



**EITS**  
**Contractor**

**Expression of Interest (EOI) for Electrical & Instrumentation Scope of EITS Contractor for: 1107-EOI-GFS-UG-ELE-Supervising Installation, Hook-up and Commissioning Activities**

EITS Contractor undertaking the Electrical & Instrumentation Scope on the EACOP project, invites experienced and reputable firms to express their interest in the Provision of Technical Assistance Services (Technical Manpower: Engineers, Technicians; Tools & Testing Equipment) for Supervising Installation, Hook-up, Testing and Commissioning Works in the deployment of Modular Substation E-House Buildings (and related equipment) along the length of the EACOP Pipeline.

EACOP = East Africa Crude Oil Pipeline Project

EITS = Electrical, Instrumentation, Telecommunication and Security Systems

**Locations:** Services will be delivered along the pipeline corridor in Hoima & Sembabule districts in Uganda

**Scope of Technical Assistance Services (Technical Manpower):**

**A. Supervising Installation Works:**

- To ensure and confirm that the pre-assembled E-House and its associated modules, equipment (e.g HVAC, F&G), outdoor equipment are installed according to approved drawings and method of statement with all the safety and technical requirement.
- Carry-out Supervision of associated tasks as per method statement, including unloading, reception, for supplied ('lose') equipment.

**B. Hook-Up Works:**

- Re-assembly of all previously dismantled parts and elements (backed element) inside the E-House. These include F&G, HVAC, Low Voltage (LV) SWG, Medium Voltage (11KV, 33KV - MV) Cells, Panels et al for the E-Houses.
- Re-assembly of 66KV GIS inside the E-House Building including all associated tasks e.g Gas-Filling and all other requirements.
- Unfolding, repulling and reconnection of all cables which have been disconnected during transportation
- Cables and wiring connections between building modules including cabinets, panels and equipment
- Cable termination, labelling core marking and connection to electrical, instrument, control, telecom, and Security systems (including coax cables, communication network cables and interconnection inside EITS building)
- Medium Voltage Cables: Verification of all cable's physical integrity, routing (segregation, supporting, bending ratios), termination (with T-Connector type or normal type), labeling, cores marking and

connection of cables on both ends.

- First Filling of Oil dielectric for transformers (and shunt reactors – as applicable)
- C. Pre-Commissioning / SAT**
  - Testing activities for 66KV GIS SWG, MV SWG, LV SWG, UPS System, F&G system, HVAC, PA system ECS system and outdoor
  - Equipment such as Power Transformer (incl 80MVA Power Transformer), Distribution transformer, earthing transformer, Fixed/Variable Shunt Reactor: NER (Neutral Earth Resistance), Functional & Operational test; End to end test, Hi-Pot Test.
  - Testing LV and Data cables such as continuity test, insulating, loop check
  - Preparation of equipment power up including batteries install and checks
  - Application for Ready for Mechanical Completion Certificates
  - Partial SAT will be performed gradually and independently at each Above Ground Installation (AGI).
  - Overall EIT systems (SAT) shall be performed as pre-commissioning of each EITS progress

**D. Commissioning**

On Demand, as and when required as per the Pre-Commissioning schedule and as advised by Client.

**Testing Tools & Equipment:** All Testing Tools and Equipment must carry valid calibration certificates.

**MINIMUM REQUIREMENTS:**

- Certificate of Incorporation, URSB, URA (TIN, VAT,TCC) Registrations
- Proof of registration on the Petroleum Authority of Uganda's National Supplier Database (NSD).
- Compliance with the Petroleum National Content Regulations, 2016; for example, Ugandan Company definition.
- Provide a Company Profile, Audited financial statements for the past 3 financial years and a Letter from your Banker(s).
- At least 5 years of demonstrable experience and financial capacity in delivering such services.
- Evidence of a Quality Health, Safety, and Environment (QHSE) management system including OSHA
- Valid ISO certifications, e.g. ISO 9001, ISO 14001, ISO 45001 or equivalent (as applicable).
- Ensure submission of all relevant statutory permit/license copies to facilitate the requested scope of work e.g., Engineers Registration Board (ERB), Electricity Regulation Authority (ERA), e.t.c.

Interested Companies are to submit their EOI via email to [eacop.eits@se.com](mailto:eacop.eits@se.com) (not exceeding 20mbs). All documents must be submitted in English with the EOI reference: 1107-EOI-GFS-UG-ELE-Supervising Installation, Hook-up and Commissioning Activities as the subject on or before **04<sup>th</sup> Sept 2025, 5:00 pm**. East African Time (EAT)

**Note:** Only pre-qualified companies will receive an invitation to submit their bid in furtherance of the Call for Tender Process.