

REQUEEST FOR EXPRESSION OF INTEREST (REOI)

EOI NO. PL/ CONT/CoEES/EOI/F-813/979 OF 05-08-2014

Oil India Limited, a Government of India Enterprises invites Global Expression of Interest (EOI) from experience party to hire services for **Engagement of a Domain Expert (s) for preparation of Roadmap for Improved Oil Recovery / Enhanced Oil Recovery (IOR/EOR) Projects under CoEES Office, Guwahati.** Details of scope of work, experience and qualification criteria and other requirements of the EOI are displayed on the Notice Board of the Contract Section, PHQ at Narangi, Guwahati, Assam and is also available at OIL web site www.oil-india.com .

Interested Party may submit their EOI with their credential and supporting documents as detailed above to the Office of the Chief Manager (Contracts), Oil India Limited, PHQ, Narangi, PO: Udyanvihar, Guwahati – 781 171 indicating the EOI No. on the cover sealed envelope latest by 13.30 Hrs. IST on **09-09-2014.**

All future corrigendum / amendments and clarification to the EOI, if any, shall be hosted on above web site only and not in the news paper. Parties are therefore advise to keep themselves updated with all such amendments.

GLOBAL EXPRESSION OF INTEREST

Engagement of a Domain Expert (s) for preparation of Roadmap for Improved Oil Recovery / Enhanced Oil Recovery (IOR/EOR) Projects in Oil India Limited

Preamble:

Oil India Limited (OIL) is a National Oil Company engaged in the business of Exploration, Production and Transportation of Crude Oil and Natural Gas and Production of LPG. OIL is a Navaratna Company and is the second largest NOC in India as measured by total proved plus probable oil and natural gas reserves and production. OIL has a Pan-India presence with exploration acreages spread over various sedimentary basins of India. The producing assets are mainly located in the northeastern India in the Assam-Arakan basin. Over the last decade OIL has spread its wings overseas and has acquired stakes in various countries.

OIL's Thrust on IOR/EOR:

The producing reservoirs in OIL's operational areas in Assam are operating with active edge or bottom water drive. The main producing intervals occur in the Eocene and Oligocene formations. Some of the Oligocene reservoirs are on production since the early 1960s, and the Eocene reservoirs have been producing since the early 1990s. The recoveries have reached 25-35% of OOIP with most of the reservoir on water injection or water flooding. Infill drilling, horizontal drilling, etc. are some of the methods that have been tried for achieving higher drainage. Polymer flooding on pilot scale has been implemented in one of the reservoirs. Steam, solvent/ miscible fluid and chemical injection have been tried on experimental scale for improving recoveries. Experimental studies and consultancy/ simulation projects / JIP for EOR have been taken up for implementing EOR projects in the near future.

OIL's Strategic Objectives:

OIL would like to be “*The fastest growing Energy company with global presence, providing value to stakeholders*”. The key focus areas for growth of the Company include:

- Maintain and Enhance reserves and production from North eastern assets
- Attain a leadership position in IOR/EOR

In order to realize the vision of becoming a leading player in the IOR/EOR, Oil India Limited has established a Center of Excellence for Energy Studies (CoEES) at Guwahati, Assam. The mission is to develop this center into a world class facility for IOR/EOR in the coming five (5) years. Till date, the laboratory studies and field implemented of IOR/EOR projects have been implemented by the R&D department of OIL at Field Headquarters, Duliajan, Assam which is equipped with facilities for chemical EOR studies (such as IFT determination apparatus) and numerical reservoir simulation, respectively. Reservoir Engineering group at Duliajan manages the recovery optimization studies. Further, the Chemical Department has reservoir physics section and core analysis capabilities.

In order to achieve this vision / objective, OIL wishes to engage a competent domain expert (s), hereinafter referred to as party.

Engagement of domain expert (s) / party:

The domain expert / party could be an individual, a group of individuals, or a partnership or otherwise with impeccable credentials and a proven track record of performance in the relevant field. Consortium of experts is also allowed to participate, provided it has not more than two companies or firms and that the joint venture between the companies is pre-existent on the day of announcement of this EOI. At least one of the consortium members must have registered office in India for at least three continuous years before the date of announcement of this EOI.

It is expected that the party will have the required educational qualifications and professional experience in IOR/EOR. It is also expected that the party would have expertise and skills in the area of reservoir engineering and recovery optimization, design, implementation and monitoring of enhanced oil recovery projects; etc. The expertise of individuals/ institutions must be verifiable or demonstrated in the form of experience as Project Leader/ Principal Investigator/ Lead Consultant and implementation of projects of varying complexities in sandstone reservoirs located in India or abroad. Experience of EOR projects in northeastern part of India will be an added advantage. Proven track record of engineering and research work in the form of publications, patents, awards and recognition, setting up of laboratories and research centers, facilities design for EOR, specification/ selection of laboratory or field equipment, training and development of S&T personnel engaged in EOR projects, etc. will be given due consideration.

Interested parties must provide information indicating that they are qualified to perform the above services.

Role and responsibilities of the domain expert (s):

The selected party shall visit the Field Headquarters in Duliajan and the CoEES, Guwahati for collecting and scrutinizing data of EOR candidate reservoirs. The party will inspect the laboratory facilities and field installations, and also assess the knowledge and skill gaps prevailing in OIL. After completing such assessment, the party will develop a roadmap indicating the augmentation in facilities and knowledge/ skills that will be needed for successful implementation of EOR schemes. The roadmap will be presented to OIL management and after endorsement of the same, the party will help in implementation of the roadmap through periodic interactions.

Deliverables :

The party engaged for the study will provide detailed suggestions / recommendations in respect of the following:

1. Development of infrastructural facilities relevant to IOR/EOR studies
2. Requirement of skilled human resources to meet the center's objectives and mission
3. Blueprint for training of human resources and development of in-house capabilities in IOR/EOR
4. Identification of reputed Universities / Institutes in India or overseas with whom OIL can initiate long term collaboration in IOR/EOR
5. Laboratory studies and field trials required for IOR/EOR projects
6. Recommendations for the most suitable IOR/EOR schemes to be adopted in OIL

Time frame for the study:

A time frame of 5-6 months subsequent to the issue of Letter of Award is envisaged for completion of the assignment.

Interested party shall submit their Expression of Interest (EOI) along with the requested details **up to 1.30 P.M. Hrs (IST) on 09-09-2014** via courier / registered post in a sealed envelope super scribing the EOI Reference No..... & Applicant's Name / Address on the envelope to:

**Chief Manager– Contracts
Contracts Department
Oil India Limited Pipeline HQ
P.O. Udayan Vihar, Guwahati 781 171
Assam
Tel: 0361-2594174
Fax: 0361- 2643686
E-mail : amrit_khatoniar@oilindia.in**

Sealed envelope containing Expression of Interest (EOI) may be physically dropped in the Tender Box, placed at the office of Chief Manager -(Contracts) up to 1.30 P.M. on 09-09-2014.

However, OIL will not be responsible for the delay in receipt (i.e., beyond 1.30 P.M. on 09-09-2014) non-receipt of the same.

EOI received up to 1.30 P.M. on 09-09-2014 will be opened on the same day at 2:00 P.M. at the office of the Chief Manager (Contracts) in the presence of any attending bidders.

However, if the above mentioned closing / opening day of the EOI happens to be non-working day due to Bandh/Strike or any other reason, the EOI will be received and opened on the following working day at the same time except on Saturday.

OIL reserves the right to (a) accept or reject any / all EOIs submitted by parties and (b) cancel the process at any time without any liability and assigning any reason thereof.

For any further clarifications, you may contact GM(CoEES) at **e-mail svraju@oilindia.in**.