

# EXPRESSION OF INTEREST (EOI) FOR PROVISION OF GENERIC CHEMICALS AND ASSOCIATED SERVICES

## REFERENCE: 10198190

TotalEnergies EP Uganda (COMPANY) in its capacity as Operator of Contract Area 1 (CA - 1) and License Area 2N (LA - 2N) in conjunction with its Joint Venture Partner(s), invites experienced and reputable contractors to express their interest in providing Generic Chemicals for future oil production in respect of the Tilenga Project, Lake Albert Basin, Republic of Uganda.

### General Field Development Description:

The Tilenga oil and associated gas development is located in the Northern area of Lake Albert in Uganda and covers the fields in CA-1 block and the Northern part of LA-2 block (Tilenga Project).

### Generic Chemicals Supply for the Operational Phase

The Scope of Work covers the regular provision of the Generic Chemicals and/or Associated Services in support of COMPANY Operations.

### The scope is split in the following work packs:

#### Work pack 1 - Generic chemicals supply

- Procurement of the below Generic Chemicals

NO.	Category of Chemicals	Generic Product Name	Type/Composition	Estimated Annual Volumes* (m3/y)
1	Cleaning Products	Inhibited Hydrochloric Acid	Max 10% Hydrochloric Acid in water formulation	10
		Caustic soda	Max 50% concentration	4
		Soap, cleaning agent	Max 25% active material	6
		Membrane Reverse Osmosis acid cleaner	Surfactant base Citric acid base product max 40%	5
		Membrane Reverse Osmosis basic cleaner	Surfactant Formulated Soda based product max 40%	5
2	Biocide	Oxidizing Biocide	Sodium Hypochlorite solution max 15%	10
		Reverse Osmosis Membrane biocide	2,2-Dibromo-3-nitropropionamide (DBNPA) max 10%	5
3	Water Anti-foam	De-foamer for Lake water de-aeration tower	Aqueous silicone-based product 40% active compound	5
4	Oxygen Scavenger	Oxygen removal mainly for Lake water treatment	Sodium or ammonium bisulphite 40%	400
5	Naphthenate dispersant	pH controller	Acetic Acid 90%	10
6	Closed loop treatments	pH controller/corrosion inhibitor	Buffered pH adjuster formulation max 30% active compound	6
7	Filtration Improver	Polyelectrolyte	Anionic/cationic base product max 30% active compound	5

\*Volumes are only estimates which will be refined after start-up based on operational experience

### Work pack 2 - Logistics & Storage

- Clearance & transportation of these chemicals to the Contractor's premises in Uganda.
- Management of an adequate buffer storage (~ 1-3 months for local products and up to 6 months for the imported products) at Contractor's premises.
- Scheduled deliveries of conditioned chemicals to Tilenga Industrial Area (IA)
- Recovering contaminated empty tanks from Tilenga IA and/or transporting after decontamination the cleaned tanks back to chemicals suppliers for re-use.

### Work pack 3 – Blending, QA/QC

- Performing QA & QC checks of chemicals (density, viscosity & color) at Contractor's premises in Uganda.
- Blending & conditioning (ready to use) of these chemicals at the Contractor's premises in Uganda (Blending is not a mandatory requirement for the first years of the contract and feasibility of the blending in country is to be assessed)

### Work pack 4 – Waste Management

- Carrying out appropriate mandatory waste management during all chain of chemical delivery in compliance with the Regulatory requirements (In particular the tank cleaning/decontamination processes, IBC disposal and destruction, management of the hazardous wastes from tank cleaning / recycling initiatives / destruction of contaminated tanks)

**Companies can express interest in any or all the work packs. Within your submission clearly indicate your work pack(s) of interest.**

### The selected contractor will be able to demonstrate the following abilities:

- Experience in the transportation of dangerous/hazardous goods
- NEMA licenses/permits for the transportation of hazardous goods
- Certified & trained Operators & truck drivers (Logistics, Warehouse, Waste Management)
- Certified equipment for chemical management (lifting equipment, trucks, transfer pumps...)

- Capability to manage a storage area of chemicals in Uganda.
- Ability to conduct quality control on chemicals, in compliance with good laboratory practices.
- Financial capability to internationally procure, transport and store chemicals
- Capability to implement a digital solution (Chemical Management tool) to manage stock inventory & anticipate delivery
- Evidence of ISO Certifications in ISO 9001,14001 & 45001 or process of acquiring the certification.
- Possibility in operational/future capability to undertake product blending/conditioning in-country when required.

### In addition to the above-mentioned technical capacity, the minimum requirements to participate in the Request For Information Process are:

- Health, Safety, Security, Social, Environment and Quality (H3SEQ) Management system, and related procedures in compliance with local and international standards.
- Compliance to National and International laws and regulations.
- Standard Operating Procedure (SOP) for each task and suite field requirements. Focus on critical tasks e.g. chemical transfer operations
- Emergency response in case of chemicals spills and intervention team capabilities in Uganda and during the transfer of chemicals from the nearest sea port to the Ugandan border.
- Industrial Hygiene Chemical risk assessment.
- Demonstrated commitment to statutory National Content requirements for oil and gas operations as detailed in 2016 Upstream Petroleum Regulations.
- Current registration to or application to be registered to the National Supplier Database
- In line with COMPANY's objective to maximize National Content, upon fulfilling other requirements for the scope of work, preference shall be given to Ugandan company or as a minimum a company that has entered into a joint venture with a Ugandan company.
- In line with COMPANY's objective to maximize National Content, upon fulfilling other requirements for the scope of work, preference shall be given to Ugandan company or as a minimum a company that has entered into a joint venture with a Ugandan company.

Interested companies who meet the above minimum requirements should submit a request by email to: [EP.FOPS.PREQUALIFICATION-UGEP@totalenergies.com](mailto:EP.FOPS.PREQUALIFICATION-UGEP@totalenergies.com) for a pre-qualification questionnaire on or before **28<sup>th</sup> March 2023** Noon Kampala time (GMT+3), quoting 'Prequalification Questionnaire **Ref. No. 10198190 – GENERIC CHEMICALS SUPPLY & SERVICES.**

**Note:** Only pre-qualified companies will receive invitations to submit bids in furtherance of the Call for Tender process. The pre-qualification and later Call for Tender will be issued via COMPANY's official e-sourcing system SAP-ARIBA.