

**OIL INDIA LIMITED  
KG BASIN PROJECT  
KAKINADA**

**GLOBAL EXPRESSION OF INTEREST (EOI) No. OIL/KGB/EOI-51**

**for  
HIRING OF MOBILE RIG PACKAGE (1000 HP) WITH SERVICES FOR  
TESTING AND COMPLETION OF HPHT EXPLORATORY WELLS IN NELP-VI  
BLOCK: KG- ONN-2004/1 IN EAST GODAVARI DISTRICT OF ANDHRA  
PRADESH, INDIA.**

**1. Introduction**

OIL India Limited (OIL) invites Global Expression of Interest (EOI) from interested and experienced contractors for hiring a suitable mobile rig with associated services primarily for testing and completion of exploratory (02) HPHT wells in block KG-ONN-2004/1, EG District, Andhra Pradesh.

**2. Scope of Work**

**2.1. Brief Description:**

The mobile rig is planned to be used for testing and completion of exploratory HPHT wells in KG onshore gas field as a part of extended testing under appraisal programme. The plan is to commence operations by middle of Q4 /2020. It is intended to initially test and complete 02 (two) HPHT exploratory wells.

Tentative requirement of the service is for a period of 01 year.

**2.2. Mobile Rig Specification Requirements:**

- Work over depth capacity of all components = 5,000m.
- Static hook load capacity= 500,000 lbs (min) with 10 lines.
- Rig Capacity = 1,000 HP
- Substructure = 1. Minimum 16.5 ft clear height below rotary table beam to accommodate BOP stack/Riser.

2. Setback capacity = 300000 lbs (min).
  3. Rotary capacity = 450,000lbs (min).
- The existing Cellar size is 4m X 4m which can be squeezed to 3m X 3m. So, suitable rig should be offered to accommodate substructure.
  - To accommodate 5000m of 3.1/2", 5" Drill pipe/3.1/2" tubing.
  - A minimum of Two rig pumps (Plunger type and reciprocating type) are required, each capable of pumping 260 gal/min at 5,000 psi and 10000psi.
  - An additional Kill Pump with manifolds, discharge lines with working pressure equal to or greater than the working pressure of 15,000 psi (equivalent to the X-mas tree) capable of pumping over 160 gal/min.
  - Mud tank capacity = 1250 bbl (minimum) with facility to handle mud/brine.
  - Anti corrosive Brine storage tank = 1000bbls.
  - Adequate with Pipe Handling & Fishing Tools equipment for testing string.
  - 11" x 15,000 psi Double ram with pipe rams and shear ram, and Annular BOPs, meeting NACE and OISD requirements.
  - 15,000 psi Choke & Kill manifold to meet NACE, OISD requirements.
  - The transportation of Rig-Package to the locations will be the responsibility of the service provider. It is necessary that the transportation of the Rig-Package might have to be done in such a way that overall weight of a single consignment should not exceed than 30 MT including the weight of the carrier/trailer.
  - Rig instrumentation including continuous Total Gas System with H2S alarm system, capable of detecting upto 10 ppm H2S.
  - Tentative rig mobilisation time to be provided by the service provider.

Note: As Company intends services for extended testing programme of the wells, the rig may be interimly de-hired/demobilised in case testing duration exceeds by 04 months, else stack day rate will be applicable for 04 months in the above period.

### **2.3 Associated service requirements:**

1. Cementing Service is required to carry out cement plug jobs during testing.
2. Chemical handling /Mud Engg. Service is required during testing.
3. H<sub>2</sub>S Safety Service.

Note: Bidder to submit detailed worksheet to justify that the Rig Package is able to carry out well testing as specified above.

### **3.0 Vendor Qualification Criteria**

#### **3.1 (Technical):**

Vendors will be qualified based on the basis of the following criteria:

- (a) Corporate experience in providing the Work-over / Mobile Rig Package Services with in-house/leased rigs to E&P companies for last 5(Five) years reckoned from the publication of this EOI.
- (b) Experience of Work-over/Testing of at least 03 (three) nos. of Oil & Gas wells using 10M BOP stack with bottom hole temperatures 300° F or more , in last 5(Five) years reckoned from the publication of this EOI.
- (c) The key personnel should have requisite qualification and experience. The Rig Superintendent, Tool Pusher, Tour pusher and Driller should possess valid International Well Control Forum (IWCF) certificate at appropriate levels and should be fluent in English.
- (d) Personnel Should have work experience of 03 deep high pressure well testing/work-over operations using 10M BOP stack within last 10 (Ten) years.
- (e) Personnel should be well-conversant with mud/brine chemicals & maintenance of mud/brine properties.
- (f) The key rig personnel should also have minimum experience of well testing /work-over operations of at least 2 (two) sour gas wells (with H<sub>2</sub>S).
- (g) Should be well-conversant with well-control methods & should have logistical support in case of well emergencies.
- (h) Should have Health, Safety, Security and Environment Management System and sound track record.
- (i) The Service provider shall have to comply with the applicable and prevailing provisions of Mines Act.1952, Oil Mines Regulations.1984, OISD (Oil Industry Safety Directorate) guidelines and MoEF (Ministry of Environment and Forest) directives.

#### **3.2 Financial**

- i. The average annual turnover in last three accounting years of prospective bidder should be minimum Rs.25.00 Crore (USD 3.52 million).
- ii. Net worth of bidder should be positive for preceding accounting/financial year.

Applicants should clearly mention (point wise) whether they satisfy the above criteria and support it with necessary documentary evidence.

#### **4. Documents to be submitted:**

To qualify for consideration, contractors are required to supply one (1) set of the following documentation, with the specific chapters, separated by dividers, in the same order as set out here below (a) to (o):

- a) A separate section summarizing the contents chapter by chapter of the prequalification document.
- b) Contractor's general structure and organisation, including the branch / sub-division dedicated to such activities.
- c) Details of company's Health, Safety and Environmental Policy and Programme together with HSE Management System.
- d) Safety record details for accidents, injuries, damage and summarized for near-misses, LTI over the past five (5) years.
- e) Quality Assurance System certified ISO 9001 or equivalent.
- f) Details of relevant verifiable experience of providing well testing rig services with crew that have been undertaken as main contractor in the last five (05) years, inside or outside India.
- g) Reference (including emails and telephone numbers) of three major customers that can be contacted for information / reference.
- h) Detail specifications of suitable mobile rigs currently owned/leased by the contractor together with proof of ownership/lease agreement with rig layout and rig/tank foundation details.
- i) Confirm that offered rig is suitable for accommodating in 3m X 3m cellar.
- j) Confirm that rig transportation to 2<sup>nd</sup> well with load restrictions of 30MT (max.) at well approach road can be carried out.
- k) Resume of key personnel to be involved in the services with high pressure high temperature testing experience in their respective position.
- l) Qualifier's audited accounts for the past three (3) accounting years.
- m) All relevant information concerning contacts, telephone, fax, e-mail of the Contractor's representative.

n) Copy of current IADC certificate (Contractors must be registered with IADC).

o) Provide information on expected mobilisation time.

Failure to provide any of the listed documents or information shall negatively affect the qualification to participate in the tendering process. Notwithstanding the submission of this documentation, OIL is neither committed nor obliged to include any contractor on the tender list or award any form of contract to any contractor and/or associated companies.

Please note that this is not an invitation to tender. Full tendering procedure will be provided only to contractors that have been successfully pre-qualified through this advertisement and this may consist of safety / technical audit of facilities/equipment to determine those suitable to provide this service.

## **5. Geographical position of the Block**

The block KG-ONN-2004/1 in East Godavari district of Andhra Pradesh is accessible through air, water, rail & road as given below.

1. Nearest Airport: Vizag : 180 Km  
Rajahmundry : 70 Km
2. Nearest Sea Port: Kakinada : 15 Km
3. Nearest Railway Junction: Samalkot : 20 Km  
Kakinada : 15 Km
4. National Highway: NH-5 / 214

## **6. Casing Policy:**

### **Well No. 1**

Hole Size (inches)	Depth (m)	Casing Size (inches)	Mud Wt (ppg)
*Conductor	20	30"	-
26"	619	20"	9
20"	1407	16"	9.9
16"	3126	13.5/8"	12.5
12.1/4"	4535	9.7/8"x 9.5/8"	16.6
8.1/2"	5199	7" Liner	16.5

### **Well No. 2**

Hole Size (inches)	Depth (m)	Casing Size (inches)	Mud Wt (ppg)
*Conductor	20	30"	-
26"	490	20"	9
20"	1071	16"	9.9
16"	1504	11.75"	9.05
16"	3362	13.625"	13
12.1/4"	3363	9.7/8"x 9.5/8"	16.6
8.1/2"	5199	7" Liner	15.2

Expected BHP during drilling =13,000psi

Expected BHST during drilling =440°F

Interested Parties having relevant experience and expertise as above are invited to submit their EOI (all requisite documents as asked must be submitted ) at e-mail **id:oilkgbprojecteoi@gmail.com** within **31.01.2020**, followed by hard copies through courier/post super-scribing **"Expression of Interest No. OIL/KGB/EOI-51 for "HIRING OF SERVICE RIG PACKAGE WITH CREW FOR TESTING AND COMPLETION OF HPHT WELLS IN NELP VI BLOCK KG-ONN-2004/1"** at the following address:

Executive Director (KGB&BEP)  
OIL INDIA LIMITED,  
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3rd Floor,  
Nokalamma Temple Street,  
Ramaraopeta,  
Kakinada-533004 Andhra Pradesh.  
Contact No: 0884-2302179

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

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