

**TOTAL E&P** has contracted **Geo2X S.A.**, Switzerland to conduct Geophysical Investigations for the Well Pads and Flowlines in Bulisa region. The specific methods that shall be applied will be as follows:

- A. High resolution seismic reflection**
- B. Shallow Seismic refraction & Multi-channel Analysis of Surface Waves (MASW)**
- C. Electrical Resistivity Tomography (ERT)**
- D. Shallow Ground ElectroMagnetics**
- E. Geological mapping and Fault Characterization**

We are looking for applicants who have experience of working on High Resolution Near Surface Geophysical Investigation projects and with in-depth knowledge of TOTAL E&P (or Similar) stringent HSEC management processes along with specific knowledge of working with the above methods.

**Further to the above, our requirements regarding personnel will be as follows:**

**1. Geophysicists - 5 years experience**

- 1.1. Experienced in shallow geophysical acquisition and data processing. Candidates must be familiar with Geode (geometrix seismic recorder), EIVIS VII Land Surface vibrator, Weightdrop PowerDrive 1+, Syscal IRIS 96 Channels Resistivimeter, DualEM 421.
- 1.2. Inspect geophysical equipment to ensure conformance with the specifications and to detect defects or malfunctions.
- 1.3. Monitor progress of geophysical operations.

**2. Seismic QC - 5 years experience**

- 2.1. Experienced with high resolution seismic data QC. Familiar with Promax seismic QC software.

**3. Project Manager/Party Chief - 6 years experience**

- 3.1. Manage and handling of all the technical aspects of the Project including dealing with the sub-contractors.
- 3.2 Responsible for all the on-site operations of the project
- 3.3 Ensure that all milestones are reached
- 3.4. Minimum qualification of an Engineering Geologist degree
- 3.5. In-depth knowledge of TOTAL E&P (or Similar) stringent HSEC management processes along with specific knowledge of working with the above methods.

**4. Geologist — 5 years experience**

- 4.1 Experienced in Geological Mapping and fault characterization for Geohazard studies.
- 4.2 Experienced in review of existing data and Desk Top studies (i.e. topography, geological maps, LIDAR, etc.);
- 4.3 Experienced in geological characterization and fault detection from seismic data

**5. GIS Expert - 5 years experience**

- 5.1 Familiar with ArcGis 10.1.
- 5.2 Experienced in graphic representation of geophysical data, advanced python knowledge/experience
- 5.3 Familiar with Total EP minimum standards applicable to Geographic Information System (GIS) data delivery for engineering site survey and studies.

**6. HSE – 5 years experience**

- 6.1 Experienced in HSE management and procedures of Shallow Geophysics Investigation Projects.
- 6.2 Familiar with TOTAL E&P (or Similar) stringent HSEC management processes along with specific knowledge of working with the above methods.
- 6.3 Experienced in working in remote areas with presence of wildlife.