

**OIL INDIA LIMITED
KG-BASIN PROJECT
KAKINADA**

GLOBAL EXPRESSION OF INTEREST No. OIL/KGB/EOI-50

**GLOBAL EXPRESSION OF INTEREST (EOI) NO. OIL/KGB/EOI-50 FOR
'HIRING OF CONSULTANCY SERVICES FOR WELL ENGINEERING AND
WELL SUPERVISION FOR DRILLING & TESTING SHALLOW OFFSHORE
APPRAISAL/ DEVELOPMENT WELLS IN DSF-II BLOCK: KG-OSDSF-
GSKW/2018 IN EAST COAST OF ANDHRA PRADESH, INDIA'**

1. Introduction

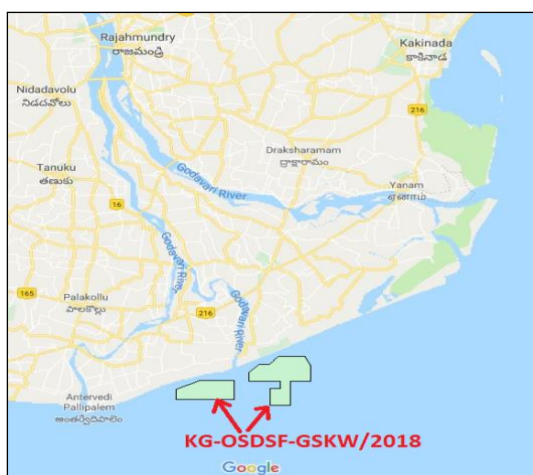
OIL INDIA LIMITED (OIL), premier National Oil Company with its Headquarters at Duliajan, Assam, India, is engaged in exploration, production & transportation of crude oil and natural gas. OIL has with a project office at Kakinada, Andhra Pradesh and is involved in carrying out drilling activities at KG Basin.

During the DSF-II round of bidding, OIL has been awarded Block KG/OSDSF/GSKW/2018 by Government of India, and is located in KG Basin (Offshore) in the eastern coast of India. OIL is the operator of the block with 100% PI. The Revenue Sharing Contract (RSC) for the block was signed on 07.03.2019 and the PML (Petroleum Mining Lease) was awarded on 08.07.2019. As a part of the commitment, OIL intend to drill 06(Six) nos. of appraisal/development wells in 04 year's time period.

The Block with an expanse of 93.902 Sq km comprising of 02 parts separated by a distance of 1.75 Km in between them. The eastern part (Part-I) and western part (Part-II) of the block is having an area of 64.547 Sq Km and 29.355 Sq Km respectively. Water depth in the block ranges from 5 m to 15 m and nearest point and farthest point of the block is 0.65 Km and 11.2 Km respectively. The nearest village to the block is Kesanapalli in Mailikipuram mandal of the East Godavari district.

Figure 1: Location Map the Block KG/OSDSF/GSKW/2018

OIL/KGB/EOI-50



2. Communication:

The Block is planned to be executed by OIL's office at Kakinada and can be approached by as per the following:

Nearest Airports:	Visakhapatnam	180 kms
	Rajahmundry	70 kms
Nearest Sea Port:	Kakinada	15 kms
Nearest Railway Stations:	Samalkot	20 kms
	Kakinada	2 kms
National Highway:	NH-216	

The aerial distance from Kakinada to the block KG-OSDSF-GSKW/2018 is about 65 Km.

3. Brief description, work scope and services required:

It is scheduled to start operations by October'2020. It has been planned to drill & test 06 (Six) appraisal/development wells under this Project. Out of these 06(Six) wells, few wells have been planned to be drilled as re-entry wells as far as feasible and rest as the fresh wells. The wells would be of vertical / Deviated type. A Mobile Shallow Offshore Drilling Unit (Jack up / Mat Type) would be deployed. The entire drilling and testing campaign is expected to be completed by 07.07.2023. To carry out the drilling and testing programme, it is intended to hire the consultancy services from competent and experienced service providers:

The party would primarily be responsible but not limited to:

- (i) Review of identification and placement of the wells in accordance with the Field Development Plan (FDP), prioritize them.
- (ii) Review of the well design, well data, pore pressure, fracture gradient, mud weight programme.
- (iii) Selection of casing setting depths and casing design. Selection of Tubing size and grade.

- (iv) Selection of Well head, X-mass tree with the well programme consideration.
- (v) Responsible for design and selection of upper and lower completion system for wells which will be targeted for continued Production.
- (vi) Well engineering including planning for all the services required including rig selection and other associated services, well supervision for the first two wells, completion methodologies.
- (vii) Responsible for design of well testing programme.
- (viii) Responsible for selection of retrievable type completion tools and system exclusively for well testing programme.
- (ix) Preparation of Bridging Documents related to the operational requirement of various service providers.
- (x) Party should also study from the well design part of Field Development Plan in general and Phase-III Field Development Plan (FDP) in particular.
- (xi) Preparation of SOW/TOR, bid evaluation for the various services required for the drilling and production job and the consumables.
 - a. for mud logging, wireline logging (LWD and Geo-steering) services , Coring and core recovery.
 - b. for Drilling Fluid Engineering Services in offshore wells that includes supply of mud and mud chemicals, various brines and brine chemicals, Waste Management services, waste disposal and effluent treatment services under TSDF facilities and providing Brine Filtration unit(Callout basis only) services
 - c. any other associated services that are required for drilling and completion of the wells but not limited to e.g. bulk handling, cementing, casing running services etc.
- (xii) Preparation of SOW/TOR, bid evaluation criteria for all Production testing related services like Surface well test, DST-TCP, Well activation package, Sand control, Hydro Frac, Tubular running service etc and any other need based services which comes up at later stage of operation.
- (xiii) Preparation of Technical specifications for procurement of all consumables like Well head, Casing, Tubing, Packer, Bridge Plug, SSSV etc and any other need based equipment which comes up at later stage of operation.
- (xiv) Prepare well programmes for the 06 nos. of wells with detailed project schedule maps.
- (xv) Carry out DWOP (Drill Well on Paper) of all the wells.
- (xvi) Preparation of Look ahead policies and programmes.
- (xvii) Responsible for supervising of drilling and Production testing of first 02 (two) wells.
- (xviii) Develop stepwise operation plan and procedures.
- (xix) Time logs for the wells, both planning and execution.
- (xx) Monitor cost and estimate well-wise.
- (xxi) Risk matrix and mitigation plan for the risks involved.
- (xxii) Liaise with the service providers for various services during the operation of the well.

- (xxiii) Preparation of GTO, Drilling Montage.
- (xxiv) Impart on the job training of company personnel.
- (xxv) Prepare various reports that include NPT, Pressure testing, Tubular tallies, End of the well report including the job analysis and well reviews and forward to the base.
- (xxvi) Ensure adherence to HSE policies, standards and procedures and OISD statutory guidelines and recommended practices pertaining to the drilling rig and associated services.
- (xxvii) Maintain the list of items/ consumables transferred to and from the rig and consumed at wells.

Interested parties/groups of individuals (without any joint venture, collaborators, tie-ups and consortium) meeting the following are requested to submit their EOI.

1. Bidder must be an Oil and Gas consultancy firm having experience in executing the activities stated above.
2. Party(s) must have completed at least 01 (one) service job in Offshore drilling wells in India or outside India consulting projects in last 05 (five) years (preceding publication of this EOI) involving well engineering and well site supervision during execution phase to reputed E&P operators.
3. The interested party(s) must have offshore experience personnel both for well engineering and well-site supervision for atleast 05 years period.
4. Party(s) must have requisite QHSE policy and QMS in place which should meet or exceed established international oil & gas industry standards.
5. Party shall engage qualified Engineers preferably with Petroleum Engineering having minimum experience of 05 years of oilfield experience, in well planning, well design, vertical as well as deviated wells. For the execution part, Bidder to provide experienced Drilling Supervisors with 05 years experience in Offshore Drilling for round the clock supervision, coordination, execution of the drilling programmes.

4. General Information with supporting documents to be submitted:

To qualify for consideration, parties 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 (l). In addition, applicants must provide two clearly labelled (2) electronic copies (CD ROM) of the prequalification documents. Parties are requested to provide all details as desired in the EOI and no further clarifications will be sought from the parties. Parties failing to provide all information will be rejected.

- a) A separate section summarizing the contents chapter by chapter of the prequalification document.
- b) Party's name, general and organisation structure, including the branch / sub-division dedicated to such activities.

- c) Details of relevant verifiable experience of similar services that has been undertaken as main contractor in the last 5 (Five) years, inside or outside India e.g. PO/LOA with scope of work and contract cost of the executed work.
- d) Reference (including emails and telephone numbers) of major customer(s) that can be contacted for information / reference.
- e) Description and brief specifications of services offered.
- f) Resume of key personnel to be involved in the services with experiences in their respective position.

Interested Parties having relevant experience and expertise as above are invited to submit their EOI, complete with all documents as asked at our e-mail id: **oilkgbprojecteoi@gmail.com** within **21.10.2019**, followed by hard copies and two(2) clearly labelled electronic copies (CD ROM) of the same through courier/post super-scribing **“Expression of Interest No. KG-OSDSF-GSKW/2019/EOI-50** at the following address:

Executive Director (KGB&BEP)
OIL INDIA LIMITED,
D.No.11-4-7,
3rd Floor,
Nookalamma Temple Street,
Ramaraopeta,
Kakinada-533004, Andhra Pradesh.
Contact No: 0884-2302179.

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 our e-mail within above specified period.

The offer(s) should have clear indication whether the same meet the requisite experiences as mentioned in Pre-qualifying criteria.

Please note that this is not an invitation to tender. Full tendering procedure will be provided to the parties who have been successfully pre-qualified through this advertisement. Tender for the above service alongwith detailed Terms of Reference shall be sent to the parties shortlisted through this expression of interest and final selection of the party will be based on the competitive bidding procedure.
