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**ADVERTISEMENT**

**EXPRESSION OF INTEREST (EOI) NO. EOI/O/345/2018-2019**

Oil India Limited, a Government of India “NAVARATNA” Category Enterprise, engaged in the business of Exploration, Production & Transportation of Crude Oil and Natural Gas and Production of LPG invites Expression of Interest (EOI) from International service provider(s) against **EOI No.: EOI/O/345/2018-2019** for ‘**Integration of E&P databank system with SAP-ERP and GRPC**’. Interested Parties having relevant experience and expertise (details are available at OIL’s website- [www.oil-india.com](http://www.oil-india.com)) are invited to submit their EOI(s) at our e-mail id: [eoicontracts@oilindia.in](mailto:eoicontracts@oilindia.in) within the stipulated date as indicated in the detailed EOI, followed by hard copies of the same through courier/post. The offer(s) may also be uploaded in Parties’ FTP server/File sharing website (portal) and the link(s) may be provided to us at our e-mail within above specified period. All Corrigenda, addenda, amendments, time extensions to the EOI will be hosted on the website and no separate notification shall be issued in the press. Prospective participants against the EOIs are requested to visit the website regularly to keep themselves updated.

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**SUB: EXPRESSION OF INTEREST (EOI) NO. EOI/O/345/2018-2019 FOR INTEGRATION OF E&P DATABANK SYSTEM WITH SAP-ERP AND GRPC'.**

**1.0 PREAMBLE:**

Oil India Limited has implemented a complete suite of applications from M/s Halliburton, in 2005 to cater to the storage and processing of E&P data in the organization. Subsequently, ERP system from SAP was also implemented in OIL to manage and process the business data of the organization. It is important to note that a few of the ERP modules are also used to manage the E&P data of the organization. Moreover, another standalone application called GRPC which was developed in-house, is also being used to store, process and manage the geological and production data. Thus, a number of heterogeneous systems are being used to store and process E&P technical data across various departments.

The E&P data are being primarily stored and processed in the following systems.

- E&P databank system – Landmark suite of applications
- GRPC
- ERP system – SAP

**2.0 Problem statement**

Due to the use of different application solutions in the organization, there is not only a gap between the technical data but also lack of a common database from where consolidated reports can be generated for well/location data.

Moreover, there is also a requirement of an integrated query based system for the E&P data. The solution should have all the data collected from the above mentioned systems and should have the feature of generating reports based on dynamic queries.

Also, the integration of the E&P databank system, GRPC and ERP system- SAP into a consolidated solution is required. The data present in each of the applications should be available to the other two applications. For example, if data is entered through one of the applications, the same should be reflected in other applications too. There are multiple entry points for the same data in all the existing systems which is creating data duplicity in all the above mentioned existing systems. There should be a single data entry from where data should flow to the respective databases of the different applications.

### 3.0 Scope of work:

A complete study of the E&P databank system, GRPC, ERP system - SAP in OIL should be done, in consultation with domain personnel of OIL to freeze the OIL's requirement. After the OIL's requirements are frozen and complete understanding of the solution is done by the vendor, the actual development process of the integrated solution may be done at OIL's location, vendor's site or any other suitable location.

If any Software/hardware/application/tool is required for the development/integration of the solution, the same should be provided by the vendor.

#### ➤ **Broad requirement:**

- In order to achieve the OIL's requirement, if new entry forms are required to be created then the same should be done. The design, entry fields, layout of the entry forms should be approved by OIL.
- All the above mentioned systems have data that may not be complete. Proper provisions or single entry form should be made to fill in the missing data so that the database is complete and correct. In order to find the missing or incomplete data, a thorough study of the existing databases along with the data should be done in consultation with OIL's representatives.
- A dynamic, user friendly, query based and web supported report generation system should be developed. The system should enable users to dynamically change the constraints or query criteria to generate different reports on the fly. The reports should be able to be downloaded/displayed in various forms like pdf, excel, word, csv etc. The provision of summarized graphical reports for higher management should also be there. Features of a dashboard may also be thought of.

#### ➤ **Brief details of the existing systems:**

- **GRPC:**

Purpose of its use	Stores and process G&G and Production data
Data it contains	G&G data, Production data
Technology used	MS Access
Database	MS Access

▪ **E&P databank**

Purpose of its use	Repository for Exploration and Production data of the organization and for reporting.
Data it contains	G&G data, Drilling data, Production data
Modules	PE, MDS, EDT, EDM
OEM	M/s Halliburton
Database	Oracle

▪ **ERP – SAP**

Purpose of its use	Stores and processes business data
Data it contains	Daily drilling data, Production data
Type of modules	PS
Database	Oracle

**4.0 Pre-qualifying criteria:**

The vendor, who intends to participate against this EOI, must fulfil the following:

- i The vendor must have experience of successfully completing at least 01 (One) Integration of applications/development of applications for the upstream E&P organizations” within last 07 (Seven) years, reckoned from the closing date of this EOI. Copies of completion certificates from the customer must be submitted along with the offer.
- ii. The vendor must have a clear understanding and working experience on the ERP-SAP architecture, Halliburton’s Range of application for the upstream E&P data, Oracle, MS excess etc. and the necessary documentary evidences towards the same must be submitted along with the offer.

Further to above, the vendors have to take note of the following:

- A pre-tender meeting will be held at Duliajan amongst the participating vendors.
- The duration of the meeting will be for 02 days. In the beginning, OIL’s personnel will deliver a detailed presentation to all the participants. For any clarification, the vendors may discuss with OIL’s domain personnel on one-to-one basis. The vendor should give their proposed solution to OIL meeting all the requirements of OIL.
- The exact venue, time and date will be notified nearer the time.

- The Tender may only be restricted to the vendors who participate against the EOI and attend the pre-tender meeting.

## **5.0 SUBMISSION OF EOI:**

Interested vendors having relevant experience and expertise as above are invited to submit their EOI(s) at e-mail id: [eoicontracts@oilindia.in](mailto:eoicontracts@oilindia.in) within **23.10.2018 upto 15:00 Hrs (IST)**, followed by hard copies of the same in sealed envelopes super-scribing **“Global EOI No. OIL/IT/GLOBAL/EOI/O/345/2018-19 for ‘Integration of E&P databank system with SAP-ERP and GRPC”** through courier/post to the following address:

**CHIEF GENERAL MANAGER (CONTRACTS)**  
**OIL INDIA LIMITED**  
**CONTRACTS DEPARTMENT**  
**DULIAJAN-786602, ASSAM, INDIA.**  
Phone: 91-374-2808664,  
Website: [www.oil-india.com](http://www.oil-india.com)

Vendors may also upload their offer in their FTP server/File sharing website (portal) and the link(s) may be provided to us at our e-mail within the above specified period.

- 5.1 In case, the above mentioned date happens to be a non-working day for OIL in Duliajan due to Bandh/holiday or for any other reasons, EOIs shall be received upto the next full working day till 15:00 Hrs. (IST) and opened accordingly. EOI may be sent by post/courier service or delivered personally at the tender box placed in the above office. However, OIL shall not be responsible for any consequence arising out of delay in receipt or non-receipt of EOIs.
- 5.2 OIL reserves the right for the following:
- (a) To accept or reject any/all EOIs submitted by parties; and
  - (b) To cancel the process at any time without any liability and assigning any reason thereof to the applicants.

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