

#### CONTRACTS DEPARTMENT

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## EXPRESSION OF INTEREST (EOI) NO. EOI/SEISMIC/G/003/2022-2023 DATED 14.09.2022

#### **FOR**

### **ACQUISITION OF SEISMIC DATA**

#### 1.0 PREAMBLE:

OIL INDIA LIMITED (OIL), a premier National Oil Company, is engaged in the business of exploration, production and transportation of crude oil and natural gas for over five decades. It is a Navaratna Company under Ministry of Petroleum and Natural Gas, Government of India and the second largest National Oil Company in the country.

As part of its strategy to strengthen its position as a leading operator, OIL is continuously carrying out seismic data acquisition, exploratory and development drilling in its operated acreages. OIL is currently carrying out domestic E&P activities in a total of 59 nos. of operated acreages. These include 25 nomination Petroleum Mining Leases (PML) (21 in Assam, 2 in Arunachal Pradesh and 2 in Rajasthan), 3 nomination Petroleum Exploration Licenses (PEL) in Arunachal Pradesh, 4 NELP blocks (2 in Assam, 1 in Mizoram and 1 in Andhra Pradesh), 29 OALP Blocks (12 in Assam & AP, 1 in Nagaland, 3 in Tripura, 5 in Rajasthan, 5 in Odisha, 2 in Andaman shallow offshore and 1 in Kerala Konkan shallow offshore) and 2 Discovered Small field (DSF) blocks (1 each in Tripura and in KG Shallow Offshore). The total operating acreages cover an area of 63,045 sq. km.

In connection with its ongoing exploration activities & Government sponsored programs for Hydrocarbon exploration, OIL has planned to carry out extensive exploration activity across the country by acquiring both 2D and 3D seismic data in the order of more than 3500 LKM/SQ. KM in next 3 to 4 years.

View above, OIL invites Expression of Interests (EOIs) from reputed and established E&P Service Providers for mapping of available resources of Service Providers for 'Acquisition of Seismic Data'.

#### 2.0 DOCUMENTS / INFORMATION:

The Service Providers are requested to furnish the following as part of their response to this EOI:

- (a) **Identification of Equipment & Accessories:** List of Equipment & Accessories available with them indicating the respective vintage of the equipment as per format enclosed vide **Annexure-I**. The service providers may also indicate the list of equipment for which they have an agreement for procurement in the future.
- (b) **Mobilization Schedule:** Best mobilization schedule if the services are hired from them.

#### 3.0 GENERAL NOTES:

- (i) All documents submitted along with the EOI must be self-certified by the Service Provider and should be clear & legible.
- (ii) The EOI is liable to be ignored in case of submission of any misleading / false representation by the Service Provider.
- (iii) OIL INDIA LIMITED reserves the right to ignore any or all EOIs, without assigning any reason thereof.

#### 4.0 SUBMISSION OF EOI:

4.1 Interested Service Providers are invited to submit their EOI at our e-mail ID: <a href="mailto:eoi\_contracts@oilindia.in">eoi\_contracts@oilindia.in</a> or <a href="mailto:buburaj\_brahma@oilindia.in">buburaj\_brahma@oilindia.in</a> within 29.09.2022, followed by hard copies of the same through courier/post super-scribing "EOI No. EOI/SEISMIC/G/003/2022-2023 for Acquisition of Seismic Data" at the following address:

# GM-CONTRACTS OIL INDIA LIMITED CONTRACTS DEPARTMENT P.O. DULIAJAN-786602 DIST. DIBRUGARH, ASSAM, INDIA

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

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#### ANNEXURE-I

# DETAILS OF THE EQUIPMENT & ACCESSORIES AVAILABLE WITH SERVICE PROVIDER FOR SEISMIC DATA ACQUISITION

Type of Equipment	Make/Model	Quantity	Vintage
SURVEY EQUIPMENTS			
(i) DGPS (RTK) System	a		
	b		
	c		
(ii) Total Station	a		
	b		
	c		
(iii) Software for survey data processing & management	a		
	b		
	c		
(in) Handman for summer data	a		
(iv) Hardware for survey data	b		
processing & management	С		
SESIMIC DATA RECORDING EQUIPM	ENT & PERIPHERALS		
(i) State of the art cable/node based	a		
seismic data acquisition recording	b		
system with 24-bit $\Delta \Sigma$ Technology.	С		
(ii) Seismic Cables / Nodes	a		
	b		
	С		
(iii) Seismic Sensors (single/Bunched)			
a. Analog	a		
	b		
	С		
b. Digital	a		

	b				
	С				
c. Hydrophone	а				
	b				
	С				
UPHOLE SURVEY SYSTEM					
(i) Uphole Survey Equipment	а				
	b				
	С				
(ii) Low Frequency & High Sensitivity Geophones/Hydrophones	a				
	b				
	С				
(iii) Software for processing and	а				
(iii) Software for processing and interpretation of Uphole data	b				
interpretation of opnoic data	С				
(iv) Hardwara for processing and	а				
(iv) Hardware for processing and interpretation of Uphole data	b				
interpretation of opnoic data	c				
LVL SURVEY SYSTEM					
	а				
(i) LVL Survey Equipment	b				
	С				
(ii) Low Frequency & High Sensitivity Geophones/Hydrophones	а				
	b				
	С				
(iii) Software for processing and interpretation of LVL data	а				
	b				
	С				
(iv) Hardware for processing and interpretation of LVL data	а				
	b				
	С				

FIELD DATA QC PROCESSING SYSTEM					
(i) Software	a				
	b				
	С				
(ii) Hardware	a				
	b				
	С				
SEISMIC SURVEY SIMULATION SYSTEM					
(i) Software	a				
	b				
	С				
	a				
(ii) Hardware	b				
	С				
COMMUNICATION EQUIPMENT					
	a				
(i) Walkie-talkies	b				
	С				
	a				
(ii) VHF radios	b				
	С				
(iii) SSB radios	a				
	b				
	С				
SHOT-HOLE DRILLING EQUIPMENT					
	a				
(i) Manual	b				
	С				
(ii) Dotomy	a				
(ii) Rotary	b				

С				
a				
b				
С				
а				
b				
С				
а				
b				
С				
OTHER SOURCE EQUIPMENT				
a				
b				
С				
а				
b				
С				
а				
b				
С				
а				
b				
С				
	a b c a c a	a         b         c         a         b         c         a         b         c         a         b         c         a         b         c         a         b         c         a         b         c         a         b	a       b         c       a         b       c         a       b         c       a         b       c         a       b         c       a         b       c         a       b         c       a         b       c         a       b         c       a         b       c         a       b         c       a         b       c         a       b         b       c         a       b         b       c         a       b         b       c         a       b         b       c         a       b         b       c         a       b	

#### **Notes:**

- 1. The Service Provider may add extra lines in case of multiple make/model/vintage of equipment.
- 2. The Service Provider also need to mention their minimum possible mobilization time from date of LoA.

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