

OIL INDIA LIMITED  
 (A Govt. of India Enterprise)  
 Udyan Vihar, Narengi, Guwahati, Assam  
 Fax-91 0361 2643686  
 Email-oilmatpl@oilindia.in

**ANNEXURE-I****Tender No. : GFD2801L14/3P****Tender Date : 07.03.2014**

Item No./ Mat. Code	Material Description	Quantity	UOM
<b>10</b> 0C000525	<p>Reservoir Engineering Database &amp; Analysis software:</p> <p>Reservoir Engineering Database &amp; Analysis software is a well and reservoir analysis software that offers advanced production surveillance views and powerful production forecasting tools to manage and improve oil and gas field performance throughout the entire life cycle. It allows one to view, relate, and analyze reservoir and production data with comprehensive workflow tools, such as interactive base maps with production trends, bubble plots, diagnostic plots, decline curve analysis, and type curve analysis.</p> <p>Reservoir Engineering Database &amp; Analysis software allows one to connect to ones' data quickly, wherever it may be located - spreadsheets, databases, or other repositories. It should act as a single point of analysis for reservoir and production engineers to collaborate and manage more wells in less time. It allows early detection and diagnosis of production problems for any asset type (conventional, unconventional, thermal, etc.). Reservoir Engineering Database &amp; Analysis software supports rapid, scalable deployments of enterprise-wide workflows for a portfolio of assets. It enables the implementation of engineering workflow standards for sharing best practices and benchmarking multiple assets, and provides the flexibility needed by individual users and assets to capture unique analysis solutions or techniques.</p> <p>Software Workflow Capabilities:</p> <p>Production Surveillance - Early detection and diagnostics of production problems, quick generation of production trends, diagnostic plots, reports, maps, grids, and bubbles directly from corporate data. It should support validation of remedial well work benefits via integration with Avocet production operations software platform and Merak Peep economics software.</p> <p>Waterflood Surveillance - Waterflood patterns can be defined from production and reservoir data using the software. When combined with pressure data and PVT algorithms, reservoir volumes and voidage may be determined and further diagnostics be carried out with different diagnostic plots (e.g., Hall plots).</p> <p>Production Forecasting - Traditional decline curve analysis and advanced forecasting techniques (e.g., analytical decline and numerical forecasts) should be available to generate better, faster, and more reliable forecasts.</p> <p>Should connect seamlessly to Petrel reservoir simulation software and establish auto-update of production data in Petrel for assisted history matching workflows and also able to import simulation results and maps from Petrel to verify and compare to production rates and assist in forecasting.</p>	1	NO

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	Reservoir Engineering Database & Analysis software should include: Base Maps: Defines project data and is the connection to other modules. Single completions or groups of completions may be selected here for further analysis. It is also used to display geographic details, contours maps, facilities, logos etc. Plots: Customized line graphs from one or more completions. Reports: Displays input or calculated data in tabular spreadsheet format. Decline Curve Analysis: Provides empirical and analytical techniques to forecast production and retrieve forecast information for further studies. Grid Maps: Identifies geo-spatial trends and anomalies in data. Bubble Maps: Displays large amounts of data to help identify trends, anomalies, or potential problems in an oilfield. Scatter Plots: It should allow to cross-plot any two variables through time to help identify anomalies.		
	<b>INSTALLATION &amp; COMMISSIONING</b>		
10	Installation & Commissioning	1	AU
	<b>TRAINING ON ITEM 10</b>		
10	Training on Item no 10	1	AU

**Standard Notes:** The media for the software should be portable.

The software shall be installed at Centre of Excellence for Energy Studies of OIL, Guwahati, Assam, India. The supplier shall undertake to load and install the software and demonstrate that all functions of the software/software are in good condition at Guwahati. The installation should be completed to OIL's satisfaction within one week of arrival of the software at Guwahati. The software should be tested with test data provided by OIL. However if such data are not available with OIL, the supplier will have to use their own data to OIL's satisfaction. Familiarization with the new functionalities of the software should be provided at the site of installation.

**Special Notes :** 1. The items shall be brand new, unused & of prime quality shall warrant (in the event of an order ) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from the date of dispatch /shipment or 12 months from the date of receipt of the items at site which ever is earlier. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expenses. Bidders must confirm the same while quoting.

2. The minimum FOB/FCA charges incase of partial order for reduced quantity / terms shall have to be indicated by the bidder. In case this is not indicated specifically, the charges quoted would be prorata calculated and the same will be binding on the bidder.

3. Bidder other than OM (Original Manufacturer)/OEM (Original equipment manufacturer) must submit proper valid authorisation certificate from OM/OEM failing which offer shall be liable to rejection.

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4. Please mention clearly in your quotation the net weight, gross weight and volume, Indian agent's name and its commission, payment terms, Ocean freight/air freight charges, port of loading, delivery period, country of origin with manufacturer's name, etc.

5. NIL Custom Duty shall not be applicable against this tender. Indigenous Bidders are requested to quote their Non Deemed Export prices.

**6. Annexure-I is not enclosed separately.**

**Please refer to General terms and conditions (Pipeline sphere), Annexure-I, in [www.oil-india.com](http://www.oil-india.com) under Global tenders.**

**Tender will be governed by the same.**

Tender No. : GFD2801L14/3P  
Tender Date : 07.03.2014  
Bid Closing On : 21.05.2014 at 13:00 hrs.(IST)  
Bid Opening On : 21.05.2014 at 13:00 hrs.(IST)

**Tender issued to following parties only:**

Slno	V_Code	Vendor Name	City/Country
1	100384	HALLIBURTON ENERGY SERVICES INC	TEXAS 77205
2	101154	WEATHERFORD INTERNATIONAL INC	TEXAS - 77027
3	101241	PETROLEUM EXPERTS LTD.	EDINBURGH,
4	101468	GEOQUEST SYSTEMS B V	
5	101765	PARADIGM GEOPHYSICAL PTY LTD.	W AUSTRALIA 6000
6	102206	FEKETE ASSOCIATES INC.	CALGARY, ALBERTA, CANADA
7	102796	GI.LUNDTOFTEVEJ 1C	
8	102797	GEOGRAPHIX	
9	102798	GEOLOGIC SYSTEM LIMITED	
10	102868	KAPPA MIDDLE EAST ASIA W.L.L.	
11	204284	RESERVOIL	NAVI MUMBAI