



**MINISTRY OF PETROLEUM AND MINING
STATE DEPARTMENT FOR PETROLEUM**

REQUEST FOR EXPRESSION OF INTEREST

INTERNATIONAL OPEN TENDER

The Ministry of Petroleum and Mining- State Department for Petroleum invites Expression of Interest from eligible firms/competent Controlled Source Electromagnetic (CSEM) to undertake the following:-

Tender No	Tender Name	Closing/Opening Date	Remarks
MOPM/SDP/EOI/01/2019-2020	Request for Expression of Interest (EOI) for pre-licensing round 3D CSEM data acquisition processing inversion and integration with 3D seismic in the shallow water of the Lamu Basin	27 th September, 2019 at 10.30 a.m. East African Time	International Open Tender

1. OBJECTIVE

The objective of the assignment is to acquire 3D competent Controlled Source Electro-magnetic (CSEM) and Magneto Telluric (MT) data over the shallow offshore area of the Lamu basin.

The scope of the assignment will include but not limited to:-

- Acquire 3D Controlled Source Electromagnetic (CSEM) data using state-of-the art technologies over the shallow offshore area of Kenya which may have an aerial coverage of 32,000 sq. km.
- Acquire wide azimuth, long offset 3D Controlled Source Electromagnetic (CSEM) & MagnetoTelluric (MT) data in shallower waters (10-200m) with a minimum source strength of at least 4,000 Amps.
- Process & Invert the acquired 3D CSEM data using best industry practice, including, but not limited to 3D Gauss Newton inversion & 3D Tilted Transverse Isotropy (TTI) inversion to create data packages for licensing before and after the planned bid round.
- Supporting the Ministry of Petroleum and Mining, State Department for Petroleum in planning and organizing a licensing round tentatively scheduled for the year 2021.

- Integrated Interpretation of newly acquired 3D Controlled Source Electromagnetic (CSEM) using any available well and seismic data (legacy data or new data to be acquired in preparation for the 2021 Licensing Round).
- Capacity development of the relevant State Department for Petroleum personnel and selected staff of National Oil in the acquisition, processing and interpretation of the 3D CSEM data including Value of Information (VOI) assessments.

2. **ELIGIBLE FIRMS**

Eligible and interested contractors/firms are requested to submit their expression of interest by providing information that includes and not limited to the following:

- Copy of Certificate of Incorporation/Registration of Company.
- Brief description of the Firm(s) profile(s) indicating suitability to carry out this specific assignment, technical capabilities and available resources.
- List of assignments of a similar nature successfully completed indicating country, client and year.
- Description of the methodology and technology solutions to be applied in the different phases of the project that include, data acquisition, data acquisition, data processing, data integration and interpretation, data marketing and assisting the State Department of Petroleum in promotion and launch of a petroleum exploration bid round.
- A description of how it will support the incorporation of CSEM data into the National Petroleum Data Centre system for utilization in data marketing and visualization for purposes of the exploration promotion bid round.
- Training of Kenyan personnel through hands-on engagement in the different stages of the project including CSEM feasibility modeling, prospect evaluation, value of Information (VOI) assessments & economic modelling to determine the relative value of the open acreage, as an integral part of technology transfer and capacity building.

Expression of Interest document may be downloaded from Ministry of Petroleum and Mining website: www.petroleumandmining.go.ke or <http://www.tenders.go.ke> for free.

Complete Expression of interest documents are to be enclosed in plain sealed envelopes clearly marked with tender Name, Reference Number and addressed to:

Principal Secretary

**Ministry of Petroleum and Mining
State Department for Petroleum
P.O. Box 51614-00100
NAIROBI**

Tel+254-20-3310112 Email: ps@petroleum.go.ke

The Expression of Interest documents shall be deposited in the Tender Box marked MOPM-SDP located at Ministry of Petroleum and Mining, State Department for Petroleum, Nyayo House Building, 24th floor or emailed to ps@petroleum.go.ke.

So as to be received on or before 27th September, 2019 at 10.30 a. m East African time. Expression of Interest will be opened immediately thereafter at the **Ministry of Petroleum and Mining, State Department for Petroleum, Nyayo House Building, 24th floor, court room** in the presence of candidates or their representatives who choose to attend.

Large documents that cannot fit in the tender box shall be received and registered at Supply Chain Management Services office at Nyayo House, 24th floor Room 24-19

**Head Supply Chain Management Services
For: Principal Secretary
STATE DEPARTMENT FOR PETROLEUM**

