

## DETAILS OF EXPRESSION OF INTEREST

- i) EOI No. : OIL/CCO/EOI/DRLG/02/2010  
ii) Sub : HIRING OF SERVICES FOR REAL TIME  
DATA MONITORING AND DRILLING  
OPTIMIZATION IN ASSAM(INDIA)  
iii) Closing Date and Time: 11-MAY-2010(12.45 HRS(IST))  
iv) Place of Submission of EOI : HEAD (CONTRACTS)  
OIL INDIA LIMITED,  
DULIAJAN - 786602,  
ASSAM, INDIA

### PREAMBLE:

OIL INDIA LIMITED (OIL), a premier National Oil Company of India is engaged in the business of Exploration, Production & Transportation of Crude Oil & Natural Gas and production of LPG in India with participating interest in E&P sector in various overseas projects. Majority of OIL's exploration & production activities in India are carried out in the North East part of India. A total of 10(ten) land drilling Rigs of 1400-2000 HP capacity owned by OIL are presently engaged in oil and gas exploration activities in the North East part of India, mostly in and around Duliajan, OIL's field head quarter in Assam. The drilling locations are scattered in about 50-200 Km radius from Duliajan and logistically difficult area.

### TECHNICAL DETAILS:

OIL intends to hire services of 24 x 7 Real Time Data Monitoring and Drilling Optimization through a service provider utilising vendor application software to be loaded on OIL's workstation at Drilling Department Control Room at Duliajan Assam(India). Real Time Data from the OIL's rigs will be captured through remote sensing device and should be displayed at control room. The 24 x 7 Real Time Monitoring and Drilling Optimization will be carried out utilizing the Data that would comprise but not be limited to the following:

- Drilling surface parameters, such as ROP, WOB, Torque, Hook Load, Stand Pipe Pressure, Block Position, Block Velocity, SPM, Rotary RPM, Mud Flow In & Out and any other data available through the mud logging or AIS sensors and MWD sensors.
- Down hole drill string Shock, Vibration, Torque, RPM and any other data available.
- Down hole Temperature and Pressure.
- Surface Flow Rate and any other data available.
- Hydraulics data.
- Mud Log data such as mud density, mud temperature, and conductivity in/out, salinity in/out data, gas percentage, active and reserve pit volumes, Trip Tank Volume, Gas Chromatograph data, sample depth and any other data available.
- Break Out and Tensile Failure - images real time, cuttings type real time or any other input.

**Contd. 2**

- Connection flow monitoring.
- Real Time LOT data.
- Real Time prediction of Pore Pressure (Pp) and Fracture Pressure Gradients

Above data are to be captured/ monitored/ analyzed for drilling optimization.

**DOCUMENTS REQUIRED** : Interested parties willing to be associated with the project should furnish the following documents along with their expression of interest:

- ✦ Company Profile, address, concerned person and his/her contact details, organizational set up with details of professional technical and financial capabilities.
- ✦ Services rendered till date with list of clients indicating contract number, successful completion document.
- ✦ Audited financial balance sheet & profit & loss account for last three years.

**BIDDERS' CONFERENCE** : A bidders' conference shall be held at Kolkata/New Delhi with the parties who submit their expression of interest against this EOI. A detailed technical discussion on the proposed service shall be held in the bidders' conference wherein the technical specifications, scope of work and other terms and conditions relating to the service shall be discussed. Parties should depute technical experts in relevant field for a fruitful discussion. The exact venue and the date and time for the bidders' conference shall be communicated to the parties at a later date.

Interested parties having requisite expertise, technical know-how and experience should submit their Expression of Interest along with their credentials and other relevant supporting documents mentioned above in two copies in a sealed envelope. The sealed envelope should be superscribed with the EOI No. and Closing Date and Time on top left hand corner and should be submitted to Head-Contracts at the following address latest **by 12.45 PM on 11<sup>th</sup> May, 2010:**

**HEAD (CONTRACTS)  
OIL INDIA LIMITED,  
DULIAJAN – 786602,  
ASSAM, INDIA**  
Email: [contracts@oilindia.in](mailto:contracts@oilindia.in)  
Fax: 91-374-2803549  
Tel : 91-374-2800548

For any queries / clarifications, parties may contact Head(Contracts) at the above address.

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