

ADVERTISEMENT

EXPRESSION OF INTEREST (EOI) NO. EOI/GLOBAL/O/448/2018-19

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/GLOBAL/O/448/2018-19** for **‘SWAPPING OF EXISTING GEOFRAME LICENSES WITH EQUIVALENT INDUSTRY STANDARD G&G SOFTWARE ON A MODULE-TO-MODULE BASIS FREE-OF-COST (FOC) WITH ONLY AMC COST FOR MAINTENANCE FOR 03 (THREE) YEARS WITH A PROVISION FOR FURTHER EXTENSION’**. Interested Parties having relevant experience and expertise (details are available at OIL’s website - www.oil-india.com) are invited to submit their EOI(s) at our e-mail id: eoicontracts@oilindia.in or gcd@oilindia.in, arupsarmah@oilindia.in, upasana_malakar@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 any of our above e-mail id 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.

SUB: EXPRESSION OF INTEREST (EOI) NO. EOI/GLOBAL/O/448/2018-19 FOR SWAPPING OF EXISTING GEOFRAME LICENSES WITH EQUIVALENT INDUSTRY STANDARD G&G SOFTWARE ON A MODULE-TO-MODULE BASIS FREE-OF-COST (FOC) WITH ONLY AMC COST FOR MAINTENANCE FOR 03 (THREE) YEARS WITH A PROVISION FOR FURTHER EXTENSION.

1.0 PREAMBLE:

OIL INDIA LIMITED (OIL), a Government of India Enterprise under the Ministry of Petroleum and Natural Gas, is a premier up-stream Oil Company engaged in the business of Exploration, Production & Transportation of Crude Oil & Natural Gas as well as production of LPG, having its Headquarter at Duliajan, Assam, India. Its operations are largely based in the north-eastern parts of India particularly in Assam, Arunachal Pradesh and Mizoram but have also extended its activities in different parts of India and abroad.

GeoFrame G&G is a software used for carrying out geo-scientific studies across various work-centres in different spheres and is a proprietary item which is being used by OIL since last 18-20 years. As per the Vendor, GeoFrame has entered End-of-Life (EoL) and no upgrades as well as annual maintenance are to be provided for the same. Hence, it was felt prudent to switch over to other equivalent industry standard geoscientific software to carry out G&G studies in the future.

OIL invites Expression of Interests (EOIs) from reputed and established E&P Service Providers/Vendors meeting the pre-qualification criteria as mentioned in the EOI to provide equivalent G&G software on a module-to-module swap basis Free-of-Cost (FoC) with only AMC cost for maintenance of the same and hands-on-training with the new software. However, there is no provision for procurement of any license/ module as part of the swapping.

The swapping also provides for a clause of awarding the contract to two different proprietary Vendors on the basis of existing guidelines of purchase/procurement of goods and services. This is in order to cater to Company's requirement of bringing the best G&G software technology available with at least two service providers and ensure quality services. It is worth mentioning that the swapped licenses will be hosted centrally at FHQ, Duliajan as 'Corporate License' for use of different work centres located remotely.

The period of Annual Maintenance Contract would initially be for a period of 03 (Three) years, following 1st year warranty with a provision for further extension by 02 (Two) years or part thereof on same rates, terms and conditions at the discretion of Company.

2.0 PROJECT INFORMATION:

- 2.1 The available number of GeoFrame licenses is to be swapped with equivalent no. of modules of other industry standard software and this EOI will help to shortlist interested vendors to provide the same. Various competencies of respective software will have to be evaluated as a replacement of the existing GeoFrame software which has been used in OIL since last 18-20 years.
- 2.2 A large no. of projects have been created in GeoFrame domain generating huge volumes of data during this long period and due to the migration process from GeoFrame to a new software platform, a robust software application is required in order to continue with the G&G studies/projects in a similar manner as in GeoFrame and with improved capability and efficiency.

3.0 BRIEF SCOPE OF WORK:

- 3.1 OIL intends to hire the services of reputed Vendor(s) for swapping of industry standard G&G software against existing GeoFrame licensed modules to carry out G&G studies/projects including data loading, seismic interpretation, attribute analysis, geological interpretation, velocity modeling, time to depth conversion, petrophysical interpretation and mapping, etc.
- 3.2 The Vendor/Contractor/Service Provider shall be required to provide complete swapping of all GF modules with equivalent modules of their respective software to carry out similar G&G study with precision and industry standard algorithms. The software has to be accepted and applied by leading E&P players in India and worldwide.
- 3.3 The proposal put forward by the Vendor for swapping of licenses against GeoFrame must satisfy the following conditions and the same needs to be mentioned when submitting the EOI:
- One-to-one module wise swapping from existing GeoFrame software to the new software- Free of Cost.
 - Total no of runtime/base licenses required to run the software should be equivalent to the total number of licenses for interpretation suite to enable concurrent running of the software by same number of end-users.
 - Hosting/Installation of swapped licenses in workstations across all work centres of the organization - Free of Cost.
 - Re-hosting of licenses as and when required during the entire contract period- Free of Cost.
 - Software support as and when required in different work centres with 01 (One) dedicated software expert at FHQ, Duliajan where the licenses will be hosted centrally.
 - Software installation on minimum 20-30 workstations including all work centres across all Spheres of OIL as may be required (Free-of-Cost).

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- Warranty & AMC to be mentioned with year wise break-up including training cost, wherever applicable (annually 4/6 weeks in two phases of 2/3 weeks each).
 - The proposed software must be capable of loading/display/editing output files of existing GeoFrame software.
 - The Vendor(s) must agree to extend AMC by an additional period of upto two (2) years at the same terms and conditions, if so desired by OIL.
 - Additionally, detailed training to be provided on different software modules after installation and commissioning for software previously not procured by FHQ, Duliajan.
 - Agreement to the 60:40 modality of swapping of licenses as mentioned in the next section.
 - Successful completion of software hosting will be certified by OIL after installation and commissioning of the software licenses.
 - Release information regarding software up-gradation to be provided by the Vendor(s) once new version is released and the same is to be installed in the FHQ and other work centres within 30 days of the release.
- 3.4 Vendor/Service provider shall maintain all applications in good operating condition and install upgrades/patches as and when available with respect to the existing/new workstations present at various work centres.
- 3.5 The Vendor/Service provider shall be solely responsible for the operation of their software package including but not limited to the delivery, installation and commissioning of all the software licenses centrally at specified location in Duliajan.
- 3.6 Accessibility of the software licenses should be made available at all other work centres of FHQ, Duliajan as well as CoEES, Guwahati and E&D Directorate, Delhi.
- 3.7 The Vendor shall be solely responsible for installation of the G&G software on existing hardware of all work-centres of FHQ, Duliajan, CoEES, Guwahati and E&D Directorate, Delhi.
- 3.8 The Vendor/Service provider must provide detailed specification of all the modules of the software provided with adequate training/technical literature etc. indicating the various features available in their software suite. Vendor should also indicate limitations of their tools/software.
- 3.9 The company is also planning for hardware up-gradation/hyperconverge infrastructure in the near future. The service providers will have to migrate their licenses to the new hardware system free-of-cost, once the same is commissioned in FHQ, Duliajan.
- 3.10 The Contractor/Vendor/Service provider must confirm all the above points while responding to this EOI.

4.0 AVAILABLE GEOFRAME LICENSES FOR SWAPPING AT DIFFERENT WORK CENTRES:

- 4.1 The available GeoFrame software has different modules to cater to different G&G requirements and accordingly, the number of licenses for each of these modules vary. Licenses available at different work centres across organization has been collectively put up for swapping under the same proposal.
- 4.2 It may be noted here that if one-to-one swapping is not available/feasible for certain GeoFrame modules due to their archaic nature, alternate modules may be suggested by the Vendor in the EOI (free of cost) provided the same is a better alternative with improved functionalities. Acceptance of the same will be at the sole discretion of OIL.
- 4.3 **60:40 Modality:** This proposal has been put up with a provision of splitting the contract into 02 (Two) parts where 60% of the license requirements will be awarded to L-1 Bidder, whereas remaining 40% will be awarded to L-2 Bidder, provided L-2 Bidder agrees to match the quoted price of L-1 Bidder in totality [i.e. reducing proportionately against all the items] for equivalent software modules as per **Annexure-I**. In case the L-2 Bidder does not agree to match the quoted price of the L-1 Bidder, all modules/licenses/services will be awarded to the L-1 Bidder.
- 4.4 The list of different modules of GeoFrame software and number of licenses for each of these has been tabulated against different work centres and total available licenses vs. licenses required to be swapped have been calculated and tabulated in **Annexure-I**. These licenses need to be swapped with equivalent industry standard software available in the market to cater for the need of G&G studies to be taken up by different work centres of the organization. The table also indicates the module-wise number of licenses that may be awarded to L1 and L2 Bidders on the basis of 60:40 split as mentioned above.

5.0 PERSONNEL & THEIR RESPONSIBILITIES:

- 5.1 The Vendor/Service provider must engage following personnel throughout the warranty and AMC period on round the clock basis as required by the Company. Service Provider's personnel must be mobilised at site within 07 (Seven) days of completion of commissioning/hosting of software licenses. Following conditions/provisions need to be mentioned in the submitted EOI.
- On-site presence of 01 (One) Software Engineer, fully conversant with all modules of the G&G software with sufficient expertise and capability.
 - Software engineer should be placed at FHQ, Duliajan.
 - Software support required at other spheres viz. Guwahati or Delhi should be additionally provided by the Vendor as and when required free of cost.

5.2 Software Engineer on site should be a graduate in engineering/ post-graduate in geoscience with a minimum experience of two (2) years in order to support the various clients.

6.0 MOBILISATION PERIOD:

6.1 The service provider must be in a position to mobilize, install and commission licenses and related necessary services to designated work centres at Duliajan, Guwahati and New Delhi as under:

- a) **Software licenses** (duly inspected & accepted) should be successfully hosted centrally at FHQ, Duliajan and available remotely across all work centres of OIL as mentioned previously, within 60 (Sixty) days from the date of issue of LOA.
- b) **Software application** should be successfully installed on minimum 20-30 workstations including all work centres across all Spheres of OIL as may be required.
- c) **Software Personnel** having necessary qualifications as mentioned above must be deputed within 07 (Seven) days from the date of completion of commissioning/ hosting of licenses at FHQ, Duliajan.

7.0 WARRANTY AND AMC:

7.1 All the software modules shall have to be covered by a warranty for 12 months after successful installation and commissioning at site. Warranty should also include supply of all the software upgrades free of cost. The vendor may quote 'warranty cost' for the 1st year as procurement is not involved against swapped software modules.

7.2 The annual maintenance contract period would initially be for 03 (Three) years, followed by 1st year of warranty, with a provision for further extension by 02 (Two) years or part thereof at mutually agreed rate limited to the per year AMC rate, with same terms and conditions, at the discretion of Company.

8.0 PRE-QUALIFYING CRITERIA:

8.1 The Vendor/Service Provider must fulfil the following minimum pre-qualifying criteria for the purpose of empanelment/short-listing and issue of tender document by Company for swapping of GeoFrame licenses with industry-standard equivalent G&G software:

- (i) The Vendor/Service Provider must have minimum **07 (Seven) years'** experience of providing software solution in the field of Geoscience preceding the EOI publication date. The Service Provider must have provided software solution to at least 02

(Two) major E&P Companies, out of which one should be successfully executed in India during the last seven years from EOI publication date.

- (ii) The software solution supplied shall be of the latest versions/technologies and the Service Provider must provide in-depth literature/manual on the functionalities of various modules along with workflows for standard operations/processes.
- (iii) The Service Provider must confirm to deploy the qualified, experienced and competent personnel on-site to provide all software solutions.
- (iv) The Vendor/Service Provider must have registered office in India.

8.2 **DOCUMENTS/INFORMATION:** The Vendor/Service Provider must furnish the following documents as part of their EOI in support of fulfilling all the above pre-qualifying criteria, failing which the EOI will be rejected.

- (a) Detailed technical specification of the software modules with operating principle and competency along with catalogue/literature indicating all the features available in the swapped modules. The Service Provider should also indicate limitations of the software as well as intimate for any upgrade in the software version.
- (b) A letter with categorical confirmation from the Vendor/Service Provider against key personnel to be deputed at FHQ, Duliajan meeting the requisite qualification & experience as indicated above must be provided at the time of signing of LOA/ installation & commissioning of the software.
- (c) Vendor's/Service Provider's experience in providing the software solution during the last 07 (Seven) years preceding the EOI publication date – Statement to be furnished by the Service Provider in a tabular form as per **Annexure-II**.
- (d) As a proof of having experience of **07 (Seven)** years, bidders must submit documentary evidence supporting the same.

9.0 GENERAL NOTES:

- (i) A provision for holding a 'pre-tender meet' with interested vendors has been kept in order to facilitate firming up of the modalities of swapping and to clarify any points that may be raised by the Vendor prior to floating of tender.
- (ii) All documents submitted along with the EOI must be self-certified by the Vendor/ Service Provider and should be clear & legible.
- (iii) The EOI is liable to be ignored in case of submission of any misleading/ false representation by the Vendor/Service Provider.

- (iv) OIL INDIA LIMITED reserves the right to curtail/enhance the scope of work stated above or cancel, if required, without assigning any reason thereof.
- (v) OIL INDIA LIMITED reserves the right to ignore any or all EOIs without assigning any reasons thereof.

Based on the responses received against this invitation, OIL reserves the right to short-list the Vendors/service providers who meet the minimum qualifying criteria as above. Bids shall then be invited from those short-listed Vendors/service providers through formal Tendering specifying detailed BEC/BRC for award of contract.

10.0 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 or gcd@oilindia.in, arupsarmah@oilindia.in, upasana_malakar@oilindia.in within **23.01.2019 upto 15:00 Hrs (IST)**, followed by hard copies of the same in sealed envelopes super-scribing **“Global EOI No. EOI/GLOBAL/O/448/2018-19 for ‘SWAPPING OF EXISTING GEOFRAME LICENSES WITH EQUIVALENT INDUSTRY STANDARD G&G SOFTWARE ON A MODULE-TO-MODULE BASIS FREE-OF-COST (FOC) WITH ONLY AMC COST FOR MAINTENANCE FOR 03 (THREE) YEARS WITH A PROVISION FOR FURTHER EXTENSION’** 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

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

Annexure-I

SI No	Existing GeoFrame Licenses	TEAM CENTRE	VRC	COEES	FDC	E&D	Available	Required	Remarks	Distribution of Licenses		
										60 % (L1)	40 % (L2)	Total
1	GF Run Time Environment (RTE) including Basemap	10	4	4	1	3	22	14		8	6	14
2	GF Data manager	5	2	2	2	3	14	14		8	6	14
3	Math Cube		2	1			3	3		2	1	3
4	Main 2D Seismic Interpretation System (Charisma)	5				2	7	14	Total seismic interpretation licenses must be equal to 14	8	6	14
5	Main 3D Seismic Interpretation System (Charisma)	5				2	7					
6	ASAP	3	2	2		1	8	8		5	3	8
7	Mistie	3				2	5	5		3	2	5
8	Charisma Kit Pro		2	2		2	6	6		4	2	6
9	Chrisma Processing ToolKit	2					2	2		1	1	2
10	Synthetics (Charisma)	2	1	1		1	5	5		3	2	5
11	Indepth	3	1	1		1	6	6		4	2	6
12	Attribute Mapping	2				1	3	3		2	1	3
13	Seismic Attribute ToolKit		3	3			6	6		4	2	6
14	Variance Cube		1	1		1	3	3		2	1	3
15	Spectral Decomposition		1	1			2	2		1	1	2
16	CPS-3 Mapping	3	2	2		1	8	8		5	3	8
17	GeoViz	6				1	7	9	Total number of licenses having equivalent functionalities must be 9	5	4	9
18	GeoViz Explore	2					2					
19	GeoPlot		1	1			2	2		1	1	2
20	GeoFeature Map	2					2	2		1	1	2
21	Geology OfficeLite	2					2	8	Total number of licenses having equivalent functionalities must be 8	5	3	8
22	Geology Office		2	2	1	1	6					
23	Well Composite Plus	1					1	1		1	0	1
24	Well Pix	1			1		2	2		1	1	2
25	Preplus	1	1	1	1	1	5	5		3	2	5
26	PetroView Plus	1	1			1	3	7	Total number of log interpretation suites must be equal to 7	4	3	7
27	Elan Plus including ReSum		1	1	2		4					
28	ReSum	1	1	1		1	4	4		2	2	4
29	SeisClass	1					1	1		1	0	1
30	LPM	2	1	1			4	4		2	2	4
31	Litho ToolKit: Neural Network and Estimation modules		1	1			2	2		1	1	2
32	Frame Work 3D	2				1	3	3		2	1	3
33	BaseMap Plus					1	1	1		1	0	1
	Total						158	150		90	60	150

Experience Statement of Service Provider

Experience in providing the services of software solution during the last 07 (Seven) years preceding EOI publication date.

Sl. No.	Contract No	Name & contact details of client	Place of operation	Start date of contract	End date of contract
1					
2					
3					
4					

N.B: Please add rows as required.
