

OIL INDIA LIMITED
KG BASIN PROJECT
KAKINADA

GLOBAL EXPRESSION OF INTEREST (EOI) NO: OIL/KGB/EOI-52

for

INTEGRATED SERVICES FOR DEVELOPMENT DRILLING CAMPAIGN IN BLOCK
KG/OSDSF/GSKW/2018
IN KRISHNA GODAVARI BASIN OF INDIA

Oil India Limited (OIL), A Government of India Enterprise, incorporated under the Companies Act 1956, having its registered office at Duliajan in the state of Assam and Project Office at Nookalamma Temple Street, Ramarao Pet, Kakinada – 533004, Andhra Pradesh, India, is seeking EOI's for Integrated drilling services for its development drilling campaign in shallow offshore Block KG/OSDSF/GSKW/2018 in KG Basin.

1. Project Information

The Block KG/OSDSF/GSKW/2018 covering an area of 93.902 Km² was awarded to OIL (with 100% stake as the Operator), by the Ministry of Petroleum & Natural Gas (MOP&NG), Govt. of India, under Discovered Small Fields (DSF) round II in March 2019, for carrying out appraisal and development for Petroleum & Natural Gas in the block.

As per RSC, OIL is committed to drill 06(Six) Development wells in four years' time from the effective date (08.07.2019) as per the Minimum Work Program (MWP). In addition to drilling of six Development wells, OIL is required to start the production from the block within four years.

2. Proposals

OIL invites experienced parties (Offshore Drilling companies, Service companies, EPC companies and/or consortiums), with Well Engineering capabilities to express their interest for pre-qualification to participate in the International Competitive Bidding (ICB) Process for executing an integrated development drilling campaign (including drilling, formation evaluation, completion, testing and associated services). Interested companies/consortiums need to demonstrate strong integrated planning and drilling capabilities, preferably with past experience of successfully executing similar integrated projects.

Interested companies / consortiums are requested to submit proposals for executing an integrated development drilling campaign and making the successful wells ready for hook up by temporary suspension with appropriate cost effective technology. The proposal should contain the brief technical workflow for execution of the drilling campaign along with proposer's past experience in executing similar projects. Subsequent to the review of proposals, shortlisted parties would be invited for technical discussions and to make a presentation on their proposals at OIL's Project office at Kakinada.

3. Location

The Block KG/OSDSF/GSKW/2018 is located in shallow offshore areas of Krishna Godavari Basin. The nearest village to the block is Kesanapalli in Malikipuram mandal of the East Godavari district, Andhra Pradesh (AP), India. The closest point of block boundary from the east coast is at around 650m, while the farthest point of the block boundary from the east is at around 11.2 kms from the shore.

The block is covering the area of 93.902 Km² and is in two parts separated by a distance of around 1.75 km. The eastern part of the block is having an area of 64.547 Km², while the western part of the block is having an area of 29.355 Km². The water depths in the block are ranging from 5 to 15 m.

4. Timeline

The drilling campaign is scheduled to start in December 2020. The successful party would be required to execute the drilling campaign in the shortest timeline not exceeding one year.

5. Brief Scope of services

The successful party would be required to execute a drilling campaign of around six development / appraisal wells utilizing its own Rig, tools, technologies, consumables, services and logistic support.

The required details of the proposed appraisal / development wells are as follows:

S.No.	Particular	Details
1	Water depths	8 to 15m.
2	Well Types	'J' bend or 'S bend' type
3	Reservoir formations	Matsyapuri and Vadaparru formation
4	Reservoir Depths	Matsyapuri formation : 1900-2700m Vadaparru formation : 2700m to 3800m
5	Maximum Reservoir Temperatures	Matsyapuri formation : 125 Deg C Vadaparru formation : 155 Deg C
6	Maximum Reservoir Pressures	Matsyapuri formation : 1200-3900 psi Vadaparru formation : 5900-9500 psi
7	Total Vertical Depths of Wells (TVD)	2500m to 3800m

The tentative services# required for drilling of development / appraisal wells are including but not limited to:

S. No	Description of service
1	<p>Offshore Drilling Unit</p> <p>Provision of Offshore Drilling Unit capable of drilling the wells up to 5000m depth in shallow water areas with water depths ranging from 8 to 15m</p>
2	<p>Equipment and Services</p> <p>Engineering Equipment & Services for well construction, completion, testing and suspension or abandonment of wells including but not limited to :</p> <ol style="list-style-type: none"> 1. Drilling 2. Directional Drilling and Measurement While Drilling 3. Fishing 4. Drilling & Completion Fluids 5. Casing 6. Cementation 7. Wellhead 8. Well completion and Sand Control. 9. Production testing 10. Mudline Suspension

3	<p>Consumables*</p> <p>Supply of consumables including Drill Bits, Casings, Tubings, Liner hanger, Casing Floats & Centralizers, Cementing, Chemicals for drilling, coring operations and completion of the wells, Subsurface well completion equipment.</p> <p><i>*While designing the wells, maximum utilization of existing material available with OIL must be considered.</i></p>
4	<p>Formation Evaluation</p> <p>Formation evaluation Equipment & Services including:</p> <ol style="list-style-type: none"> 1. LWD 2. Wireline Logging 3. Coring, core handling and well site core plugging Services 4. Mudlogging including following services: <ol style="list-style-type: none"> i) Routine Drilling Monitoring ii) Geological sampling and lithology preparation iii) Pore pressure prediction & monitoring iv) High resolution chromatography v) Early Kick Detection
5	<p>Logistics Services</p> <p>Provision of Offshore Logistics Services including:</p> <ol style="list-style-type: none"> 1. Clearing & Forwarding Services 2. Shore base & Jetty Services 3. Helicopter Services Including Medivac 4. Supply vessels

	5. Rig movement
6	<p>Geotechnical services</p> <p>Pre drill investigation services including:</p> <ol style="list-style-type: none"> 1. Bathymetry surveys 2. Sea bed survey 3. Rig Positioning 4. Geotechnical studies for rig placement.
7	<p>Data gathering and transmission services</p> <p>Tools and services for acquisition, integration, transmission and archival of drilling and formation evaluation data in real-time.</p>
8	<p>Miscellaneous Services</p> <p>Miscellaneous Services including but not limited to:</p> <ol style="list-style-type: none"> 1. On site Medical support 2. TSDF service (Treatment, Storage and Disposal Facility services) of drill cuttings, Effluents, drilling fluid and completion fluids. 3. Catering Services 4. Health, Safety & Environment

#Any additional services deemed necessary for the project, should be proposed by the interested company / consortium, and included in the services while executing the project.

6. Vendor Qualification Criteria

Vendors will be qualified based on the following criteria:

- a) Corporate experience in providing offshore Well Engineering Services (including Drilling, completion and production testing services) to E&P companies for last 10(Ten) years reckoned from the publication of this EOI.
- b) Effectiveness of the proposal in achieving the project objectives optimally.
- c) Experience of executing at least one integrated offshore drilling Project having directional wells drilled to vertical depth of 4000m, with bottom hole temperatures of 155°C or more and formation pressures of 10000 psi or more, in last 7 (Seven) years reckoned from the publication of this EOI.
- d) The key personnel (Project managers) should have minimum experience of 15(Fifteen) years' experience in handling drilling, completion and testing operations in offshore Project.
- e) The field personnel (Engineer and other operators) should have minimum experience of 5(Five) years' experience in handling drilling, completion and testing operations in offshore Project.
- f) The personnel proposed for the project should be working on the vendor's role at least for past one year reckoned from the publication of this EOI.
- g) Should have Health, Safety, Security and Environment Management System and sound track record.
- h) The average annual turnover in last three accounting years should be minimum Rs. 140.00 Crore (USD 20 million)

- i) Services should be made available to commence the project tentatively by December 2020.

Note: Vendors should clearly mention (point wise) whether they satisfy the above criteria & support it with necessary documentary evidence.

7. Documents to be submitted

To qualify for consideration, vendors 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) Vendor's general structure and organisation, including the branch / sub-division dedicated to such activities.
- b) Detailed time and cost effective proposal for executing the integrated development drilling campaign elaborating stage wise technology proposed for each operation along with the timelines.
- c) A separate section detailing the contents chapter by chapter of the prequalification document. List of services that will be provided by the vendor using in-house capabilities or sourced from third parties under Joint Ventures / Consortium with details of such vendors.
- d) Details of projects executed pertaining to offshore drilling, completion, production testing and rig services with crew that have been undertaken as main contractor with particular reference to fulfilling the criteria vide clauses 6 a, c, d, e and f.
- e) Reference (including emails and telephone numbers) of three major customers that can be contacted for information / reference.

- f) Description and specifications of suitable drilling rigs currently owned/leased by the vendor. Current Rig status and availability for mobilisation within 06 months' time.
- g) Resume of key personnel (with offshore drilling, completion, production testing and rig supervision experience) proposed to be involved in the project mentioning experience in their respective position.
- h) Qualifier's audited accounts for the past three (3) accounting years.
- i) Details of vendor's Health, Safety and Environmental Policy and Programme together with HSE Management System.
- j) Quality Assurance System certified ISO 9001 or equivalent.
- k) All relevant information concerning contacts, telephone, fax, e-mail of the vendor's representative.

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 vendor and/or associated companies.

Interested parties having relevant experience and expertise on above are invited to submit their EOI along with requisite document at e-mail oilkgbprojecteoi@gmail.com within 25.03.2020 followed by hard copies through courier super-scribing.

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EXECUTIVE DIRECTOR (KGB & BEP)
OIL INDIA LIMITED
D.NO. 11-4-7,3RD FLOOR
NOKALAMMA TEMPLE STREET
RAMARAOPET,KAKINADA-533004
ANDHRA PRADESH

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

Please note that this is not an invitation to tender. Full tendering procedure will be provided only to vendors 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.
