

**February 25, 2014**

## **Principal Geoscientist (Electromagnetics)**

KMS Technologies is expanding its operations from advanced R&D projects to integrated prototype system development, 3D modeling and inversion, high end integrated interpretation and special field demonstration projects. For a variety of new project we are looking for:

**Job Title:** Principal Geoscientist with emphasis on electromagnetics

### **Job Purpose:**

Initiate and start new development projects and hand over to a project leader. Supervise the technical development and business performance such that the organization growth. Mentor the technical staff in the organization according to their skill set and job assignment.

### **Job Description:**

The Principal Geoscientist will be responsible for the technical performance of the company; this is achieved by supervising new projects until they can be handed over to a project leader;

Specific project cover the area of marine, land and borehole electromagnetics integrated with seismics. In that this covers the entire technology spectrum from patents to final application.

The successful candidate will have direct customer interaction and will be in many cases the interface to clients and funding organizations.

In addition to that he/she should be actively mentoring the senior technical staff and contribute to the business plan of the organization as well as the management in achieving it.

Professional society interaction and participation in the consortia the company support are a must to maintain relevance of the company agenda.

Growth potential: The successful candidate is expected to grow laterally of vertical. He/she will be part of the internal pool filling the future positions of department leader.

### **Responsibilities:**

- Manage projects and department Acquisition and processing of geophysical data and 1D/3D modeling, inversion and integrated interpretation partially as training and partially for project work.
- Support of technology and engineering system bilding

- Participate in development of data processing techniques and inversion routines;
- Programming skill in Fortran, MatLab and Comsol Multiphysics and a plus.
- Support intercompany technical communication.

**Experience requirement:**

Strong background in sciences, with emphasis on math, physics, geophysics and geology;  
Experience in electromagnetics and project development is essential;  
The ability to plan and carry out geophysical projects, data acquisition and field surveys;

**Skills:**

- Project management and structured planning;
- Team leader and interpersonal, communications skills;
- Ph.D. in geophysics with at least 5 years experience in electromagnetics;
- Experience with field work and training teams/customers
- To supervise software development teams, programming skill in Fortran, MatLab and Comsol Multiphysics.

**Compensation:**

Financial consideration will be in line with industry standard and applicants career. The successful candidate will have access to all company benefits plus an attractive stock option plan.