

## **GLOBAL EXPRESSION OF INTEREST**

### **FOR HIRING OF CONSULTANCY SERVICES TO DRILL ONE VERTICAL PILOT WELL FOR EXPERIMENTAL PRODUCTION OF HEAVY OIL**

Oil India Limited (OIL), a premier National Oil Company under the Ministry of Petroleum and Natural gas, Govt. of India having its Project Office at Jodhpur, Rajasthan (India) invites Expression of Interest from internationally reputed firms for the following consultancy services, required for drilling one vertical well of around 1200 mtr. depth in its Baghewala field in western Rajasthan (around 300 KM away from Jodhpur) for experimental production of **heavy oil** (14 to 17 API) from Jodhpur Bilara sandstone reservoir by Cyclic Steam Simulation (CSS). The expected steam temperature will be around 354 degree Celsius, pressure around 176 Kg/Cm<sup>2</sup> and quality of steam is 80%.

The interested parties are required to provide the following services by engaging requisite experts:

- (i) Design of a vertical well with suitable casing for CSS
- (ii) Design of drilling Fluid
- (iii) Design of Cement Formulation
- (iv) Design of casing pre-stressing
- (v) Well completion design
- (vi) Scheme of cyclic steam injection based on the simulation
- (vii) Supervision of Production Testing during self flow and artificial lift regimes
- (viii) Supervision at site for management of safety during CSS & Production phase.

All experts to be engaged for the jobs must have minimum of three years experience in their respective fields and must be able to communicate clearly in English. Steam injection experts must have requisite knowledge of sandstone reservoir. The relevant experts must be deployed at site during the entire period of job execution, starting from Drilling of the well till experimental Production phase.

G & G study of the Baghewala field has already been carried out and heavy oil reserve in Jodhpur Bilara sandstone reservoir has been estimated to be around 25 MMT. Five exploratory wells have been drilled in the above field and lithology, electrical logs and heavy oil characteristics data are available. Steam generators (400 T/day) and the Surface set-up for steam injection are also in place for the proposed well.

The interested parties must submit their expression of interest together with all supporting documents regarding experience and specialization of each individual expert, at the following address latest by 15:00 hrs. IST on **11<sup>th</sup> November, 2008**. OIL will evaluate the EOI received and shortlist the parties for a detailed discussion at Jodhpur prior to issuing the formal tender document.

Expression of Interest must be submitted to “CHIEF MANAGER (M & C), OIL INDIA LIMITED, 12-OLD RESIDENCY ROAD, JODHPUR – 342011, RAJASTHAN, INDIA, FAX NO. : 0291 – 2431689, E-MAIL: [mat\\_rp@oilindia.in](mailto:mat_rp@oilindia.in)”

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