenya. It operates under the regulatory framework outlined in the Energy Act of 2019. The Company has a customer base of over 9 million and a network span of over 300,000 kilometres.

The company's ability to strategically manage the national grid is an issue that is at the core of its ability to provide better services to its customers; to effectively manage power losses; and to optimize operational costs. The Company considers strategic application of technology to be critical to its overall mission and success. Therefore, the company wishes to undertake a business transformation initiative in phases, driven by its core values, to enhance its service delivery in a transformative way. In this regard, the company intends to prequalify competent service providers with requisite capacity and demonstrated track record to partner with in this journey, through this expression of interest (EOI).

II. OBJECTIVE OF THIS TENDER

The overall objective of this tender is to receive comprehensive expressions of interest from competent solution providers to partner with Kenya Power through provision of world-class solutions that will enable the company to transform its business operations by modernizing and transforming its IT and OT ecosystem. This tender also seeks to pre-qualify consultancy firms to provide capacity building consultancy services in Change Management and training on specific professional areas.

Scope

The EOI is divided into LOTS as outlined below. Eligible Service Providers may participate in one or more of the listed LOTS based on their expertise and experience.

Lot No.	Lot Name	Component Description
1	Grid Management Systems	The Supervisory Control & Data Acquisition (SCADA)
		Advanced Distribution Management Systems (ADMS)
		Distribution Management Systems (DMS)
		Outage Management Systems (OMS)
		Distributed Energy Resources Management System (DERMS)
		Field Force Automation
2	Customer Management & Billing	Commercial Sales, Revenue Management and Customer Experience
		Billing (Prepaid and Post Paid)

Lot No.	Lot Name	Component Description
2	Customer Management & Billing	Customer Relationship Management (CRM)
		Meter Data Management (MDM)
		Advanced Metering Infrastructure (AMI) System
		Energy Balance System (Generation, Transmission, Distribution (MV & Transformers) and Retail)
3	Enterprise Resource Planning (ERP)	Finance
		Human Resource
		Supply Chain Management
		Enterprise Asset Management (EAM)
		Enterprise Risk Management
4	Systems Integration	Fleet Tracking and Management System
		Enterprise Service Bus (OT/IT - EBS)
5	Business Intelligence & Analytics	Data Lake (OT/IT)
		Business Intelligence and Advanced Analytics
		Artificial intelligence and Machine Learning
		Electronic Document Management
6	Grid design and digitization	Network Planning and Analysis (Transmission and Distribution)
		Geographic Information System (GIS)
		GIS Adoption and Utility Digitalization
7	Technology Infrastructure	Data Centres
		Local Area Networks
		Wide Area Networks
		Cloud Services
		Telecommunications
8	Capacity Building Consultancy Services	IT Service Management (ITIL Framework)
		Enterprise Architecture (TOGAF)
		Project Management (PRINCE 2 Agile)
		DevOps
		Software Testing
		Business Process Management
		Organizational Change Management

III. INVITATION FOR EXPRESSION OF INTEREST

Kenya Power invites eligible bidders, both local and international, to express their interest in supplying and implementing an integrated world class IT & OT solutions and consultancy services as described in the Lots tabulated above. Local bidders should have international expertise or partner(s) while international bidders should ensure that there is local content in their bids.

IV. TERMS OF REFERENCE

Interested Bidders may obtain the Terms of Reference (TOR) of this assignment, which include the details of eligibility criteria, from the Kenya Power website on www.kplc.co.ke or the Public Procurement Information Portal (PIIP) from the commencement date on **Tuesday, 3rd June 2025**.

V. SUBMISSION DETAILS AND OPENING OF BIDS

Bidders are required to submit their completed Expression of Interest titled **'REQUEST FOR EXPRESSION OF INTEREST FOR PROPOSALS FOR IT & OT SOLUTIONS FOR A LARGE POWER UTILITY- REF NO: KP1/9A.2/EOI/002/ICT/24-25'** in electronic format on the Kenya Power E-procurement supplier portal in PDF format vide RfX 3000000450 on or before the **24th June 2025 at 10:00 A.M (East Africa time)**. Bidders may obtain further information on this tender at the address below during office hours, between 0900 to 1200 and 1400 to 1630 hours (East Africa time) or electronically through the indicated e-mail address. All queries shall be raised not later than 7 days before the deadline for submission

The Kenya Power and Lighting Company PLC
Central Office, Stima Plaza
Kolobot Road, Parklands
P.O. Box 30099-00100 Nairobi, Kenya.
Telephones: +254 -711-031000
Website: www.kplc.co.ke
E-mail: Procurement@kplc.co.ke

Prospective Bidders should register for E-Procurement to enable them to access the Kenya Power portal under **"New Supplier Registration"** found under the Tenders Tab at www.kplc.co.ke.

The submission of an EOI will not constitute a substantive bid, however Kenya Power will solely use the information to complete its shortlisting exercise and thereafter in the preparation of subsequent **Request for Proposal (RFP)** documents, which will be issued to pre-qualified Bidders.

Bids will be opened electronically promptly after closing time and Bidders or their representatives are welcome to witness the opening at the **Stima Plaza Auditorium**.

GENERAL MANAGER
SUPPLY CHAIN & LOGISTICS

Any canvassing or giving of false information will lead to automatic disqualification.