

## DETAILS OF EXPRESSION OF INTEREST

- i) EOI No. : OIL/CCO/EOI/DRLG/01/2010  
ii) Sub : HIRING OF SERVICES OF COILED TUBING  
DRILLING RIG FOR EXPLORATION IN  
RAJASTHAN(INDIA) PROJECT  
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. Besides North East India, extensive exploration & production activities have been going on in the State of Rajasthan. The Project office for Rajasthan operation is located at Jodhpur.

OIL is producing approximately 239 MMSCUM of Natural Gas per year in different fields under Rajasthan Project. OIL has also discovered heavy oil in the Baghewala field in Rajasthan. Presently, exploration activities have been going on in Rajasthan with one 1000 HP self propelled mobile drilling rig.

OIL has a commitment to drill about 30 wells in depth range of about 1700 M to 2300 M in its Rajasthan field. The area of operation falls within the district of Jaisalmer and Bikaner. The area is a part of the Great Thar Desert and is sandy, dry and scorched. The terrain around, within a radius of about 60 kms is stony and rocky. The area is barren, undulating with its famous sand dunes and slopes towards the Indus valley and the Runn of Kutch. There is no perennial river in the district. The underground water level is very low.

### CLIMATE:

The proposed Coiled Tubing Drilling Rig is planned to be deployed in the desert in Rajasthan in extreme weather condition where temperature ranges from 50 Celsius to -5 Celsius. The region has a very dry climate with very hot summer; a cold winter and sparse rains. The average rainfall in the area is only 16.4 cms. as against the state average of 57.51 cms. Water for operation of the Drilling Rig shall have to be arranged by contractor from a distance of 20 KM from drilling site either from canal or deep water well.

### COMMUNICATION:

The area of operation shall spread over Jaisalmer and Bikaner in the State of Rajasthan. The district Head Quarters of Jaisalmer & Bikaner are around 270km & 290km from OIL's Project office at Jodhpur. The district Head Quarters are well connected by road and rail links. The nearest airport is at Jodhpur which has connectivity with Delhi & Mumbai.

**Contd. 2**

**TECHNICAL DETAILS:**

OIL intends to engage one Coiled Tubing Drilling Rig on hiring basis for exploration in Rajasthan Project for faster and cost effective well completion. The wells are expected to be near hydrostatic. However, possibility of loss circulation in the upper carbonate section can not be ruled out. Expected formation dip and temperature gradient are 2° to 3° and 0.021C/M respectively.

Some of the essential geological data and other information relating to the drilling operation are give below :

i) Tentative stratigraphic succession and lithology are given below:

<b><u>FORMATION</u></b>	<b><u>LITHOLOGY</u></b>	<b><u>DEPTH</u></b>
Alluvium/Jogira	Loose Sand	Surface
Marh	Sand	150
Palana	Sand/Lignite	450
Bhadanra	Sand	550
Bap	Conglomerate	800
Upper Carbonate	Limestone/Dolomite	1000

<b><u>FORMATION</u></b>	<b><u>LITHOLOGY</u></b>	<b><u>DEPTH</u></b>
Nagaur	Sand	1400
HEG	Halite/Salt	1800
Bilara	Dolomite/salt	1850
Jodhpur	Sand	1900
Basement	Nakabu Vikec\anie	2000

ii) ROP and type of bit used as per OIL's bit policy are as follows:

<b><u>DEPT</u></b>	<b><u>R.O.P.</u></b>	<b><u>BIT TYPE</u></b>
0 – 500 m	10M/hr.	IADC 1-1-1
500-800 M	04M/hr.	IADC 5-3-7 & 1-2-6
800-1400 M	1-2M/hr.	IADC 5-3-7 & 1-3-7
1400 – Basement	1-1.5M/hr.	IADC 5-3-7, 4-3-7

iii) OIL's tentative casing policy is as under :

<b><u>HOLE SIZE</u></b>	<b><u>CASING SIZE</u></b>	<b><u>DRILL/CASING DEPTH</u></b>
17½"	13.3/8"	150 M/150M
12¼"	9.5/8"	750 M/900M
8½"	5½"/7"	1300 M/2200M

Parties are requested to look into possibility of engaging Coil Tubing Drilling Rig under such condition and to prepare techno commercial proposal for discussion with OIL's technocrats.

**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.

Party(ies) should have the capability to provide requisite professional crews for managing day-to-day operations and maintenance of the rig package.

**BIDDERS' CONFERENCE** : A bidders' conference shall be held at Jodhpur 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 bidders' conference shall be held Jodhpur(Rajasthan) at a convenient date which 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.

**&&&&&**