



ऑयल इंडिया लिमिटेड
(भारत सरकार का उद्योग) पंजीकृत कार्यालय: मुनिवारण, असम
Oil India Limited
(A Government of India Enterprise) Registered Office: Duliagarh, Assam

**Materials Department
(Rajasthan Project)**

2A, Dist. Shopping Centre,
Saraswati Nagar
Jodhpur . 342 005
Rajasthan, India.
Phone -0291-2729472
Fax: 0291-2727050
Email: munin_konwar@oilindia.in

Date: 28.08.2015

Tender No. : CJG-8044-L16

For

Charter hire of 1 (one) drilling rig package with 1400 HP (Minimum) for drilling & completion of 1 (one) exploratory appraisal well in Rajasthan Project in NELP-VII Block: RJ-ONN-2005/2 and 3 (three) exploratory wells in KG Basin Project in NELP-VI: Block KG-ONN-2004/1, Andhra Pradesh, India for a period of 1 (one) year extendable by another 1 (one) year at the same rates, terms and condition.

Declaration:

SPECIAL NOTE TO THE TENDER

(A) The Tender document against tender no. CJG-8044-L16 have been addressed to 04 (four) Parties arising out of Expression of Interest (EOI). The other prospective and interested Parties may also participate in the tender subject to the following:

i) To forward their application for issue of Tender document along with documentary proof of meeting 'Bid Rejection Criteria' (**Part-2, Section-I of tender document**) to reach us within 10 days of publication of Tender at OIL's website. The application may also be sent to e-mail IDs: **munin_konwar@oilindia.in** and **pcmazumdar@oilindia.in**

(ii) The application must be complete in respect of meeting the qualifying criterion mentioned under Bid Rejection Criteria (BRC) as stipulated in this Tender.

(iii) The parties must note that if Oil India Limited (OIL) is satisfied with the documentary evidences (provided by the party) establishing them to be eligible for issuance of the subject tender, the tender documents will be issued to the eligible party (ies). However, if the documentary evidences submitted by the parties are not able to establish the eligibility of the party (ies) to the satisfaction of OIL, no further correspondence will be made/entertained against the subject tender.

(B) The last date of receipt of applications, complete in all respect is **10.09.2015**. It is to be noted by all concerned that no correspondence against the subject tender will be entertained after expiry of the schedule date i.e. **10.09.2015**. As indicated above, parties may send their complete applications (with scanned copies of documentary

evidences) through e-mail to the email IDs as mentioned vide (i) under para (A) above. The hardcopies of application must be received by OIL within **14.09.2015**, at the following address, without which their applications will not be considered.

**CHIEF MANAGER (M&C)
OIL INDIA LIMITED, RAJASTHAN PROJECT
02-A, DISTRICT SHOPPING CENTRE, SARASWATI NAGAR
BASNI, JODHPUR – 342005, RAJASTHAN**

(C) OIL will issue the User-Id and Password to the eligible parties after detailed scrutiny of the documents submitted by them. User-id and password will be issued through e-mail to the eligible parties and therefore, it is necessary that the parties must mention their valid e-mail IDs.

(D) To allow the bidder for participating in tender, the eligible bidders have to pay requisite tender fee on or before the end date i.e. **07-10-2015** as indicated in the tender documents uploaded in OIL's e-tender portal and Oilweb.

(E) No correspondence will be made if the parties are not found to be eligible for the subject tender as per the BRC.

(D) No request for extension of the above mentioned dates will be entertained.

OIL INDIA LIMITED
RAJASTHAN PROJECT
JODHPUR

TENDER

FOR

CHARTER HIRE OF ONE (01)
DRILLING RIG PACKAGE (1400 HP MINIMUM)
FOR
NELP-VII BLOCK: RJ-ONN-2005/2
IN RAJASTHAN
AND
NELP-VI BLOCK: KG-ONN-2004/1
IN ANDHRA PRADESH

TENDER NO. : CJG-8044-L16



ऑयल इंडिया लिमिटेड
(भारत सरकार का उद्योग) पंजीकृत कार्यालय: दुर्गाबाजार, असम
Oil India Limited
(A Government of India Enterprise) Registered Office: Duliajan, Assam

**Materials Department
(Rajasthan Project)**

2A, Dist. Shopping Centre,
Saraswati Nagar
Jodhpur . 342 005
Rajasthan, India.
Phone -0291-2729472
Fax: 0291-2727050

Email: munin_konwar@oilindia.in

Date: 28.08.2015

FORWARDING LETTER
Tender No. : CJG-8044-L16

Sub: Charter hire of 1 (one) drilling rig package with 1400 HP (Minimum) for drilling & completion of 1 (one) exploratory appraisal well in Rajasthan Project in NELP-VII Block: RJ-ONN-2005/2 and 3 (three) exploratory wells in KG Basin Project in NELP-VI : Block KG-ONN-2004/1, Andhra Pradesh, India for a period of 1 (one) year extendable by another 1 (one) year at the same rates, terms and condition.

1.0 OIL INDIA LIMITED (OIL), a NAVARATNA category Government of India Enterprise, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas with its Headquarters at Duliajan, Assam.

2.0 In connection with its drilling and exploration activities for hydrocarbon in its Project offices in Jodhpur, Rajasthan & Kakinada, Andhra Pradesh, OIL invites ONLINE International Competitive Bids (ICB) from competent and experienced Service Providers/Contractors for providing the above services under **Single Stage Two Bid System** through its e-Procurement site: <https://etender.srm.oilindia.in/irj/portal>

3.0 You are invited to submit your most competitive bid on or before the scheduled bid closing date and time. For your ready reference, few salient points (covered in detail in this Bid Document) are highlighted below:

IFB No./E-Tender No.	CJG-8044-L16
Type of Bid	Single Stage Two Bid System
Tender Fee	₹ 40,000.00 OR US\$ 620.00
Bid Closing Date & Time	14.10.2015 at 11.00 hrs (IST)
Bid Opening (Technical) Date & Time	14.10.2015 at 15.00 hrs (IST)
Bids to be addressed to	CHIEF MANAGER, M & C Department Oil India Limited, 2A, Saraswati Nagar, Jodhpur, Rajasthan, India, Pin Code: 342005
Bid Opening Place	CHIEF MANAGER, M & C Department

		Oil India Limited, 2A, Saraswati Nagar, Jodhpur, Rajasthan, India, Pin Code: 342005
However, the Bid must be uploaded online in OIL's E-procurement site.		
	Pre-Bid Meeting / Conference	11:30 hrs. (IST) on 23.09.2015 (At OIL's Office at Jodhpur)
	Amount of Bid Security	₹ 47,00,000.00 OR US\$ 73,000.00 (Non- interest bearing)
	Price Bid Opening Date & Time	Will be intimated to the eligible bidders nearer the time.
	Amount of Performance Security	7.5 % of 1 (one) year Contract Value
	Mobilization Time	90 days from the date of issue of Letter of Award (LOA).
	Liquidated Damage for timely Mobilization	Liquidated damages shall be applicable for default in timely Mobilization @ 0.5% per week of the total estimated contract value (including mobilization cost) for delay in mobilization per week or part thereof subject to maximum of 7.5%.
	Duration of Contract	The contract duration is for a period of 1 (one) year with a provision for extension for a further period of 1 (one) year at the same rates, terms and conditions.
	Integrity Pact	Must be digitally signed & uploaded along with the Technical Bid.

4.0 Tender Document will not be issued physically by the Company. The Bidders must pay non-refundable Tender Fee (PSUs and firms registered with NSIC/SME are exempted from payment of cost of Bid Documents provided they furnish evidence that they are registered for the above services) in the form of a Banker's Cheque/Demand Draft in favour of OIL INDIA LIMITED and payable at JODHPUR to the CHIEF MANAGER (M&C), OIL INDIA LIMITED, 2A, DISTRICT SHOPPING CENTRE, SARASWATI NAGAR, BASNI, JODHPUR-342005, RAJASTHAN (INDIA) on or before **07.10.2015** i.e., one week prior to the scheduled Bid Closing date & time. On receipt of Tender Fee as above, USER-ID and initial PASSWORD will be communicated to the bidder (through e-mail) and he/she will be allowed to participate in the tender through OIL's e-Procurement portal. Details of the NIT can be viewed using "USER-ID and initial PASSWORD" provided to the bidder. **USER-ID and PASSWORD are not transferable.** The link to e-procurement portal has also been provided through OIL's website www.oil-india.com.

4.1 Tender Fee may also be paid online up to one week prior to the bid closing date (or as amended in e-portal).

5.0 Bids (Technical Bid as well as Priced Bid) must be uploaded on-line through OIL's e-Tendering Portal up to 11:00 hrs (IST) (Server Time) on the bid closing date as mentioned. The Technical Bids will be opened on the same day at 15:00 hrs (IST) at the Office of CHIEF MANAGER, M & C Department, Rajasthan Project, OIL INDIA LIMITED, JODHPUR-342005, RAJASTHAN, INDIA in presence of authorized representative of the bidders. Priced / Commercial Bids of the technically qualified bidders only will be opened subsequently on a pre-determined date & time, which will be notified to all such bidders separately nearer the time.

5.1 However, if the above mentioned closing/opening day of the tender happens to be non-working day due to Bundh/Strike or any other reason, the bids will be received and opened on the following full working day at the same time.

6.0 **PRE-BID MEETING / CONFERENCE:** A Pre Bid Meeting is scheduled to be held on **23-09-2015 (Time: 11:30 Hrs. (IST))** at OIL's office in Jodhpur to clarify provisions of Bid Documents, if any. Bidder, desirous of attending the Pre-Bid Meeting, must submit authorization letter (Part-4, Proforma-D) at the time of Pre-Bid Meeting. The bidder is requested to submit their queries / questions / doubts by email / courier so as to reach Oil India Ltd. at following address at least 3 (three) days before the pre-bid meeting:

Chief Manager (M&C)
OIL INDIA LIMITED
2A, Saraswati Nagar, Jodhpur, Rajasthan
E-mail: pcmazumdar@oilindia.in

6.1 OIL shall make all efforts to respond to all the queries / clarifications during the Pre-Bid Meeting. A compiled list of such questionnaire shall be uploaded in the website of Oil India Ltd. for information of all concerned in www.oil-india.com as well as in the e-tender portal of OIL if required. All are requested to remain updated with the website. No separate reply / intimation shall be given elsewhere.

NOTE:

- i. Bidders are requested to fill all "Bid Response Sheets & Annexure" as enclosed in the Bid Document. Bidder must sign all the attachments of the Bidding Document.*
- ii. Bidder may depute their authorized representative to attend the "Un-priced Bid Opening". The eligible Bidder shall be informed the date & time for opening of their "Price Bid".*
- iii. Any change in bid after the "Due Date & Time" of Bid-Submission of bid is not allowed.*
- iv. Bidders are advised, in their own interest, to ensure that their bids are submitted well before the "Due Date & Time" of Bid-Submission of the bid document.*
- v. Bidder are required to submit their bids along with a covering letter under the firm's / company's letterhead specifying the name and designation of the*

authorized person signing the bid, complete postal address of firm / company, telephone no., fax no., e-mail ID, etc.

7.0 We now look forward to receiving your most competitive offer in line with the tender terms well within the bid closing date and time.

Thanking you,

Yours faithfully,
OIL INDIA LIMITED

(P.C.MAZUMDAR)
CHIEF MANAGER (M&C)
FOR HEAD-SERVICES
FOR EXECUTIVE DIRECTOR (RP)

Part-1
SECTION – I

INVITATION FOR BIDS

- 1.0 Oil India Limited (OIL) invites competitive ON-LINE Bids for the following services under Single Stage Two Bid System for its RAJASTHAN PROJECT & KG BASIN PROJECT (KAKINADA) through e-Procurement portal <https://etender.srm.oilindia.in/irj/portal>
- 1.1 Tender No. : CJG-8044-L16
- 1.2 Bid Closing Date & Time : 14.10.2015 (11:00 Hrs. IST)
- 2.0 **Description of Services:** Charter hire of 1 (one) drilling rig package with 1400 HP (Minimum) for drilling & completion of 1 (one) exploratory appraisal well in Rajasthan Project in NELP-VII Block: RJ-ONN-2005/2 and 3 (three) exploratory wells in KG Basin Project in NELP-VI : Block KG-ONN-2004/1, Andhra Pradesh, India for a period of 1 (one) year extendable by another 1 (one) year at the same rates, terms and condition.
- 3.0 Tender Document will not be issued physically by Company. USER-ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL's e-Procurement portal. Details of the NIT can be viewed using "Guest Login" provided in the e-procurement portal. **USER-ID and PASSWORD are not transferable.** The link to e-procurement portal has also been provided through OIL's website www.oil-india.com.
- 4.0 **Pre-Bid Conference:** A pre-bid conference to explain Company's exact requirements and to reply queries of Bidders, if any, on the tender stipulations will be held on **23.09.2015** at 11:00 hrs (IST) in OIL's Project Office at 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan. Maximum of two representatives of each bidder will be allowed to attend the pre-bid conference on producing authorization letter. Bidders interested to attend the Pre-Bid Conference should intimate Chief Manager (M&C), Oil India Limited, Jodhpur latest by **21.09.2014**.
- 5.0 OIL reserves the right to reject any/all bids and cancel the tender without assigning any reason whatsoever.

-: Please visit us at www.oil-india.com:-

(END OF SECTION – I)

Part-1

PART-I
SECTION – II

INSTRUCTIONS TO BIDDERS

1.0 Bidder shall bear all costs associated with the preparation and submission of bid. Oil India Limited, hereinafter referred to as Company, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

1.1 It is advisable that the bidder should carry out reconnaissance survey of the area for proper understanding and appreciation of its environmental and logistic issues before bidding.

A. BIDDING DOCUMENT / TENDER DOCUMENT

2.0 The services required, bidding procedures and contract terms are prescribed in the Bidding Documents.

2.1 The bidder is expected to examine all instructions, forms, terms and specifications in the Bid Document. Failure to furnish all information required as per the Bid Document or submission of a bid not substantially responsive to the Bid Document in all respect will be at the Bidder's risk & responsibility and may result in rejection of their bids.

3.0 AMENDMENTS TO BIDDING DOCUMENT:

3.1 At any time prior to the deadline for submission of bids, the Company may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Document through an Addendum.

3.2 The Addendum will be uploaded in OIL's e-Portal in the Technical RFX->> External Area->> under tab "Amendments". Prospective Bidders (to whom Company issues the USER-ID & PASSWORD), shall be intimated about the amendments through e-mail/fax/courier etc. The Company may, at its discretion, extend the deadline for bid submission, if the Bidders are expected to require additional time in which to take the Addendum into account in preparation of their bid or for any other reason.

B. PREPARATION OF BIDS

4.0 LANGUAGE OF BIDS:

The bid as well as all correspondence and documents relating to the bid exchanged between the Bidder and the Company shall be in English language, except that any printed literature may be in another language, provided it is accompanied by an English version which shall govern for the purpose of bid interpretation.

5.0 DOCUMENTS COMPRISING THE BID:

I. TECHNICAL BID

- (i) Complete technical details of the services and equipment specifications with catalogue, etc. as applicable.
- (ii) Documentary evidence establishing Bidder's eligibility as per BEC/BRC defined in **Part-2, Section-I**.
- (iii) Bid Security (scanned copy) furnished in accordance with Para 10.0 below.
- (iv) Statement of compliance as per **Part-2 of Section-I, Proforma - I**.
- (v) BOQ (Bid Format) as per **Part-2 of Section - I, Proforma - II without indicating the rates/prices**.
- (vi) Duly Signed **Integrity Pact** as per **Part-2 of Section - I, Proforma - III**.
- (vii) **Proforma - E of Part-4** showing the items to be imported, if any **without showing the CIF values** thereof.
- (viii) Proforma as required in Part-4 of the tender document.
- (ix) All other Annexure and Proforma as required in the Tender.

II. COMMERCIAL (PRICED) BID

- (i) Bid Form as per **Section-III in PART-3**.
- (ii) Price-Bid as per **Proforma-II, Section-I, in PART-2**.
- (iii) Estimated CIF value as per **Proforma - E of Part-4**

6.0 BID FORM:

The bidder shall complete the Bid Form (Section-III in PART-3) and the appropriate Price schedule furnished in the Bid Document.

7.0 BID PRICE:

- 7.1 Prices must be quoted by the Bidders online as per format available in OIL's E-Portal.
- 7.2 Prices quoted by the successful bidder must remain firm during its performance of the Contract and is not subject to variation on any account whatsoever.
- 7.3 Except Service Tax, all Duties and Taxes, including, Corporate Income Taxes and other levies payable by the successful bidder under the Contract for which this Bidding Document is issued, shall be included in the rates, prices and total Bid Price quoted by the bidder, and the evaluation and comparison of bids shall be made accordingly. For example, personal taxes and/or any corporate taxes arising out of the profits on the contract as per rules of the country shall be borne by the bidder.
- 7.4 **Customs Duty:** Since this tender is floated for availing services for the purpose of Petroleum Exploration in India in NELP Block for which licenses have been issued after 01.04.1999, the prevailing rate of Customs Duty towards import of equipment, spares and consumables etc. for execution of the contract is NIL as per Government policy presently in vogue. (Ref. Notification No. 21/2002-Customs dated 01.03.2002 and as amended vide Notification No. 26/2003-

Customs dated 01.03.2003) and 12/2012 dated 17.03.2012. Therefore, OIL INDIA LIMITED will issue Recommendatory Letters to enable the Contractor to obtain necessary Essentiality Certificates from DGH to facilitate duty free imports essential for execution of this contract. However, securing EC and payment of port rent, demurrage etc. will exclusively rest on the Contractor.

- 7.5 **Service Tax: The quoted price shall be exclusive of Service Tax. Service Tax as applicable shall be on Company's account.** However, liability for payment of the service tax in case of Indian bidder and overseas bidders having offices in India will lie on the Contractor, else in case of foreign bidders, the liability shall lie on the Company.

8.0 CURRENCIES OF BID AND PAYMENT:

- 8.1 A bidder expecting to incur its expenditures in the performance of the Contract in more than one currency, and wishing to be paid accordingly, shall so indicate in the bid. In such a case, the bid shall be expressed in different currencies and the respective amounts in each currency shall together make up the total price.
- 8.2 Indian bidders too can submit their bids in any currency (including Indian Rupees) and receive payment in such currencies at par with foreign bidders. However, currency once quoted will not be allowed to be changed.

9.0 DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS

As detailed in PART-2, Section-I.

10.0 BID SECURITY:

- 10.1 The **Original Bid Security** for the amount as specified in the "Forwarding Letter" must reach the office of Chief Manager (M & C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan, India before the scheduled Bid Closing Date and Time of the Tender, otherwise Bid will be rejected. Tender Number (CJG8044L16) and the Description of work must be clearly highlighted on the envelope containing the original Bid Security. A scanned copy of this document should also be uploaded along with the un-priced Technical Bid on e-portal.
- 10.2 Pursuant to Para 5.0 above, the Bidder during online submission of its bid shall furnish as part of its Technical un-priced Bid, Bid Security (scanned copy) in the amount as specified in the "Forwarding Letter".
- 10.3 The Bid Security is required to protect the Company against the risk of Bidder's conduct, which would warrant the security's forfeiture, pursuant to sub-para 10.8 below.
- 10.4 The Bid Security shall be denominated in the currency of the Bid or another freely convertible currency, and shall be in the following forms:-
- a) A bank guarantee or irrevocable Letter of Credit issued by a scheduled Indian bank or by a foreign bank through its Indian branch, in the form provided vide Proforma-A, PART-4 or another form acceptable to the Company and

valid for 30 days beyond the validity of the Bid. The bank guarantee/Letter of Credit should be so endorsed that it can be invoked at the issuing bank's branch located at Jodhpur (Rajasthan) India or alternatively at New Delhi, India.

- b) A Cashier's /Banker's Cheque or Demand Draft drawn on "OIL INDIA LIMITED" and payable at Jodhpur, Rajasthan (India).

10.5 Any Bid not secured in accordance with above-mentioned subparagraphs 10.1 to 10.4 will be rejected by Company as non-responsive, except those are exempted.

10.6 Unsuccessful Bidder's Bid Security will be discharged and/or returned immediately after finalisation of the Tender by Company or latest by within 30 days of expiry of the period of bid validity.

10.7 Successful Bidder's Bid Security will be discharged upon the Bidder's signing of the contract and furnishing the Performance Security.

10.8 The Bid Security will be forfeited:

- (a) If any Bidder withdraws their bid during the period of bid validity (including any subsequent extension) specified by the Bidder on the Bid Form, or
- (b) If a Successful Bidder fails:
 - i) To sign the contract within reasonable time and within the period of bid validity, and /or,
 - ii) To furnish Performance Security.
- (c) If the bidder furnishes fraudulent document in his bid.

10.9 In case any bidder withdraws their bid during the period of bid validity, Bid security will be forfeited and the party shall be debarred for a period of 2(two) years.

10.10 EXEMPTION FROM SUBMISSION OF BID SECURITY:

Central Govt. offices, Central Public Sector undertakings and firms registered with NSIC/SME (subject to furnishing proper evidence as per guidelines) are exempted from submitting Bid Security.

11.0 PERIOD OF VALIDITY OF BIDS:

11.1 Bids shall remain valid for 120 days after the date of bid opening prescribed by the Company.

11.2 In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing (by Fax or E-mail). A Bidder may refuse the request without forfeiting their Bid Security. A Bidder granting the request will neither be required nor permitted to modify their bid but shall arrange suitable validity extension of their bid security provided under para 10.0 above.

12.0 FORMAT AND SIGNING OF BID:

As the Bids are to be submitted ONLINE with digital signature, manual signature is not required

C. SUBMISSION OF BIDS:

13.0 ONLINE SUBMISSION :

- 13.1 The Bid should be submitted online up to 11:00 Hrs. (IST) (Server Time) on the date as mentioned herein i.e., on the scheduled Bid Closing Date. The Technical Bids will be opened on the same day at 15:00 Hrs. (IST) at the office of Chief Manager (M&C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan, India in presence of authorized representative of the bidder.
- 13.2 The Rates/Prices along with price related conditions should be filled online in the Price-Bid screen. All other techno-commercial documents other than the cost details to be submitted with un-priced bid as per tender requirement placed in the “un-priced” bid folder. No rate/price should be entered in Technical Bid, otherwise the offer will be rejected.
- 13.3 The Bid and all uploaded documents must be digitally signed by duly authorized representative of the bidding company using “Class 3” digital certificate [e-commerce application (Certificate with personal verification and Organization name)] as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.
- 13.4 The Bidder will be responsible for ensuring the validity of digital signature and its proper usage by their employee. The authenticity of above digital signature shall be verified through authorized CA after the bid opening. If the digital signature used for signing is not of “Class-3” with Organization name, the bid will be rejected.
- 13.5 The Tender is invited under SINGLE STAGE TWO-BID SYSTEM. Therefore, the Bidder has to submit both the “TECHNICAL” and “COMMERCIAL” bids through electronic form in OIL’s e-Tender Portal within the Bid Closing Date and Time stipulated in the e-Tender. Please ensure that the Techno-Commercial Bid is to be submitted as per Scope of Work & Technical Specifications along with all technical related documents related to the tender in the Technical RFx Response- > User - > Technical Bid only. The “TECHNO-COMMERCIAL UNPRICED BID” shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in Technical RFx Response Tab.
- 13.6 **Please note that no price details should be uploaded in Technical RFx Response Tab. Details of prices as per Price Bid format / Priced bid can be uploaded as Attachment in the attachment link below tendering text in the attachment option under “Notes & Attachments”. A screen shot in this regard is given below. Offer not complying with above submission procedure will be rejected.**

Please note that no price details should be uploaded in Technical RFx Response, otherwise the offer will be rejected.

Display RFx Response:

Edit | Print Preview | **Technical RFx Response** | Close | Withdraw | Verify

RFx Response Number 60006452 RFx Number TEST2 Status Submitted
 RFx Owner WIPRO_TEST1 Total Value 0.00 INR RFx Response Version

RFx Information | Items | Notes and Attachments | Conditions | Summary | Tracking

Basic Data | Questions

Event Parameters

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

Terms of Payment: 9010 90% against despatch+10% after receipt

Partners and Delivery Information

Details | Send E-Mail | Call | Clear

Function	Number	Name	Valid fr
The table does not contain any data			

Go to this Tab “**Technical RFx Response**” for Uploading “Techno-commercial Unpriced Bid”.

Go to this Tab “**Notes and Attachments**” for Uploading “Priced Bid” files.

On “EDIT” Mode- The following screen will appear. Bidders are advised to Upload “Techno-Commercial Un-priced Bid” and “Priced Bid” in the places as indicated above:

Edit RFx Response:

Submit | Read Only | Print Preview | Check | **Technical RFx Response** | Close | Save | Verify signature of Response | Sign Response

RFx Response Number 60006452 RFx Number TEST2 Status Withdrawn Submission Deadline 13.04.2013 11:00:00 INDIA
 RFx Owner WIPRO_TEST1 Total Value 0.00 INR RFx Response Version Number 2 RFx Version Number 5

RFx Information | Items | **Notes and Attachments** | Conditions | Summary | Tracking

Notes

Add | Clear

Assigned To	Category	Text Preview
Area for uploading Techno-Commercial Unpriced Bid*		

Attachments

Sign Attachment | Add Attachment | Edit Description | Versioning | Delete | Create Qualification Profile

Assigned To	Category	Description	File Name	Version	Processor	Checked
Area for uploading Priced Bid**						

The table does not contain any data

Bid on “EDIT” Mode

Note :

* The “Techno-Commercial Unpriced Bid” shall contain all techno-commercial details **except the prices.**

** The “Price bid” must contain the price schedule and the bidder’s commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on “Sign” to sign the file. On Signing a new file with extension **.SSIG** will be created. Close that window. Next click on Add Attachment, a browser window will open, select the **.SSIG** signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

SINGLE STAGE TWO BID SYSTEM shall be followed for this tender and only the PRICED-BIDS of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.

- 13.7 In Technical Bid Opening, only the **Technical RFX Response** will be opened. **Please do refer the User Manual provided on the portal on the procedure “How to create Response” for submitting offer.**

NB: All the Bids must be digitally signed using “Class-3” digital signature certificate with Organizations Name (e-commerce application) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.

- 13.8 The offer should contain complete specifications, details of services and equipment/accessories offered together with other relevant literature/catalogues of the equipment offered. A scanned copy of Bid Security as mentioned in Clause 10.0 should be submitted with the Techno-commercial un-priced Bid in Technical RFX->> External Area.

- 13.9 All the conditions of the contract to be signed with the successful bidder are given in various Sections of this document. Bidders to state their compliance to each clause of BRC in vide Statement of compliance as per Proforma-I of Section-I, Part-2 and the same should be uploaded with the techno-commercial un-priced bid.

14.0 **The Integrity Pact:**

OIL shall be entering into an Integrity Pact with the Bidders as per format enclosed vide as per Part-2 of Section – I, Proforma - III to the Tender Document. This Integrity Pact proforma has been duly signed digitally by OIL’s competent signatory. The proforma has to be returned by the Bidder (along with their Technical Bid) duly signed digitally by the same signatory who signed the bid i.e., who is authorized to sign the bid. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the Bidder shall be liable for rejection. Uploading the Integrity Pact with digital signature will be construed acceptance of all terms & conditions mentioned therein and that all pages of the Integrity Pact have been signed by the bidder’s authorized signatory who signs the Bid

- 14.1 OIL has appointed the following two persons as Independent External Monitors (IEMs) to oversee implementation of the Integrity Pact in OIL. Bidders may contact the Independent Monitors for any matter related to this Invitation for Bid (IFB) at the following addresses:

1. SHRI RAGHAW SHARAN PANDEY, IAS(Retd.),
e-Mail ID : rspandey_99@yahoo.com
2. SHRI RAJIV MATHUR, IPS(Retd.),
e-Mail ID : rajivmathur23@gmail.com

15.0 Rates/Prices must be quoted/maintained in the “online price schedule” only. OIL will consider the rates/prices quoted in the “online price schedule” only.

16.0 Timely submission of online bids is the responsibility of the Bidders. The Bid along with all annexure and copies of documents should be submitted in e-form only through OIL’s e-bidding engine. The Bid submitted in physical form against e-procurement tenders shall not be given any cognizance. However, the following documents should necessarily be submitted in physical form in sealed envelope. The Tender No. and the Date of Bid Closing/Opening must be prominently marked on the outer cover/envelope containing these documents and should be sent to Chief Manager (M & C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005 India so as to reach before the scheduled Bid Closing Date and Time of the Tender.

- (i) The Original Bid Security
- (ii) Other documents required to be submitted in original as per tender requirement, if any.

17.0 INDIAN AGENTS:

Foreign Bidders are requested to clearly indicate in their quotation whether they have an agent in India. If so, the bidder should furnish the name and address of their agent and state clearly whether the agent is authorized to receive any commission, particularly against this contract. Such commission, if payable any, must be included in the quotation of the bidder and to be clearly and categorically highlighted in the bids, which would be payable to Agent in non-convertible Indian currency by Company according to the Import Trade Regulation of India. Unless otherwise specified, it will be assumed that agency commission is not involved in the particular bid. Further, Bidders are requested to quote directly and not through their agents in India. Moreover, one Indian Agent cannot represent more than one foreign bidder against the tender. In case an Indian agent represents more than one foreign bidder against the tender, then Bids of such foreign bidders shall be rejected.

18.0 DEADLINE FOR SUBMISSION OF BIDS :

- 18.1 Bids must be uploaded online not later than 11:00 Hrs. (Indian Standard Time) on the bid closing date mentioned in the "Covering Letter". Bidders are requested to take note of this and arrange to submit their bids well within the deadline to avoid last minute rush/network problems.
- 18.2 No bid can be submitted/uploaded after the submission deadline is reached. The system time displayed on e-procurement web page shall decide the submission deadline.

19.0 EXTENSION OF BID SUBMISSION DATE/TIME:

- 19.1 Normally no request for extension of Bid Closing date & Time will be entertained by Company. However, in case of any change in the specifications, non-receipt of any offer, inadequate response or for any other reasons, Company may at its discretion or otherwise, extend the Bid Closing Date and/or Time.
- 19.2 In the event of receipt of Single Offer within Bid Closing date & Time, OIL reserves the right to extend Bid Closing Date and/or Time as deemed fit. During extension period bidders who have already submitted the bids on or before original Bid Closing date & Time shall not be permitted to revise their bid.

20.0 FORMAT OF BID SUBMISSION:

- 20.1 Bids to be submitted online at OIL's E-PORTAL. Detailed instructions are available in "USER MANUALS" in the E-PORTAL.

21.0 LATE BIDS:

Bidders are advised in their own interest to ensure that the bids are uploaded in the system well before the closing date and time of the bid. Company will not be responsible for any failure to upload the Bids due to last minute rush.

22.0 MODIFICATION AND WITHDRAWAL OF BIDS :

- 22.1 The Bidder after submission of bid may modify or withdraw its bid by written notice prior to the bid closing.
- 22.2 The Bidder's modification or withdrawal notice must be submitted in writing (either by fax/courier/registered post) so as to reach the office of Chief Manager (M & C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan, India before the deadline for submission of bids. Bidders may send these request letters to return their bids which they submitted earlier for modifications, if envisaged any prior to bid opening. The request should reach the office of Chief Manager (M & C), at least three (3) working days prior to the scheduled bid closing date. Once the earlier bid is returned by Company on request, Bidder can again upload their correct/revised bids within the stipulated bid closing date and time. Maintaining sufficient time gap to withdraw the earlier bids for modifications and to resubmit the bids after necessary corrections/ modifications within the scheduled bid closing date and time is the sole risk and responsibility of Bidder. Company shall not be responsible for any delayed delivery/late receipt of such requests/notices for whatsoever reasons.
- 22.3 No bid can be modified subsequent to the deadline for submission of bids. Post tender modification(s) of bid by any bidder within the period of its bid validity will lead to rejection of such offer and forfeiture of bidder's Bid security in full. Such modification (s) may also call for debarment of the bidder as mentioned above.
- 22.4 No bidder shall be permitted to withdraw their bid after its opening till expiry of bid validity including extended validity, if any. Such withdrawal will make the bidder liable to forfeit their Bid Security in full and be debarred them from participating against OIL's future tenders at the sole discretion of the Company and the period of debarment in no case shall be less than two (2) years.

23.0 BID OPENING AND EVALUATION

- 23.1 Company will open the Bids, including submission(s) made pursuant to para 22.0, in the presence of Bidder's representatives who choose to attend at the date, time and place mentioned in the Forwarding Letter. However, the Bidder's representative must produce an authorized letter from the bidder at the time of opening of tenders. Unless this Letter is presented, the representative will not be allowed to attend the opening of tenders. The Bidders' representatives who are allowed to attend the bid opening shall sign in a register evidencing their attendance. Only one representative against each bid will be allowed to attend.
- 23.2 Bid (if any) for which an acceptable notice of withdrawal has been received pursuant to para 22.2 shall not be opened. On opening the remaining bids Company will examine them to determine whether the same are complete, requisite Bid Securities have been furnished, documents have been properly signed and the bids are generally in order.
- 23.3 At bid opening, Company will announce the Bidders' names, written notifications of bid modifications or withdrawal, if any, furnishing of requisite Bid Security, rates/costs quoted and such other details as the Company may consider appropriate.
- 23.4 Company shall prepare, for its own records, minutes of bid opening including the information disclosed to those present in accordance with above sub-clauses.
- 23.5 To facilitate examination, evaluation and comparison of bids the Company may, at its discretion, ask the Bidder for clarifications of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.
- 23.6 Prior to detailed evaluation, the Company will determine the substantial responsiveness of each bid to the Bidding Document. For this purpose, a substantially responsive bid is one, which conforms to all the terms and conditions of the Bidding Document without material deviations or reservation. A materials deviation or reservation is one which effects in any substantial way the scope, quality or performance of work, or which limits in any substantial way, in consistent way with the bidding document, the Company's right or the bidder's obligations under the contract, and the rectification of which deviation or reservation would affect unfairly the competitive position of other bidders presenting substantial responsive bids. The Company's determination of bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidences.
- 23.7 A Bid determined as not substantially responsive will be rejected by the Company and cannot subsequently be made responsive by the Bidder through correction of the non-conformity.
- 23.8 The Company may waive minor informality or nonconformity or irregularity on a bid that does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

24.0 OPENING OF COMMERCIAL (PRICE) BIDS

- 24.1 Company will open the Price Bids (Commercial Bids) of the technically qualified Bidders only, on a specified date in presence of interested qualified bidders, if they attend. All such qualified Bidders will be intimated about the commercial bid opening date & time in advance.
- 24.2 The Company will examine the Price/rates quoted by the Bidders to determine whether they are complete, any computational errors have been made, the documents have been properly signed, and the bids are generally in order.
- 24.3 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price (that is obtained by multiplying the unit price and quantity) the unit price shall prevail and the total price shall be corrected accordingly. If any Bidder does not accept the correction of the errors, their bids will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

25.0 CONVERSION TO SINGLE CURRENCY:

While evaluating the bids, the closing rate of exchange (BC Selling market rate) declared by the State Bank of India on the day prior to price bid opening will be taken into account for conversion of foreign currencies into Indian Rupees for the purpose of comparison to ascertain inter-se- ranking of all qualified bidders. Where the time lag between the opening of the price bids and final decision exceeds three months, the rate of exchange declared by State Bank of India on the date prior to the date of final decision will be adopted for conversion.

26.0 EVALUATION AND COMPARISON OF BIDS:

The Company will evaluate and compare the bids as per Part-2, Section-I of the bidding document.

27.0 LOADING OF FOREIGN EXCHANGE:

There would be no loading of foreign exchange for deciding the inter-se-ranking of domestic bidders.

- 27.1 Exchange Rate Risk: Since Indian bidders are now permitted to quote in any currency and also receive payments in that currency, Company will not be compensating for any exchange rate fluctuations in respect of the services.
- 27.2 Repatriation of Rupee Cost: In respect of foreign parties, rupee payments made on the basis of the accepted rupee component of their bids, would not be repatriable by them. A condition to this effect would be incorporated by the Company in the contract.

28.0 CONTACTING THE COMPANY:

- 28.1 Except as otherwise provided in para 22.2 & 23.5 above, no Bidder shall contact Company on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

- 28.2 An effort by a Bidder to influence the Company officials in bid evaluation, bid comparison or Contract award decisions, may result in rejection of their bid.

D. AWARD OF CONTRACT

29.0 AWARD CRITERIA:

The Company will award the Contract to the Contractor whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

29.1 COMPANY'S RIGHT TO ACCEPT OR REJECT ANY BID:

Company reserves the right to accept any bid and to reject any or all bids and/or to annul the bidding process in entirety, at any time prior to award of contract, without thereby incurring any liability to the affected bidders or any obligation to inform the participating bidders of the ground for Company's action.

30.0 NOTIFICATION OF AWARD:

- 30.1 Prior to the expiry of the period of bid validity or extended validity, the Company will notify the successful Bidder in writing by registered letter or by fax or e-mail (to be confirmed in writing by registered / courier letter) that his bid has been accepted.

- 30.2 The notification of award will constitute formation of the Contract.

- 30.3 Upon the successful Bidder's furnishing of Performance Security pursuant to Clause 31.0 herein below, the Company will promptly discharge the Bid Securities of all un-successful Bidders, pursuant to Clause 10.0 hereinabove.

31.0 PERFORMANCE SECURITY:

- 31.1 Within 15 (fifteen) days of receipt of notification of award from the Company, the successful Bidder shall furnish to Company the Performance Security for an amount (7.5% of one year contract cost) specified in the Covering Letter and in the Letter of Award (LOA) issued by Company as per Proforma-B (Part-4) or in any other format acceptable to the Company and must be in the form of Bank Guarantee (BG) or an irrevocable Letter of Credit (L/C) from any of the following Banks:

- i) Any Nationalised / Scheduled Bank in India OR
- ii) Any Indian branch of a Foreign Bank OR
- iii) Any reputed foreign Bank having correspondent Bank in India

The Performance Security shall be denominated in the currency of the Contract or in equivalent US Dollars converted at the B.C. Selling rate of State Bank of India on the date of issue of LOA (Letter of Award). Bank Guarantees issued by Banks in India should be on non-judicial stamp paper of requisite value, as per Indian Stamp Act, purchased in the name of the Banker.

- 31.2 The performance security specified above must be valid for six (06) months beyond the expiry date of the contract to allow Company to lodge claim, if any. The same will be discharged by Company not later than 30 days following its expiry. In the event of extension of contract, subsequent to expiry of validity of the original contract period, Contractor shall have to enhance the value of the performance security to cover 7.5% of contract value for the extended period and also to extend the validity of the performance security accordingly.
- 31.3 Failure of the successful bidder to comply with the requirements of para 31.1 or 31.2 above shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security.

INVOCATION OF PERFORMANCE BANK GUARANTEE

- 31.4 In the event of Contractor failing to honour any of the commitments entered into under the contract and/or in respect of any amount due from Contractor to Company, Company shall have an unconditional option under the guarantee to invoke the Performance Bank Guarantee and claim the amount from Bank.
- 31.5 Company will have the right to invoke the Performance Bank Guarantee in case the Contractor fails to mobilise the Equipment, tools and personnel etc. within the stipulated period irrespective of any reasons whatsoever.

32.0 SIGNING OF CONTRACT:

- 32.1 At the same time as the Company notifies the successful Bidder that its Bid has been accepted, the Company will either call the successful Bidder for signing of the agreement or send the Contract Form provided in the Bid Documents, along with the General & Special Conditions of Contract, Technical Specifications, Schedule of Rates incorporating all the agreements between the parties.
- 32.2 Within 30 days of issue of LOA, the successful Bidder shall sign and date the Contract and return it to the Company. Till the Contract is signed, the LOA issued to the successful bidder shall remain binding on the parties.
- 32.3 In the event of failure on the part of the successful Bidder to sign the Contract within the period specified above or any other time period specified by Company, the Company reserves the right to terminate the LOA issued to the successful Bidder and invoke the Bid Security or the Performance Security if submitted by the successful Bidder. The party shall also be debarred for a period of 2(two) years from the date of default.

33.0 SITE VISIT:

The Bidders, at their own cost, responsibility and risk are encouraged to visit and examine the site of work and its surroundings to understand the logistics and obtain all information that may be necessary for preparing the Bid and entering into a Contract for the required services/work.

The Contractor shall be deemed prior to submitting their Bid to have:

- a) Inspected and examined the Site and its surroundings and carried out such

surveys as it considers necessary;

- b) Satisfied itself as to the nature of the work and materials necessary for the execution of the Works;
- c) Satisfied itself as to the circumstances at the Site, including, without limitation, the ground and sub-soil, the form and nature of the Site and the climate and hydrological conditions of the Site;
- d) Satisfied itself as to the means of communication with and access to & through the Site, the accommodation it may require and the precautions and the times and methods of working;
- e) Obtained for itself all necessary information as to the risks, contingencies and all other circumstances, which may influence or affect the Contract price and its obligations under the Contract;
- f) Satisfied itself with all the Indian as well as local conditions, factors and legislation which may have any effect on the execution of the work covered under the Bid Document;
- g) Ascertained the general labour position at the Site and have understood the cost associated with engagement of the labour.

34.0 BACKING OUT BY BIDDER: In case any bidder withdraws their bid within the bid validity period, Bid Security will be forfeited and the party will be debarred for a period of 2 (two) years.

35.0 BACKING OUT BY L-1 BIDDER AFTER ISSUE OF LOA: In case LOA issued is not accepted by the L1 bidder or the Performance Security is not submitted as per the terms of the contract within the time specified in the Bid Document, the Bid Security shall then be forfeited and the firm shall be debarred for 2 (two) years from the date of default.

36.0 FURNISHING FRAUDULENT INFORMATION/DOCUMENTS:

If it is found that a bidder/contractor has furnished fraudulent information/documents, the Bid Security/ Performance Security shall be forfeited and the party shall be debarred for a period of 3 (three) years from the date of detection of such fraudulent act besides the legal action.

37.0 CREDIT FACILITY:

Bidders should indicate clearly in the bid about availability of any credit facility inclusive of Government to Government credits indicating the applicable terms and conditions of such credit.

38.0 SPECIFICATIONS: Before submission of Bids, Bidders are requested to make themselves fully conversant with all Conditions of the Bid Document and other relevant information related to the works/services to be executed under the Contract.

39.0 MOBILIZATION ADVANCE PAYMENT:

- 39.1 Request for advance payment shall not be normally considered. However, depending on the merit and at the discretion of the Company, advance against mobilisation charge may be given at an interest rate of 1% above the prevailing Bank rate (CC rate) of SBI from the date of payment of the advance till recovery/refund. However, any mobilization advance shall be given in two phases – 50% of mobilization charges before shipment of materials, equipment & tools etc. and rest 50% after the shipment are completed.
- 39.2 Advance payment agreed to by the Company shall be paid only against submission of an acceptable bank guarantee whose value should be equivalent to the amount of advance plus the amount of interest covering the period of advance. Bank guarantee shall be valid for 2 months beyond completion of mobilisation and the same may be invoked in the event of Contractor's failure to mobilise as per agreement.
- 39.3 In the event of any extension to the mobilisation period, Contractor shall have to enhance the value of the bank guarantee to cover the interest for the extended period and also to extend the validity of bank guarantee accordingly.

40.0 LOCAL CONDITIONS:

It is imperative for the Bidders to fully inform themselves of all Indian as well as local conditions, factors and legislation which may have any effect on the execution of the work covered under the Bid Document. The bidders shall be deemed prior to submitting their bids to have satisfied themselves of the all aspects covering the nature of the work as stipulated in the Tender and obtain for themselves all necessary information as to the risks, contingencies and all other circumstances, which may influence or affect the various obligations under the Contract.

No request will be considered for clarifications from the Company (OIL) regarding such conditions, factors and legislation. It is understood and agreed that such conditions, factors and legislation have been properly investigated and considered by the Bidders while submitting the Bids. Failure to do so shall not relieve the Bidders from responsibility to estimate properly the cost of performing the work within the provided timeframe. Company (OIL) will assume no responsibility for any understandings or representations concerning conditions made by any of their officers prior to award of the Contract. Company (OIL) shall not permit any Changes to the time schedule of the Contract or any financial adjustments arising from the Bidder's lack of knowledge and its effect on the cost of execution of the Contract.

(END OF SECTION – II)
(End of Part – 1)

Part-2
SECTION-I

BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)

I) BID REJECTION CRITERIA (BRC): The bid shall conform generally to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.

A) TECHNICAL:

The bidder must meet the following criteria failing which offer shall be rejected:-

1.0 DRILLING RIG

1.1 The bidder shall be in possession of the rig offered either owned or leased. In case the bidder is not in possession of the rig at the time of submission of bid, they may offer a rig for which they have an agreement for lease /buy.

1.1.1 Identification of rig

- i) All the bidders are required to identify the rigs at the time of submission of bid with documentary proof thereof, confirming availability of the rig for this Contract.
- ii) In case owner of the rig himself is the bidder, the certificate confirming availability of the rig for this Contract, shall be furnished by owner himself.
- iii) In case of leased rig/ proposed purchase of rig, the bidders who do not own the rig at the time of submission of bid, are required to submit along with un-priced bid, i.e. Techno-commercial bid, the original Memorandum of Understanding/ Agreement of lease/ purchase of rig, concluded with the owner of the rig, especially for this Tender, with documentary proof of ownership of the rig in the form of registration certificate of the rig as applicable. The above MOU/ Agreement must be valid through validity of the bid. In case of leased rig, the successful bidder shall be required to keep the MOU/ Agreement valid for the period of the Contract and any extension thereof.
- iv) Bidder may identify more than one rig against tender requirement, giving complete technical details for evaluation along with copy of MOU/ Agreement for this Tender. Bidders will have to mobilize the rig out of these identified rigs, which are found acceptable to the Company.
- v) Bidder would not be allowed to substitute the rig once offered by them in their bid during the period of bid validity. If more than one rig is offered by a bidder, all the rigs would be techno-commercially evaluated. The bidder can mobilize any one of the rigs found techno-commercially acceptable by the Company but the name of the rig to be mobilized by the bidder would have to be furnished by them within 15 days of issue of letter of award.
- vi) Offers with identified Rigs but with the condition “subject to availability” may be considered for techno-commercial evaluation. The bidders, however, shall have to

confirm the availability of the rig at least one (1) week prior to price bid opening. The date of price bid opening will be intimated to the bidder subsequently. Bidders, who fail to confirm availability of the rig, will not be considered for price bid opening and would not be considered for award of Contract also.

1.2 The horsepower rating of the rig offered shall be minimum 1400 HP. Further, the rig offered shall be Diesel Electric AC-SCR /AC VFD; having self-elevating mast and sub-structure, as per API standard and also suitable for cluster location (1 + 1 Well). The detail of the rig is given in Section-II Part-3 in Bid Document. Spacing between wells at surface on cluster well plinth is 18 m (approx). Bidders must confirm compliance of the same.

1.3 The Drilling Rig unit offered shall have a residual life of minimum 5 (five) years as on the bid closing date of the Tender. The bidder's declaration on the present condition of the offered Drilling Rig unit and its residual life along with a certificate issued by an internationally reputed inspection and certification agency listed in Para 1.4 below to this effect shall be submitted along with Techno commercial bid. The certificate shall clearly indicate the residual life broadly of the mast & substructure, all engines, draw-works, rotating and reciprocating system, hoisting system, mud pumps, tackle system, AC/SCR OR AC/VFD PCRS, BOPs, choke & kill manifold, service engine, motors and pumps.

In case offer is made for a brand new rig the certificate for residual life is not necessary. But Manufacturer's certificates for major rig components are to be furnished before rig mobilization.

1.4 The inspection and certification shall be done by any of the following inspection agency for inspection of the rig and the cost of the third party inspection will be borne by the bidder.

- (a) DNV
- (b) ABS
- (c) BV
- (d) LLOYDS
- (e) Oilfield Audit Services Inc. (OAS)
- (f) Tuboscope Vetco.

1.5 The rig shall be capable of fulfilling "Scope of Work" and conforming to the technical specification as laid down in the bid document.

1.6 Bidders who have been penalized 7.5% of their contract value to OIL in the form of Liquidated Damage due to their failure for timely mobilization of the drilling rig shall not be considered.

1.7 Offers indicating mobilisation time more than 90 days from the date of issuance of Letter of Award (LOA) will be summarily rejected.

2.0 EXPERIENCE

2.1 The bidder shall have experience of providing Rig package services with its own in-house rigs or with leased rig and must fulfil the following criteria:

- a) The bidder shall have Corporate experience in providing the Drilling Rig Package Services with in-house/leased rigs to E&P / Oil companies for last **5 (Five) years** reckoned from the Bid Closing Date of this tender.
- b) Experience of drilling minimum 03 (three) nos. Oil/Gas wells in last 5 (five) years reckoned from Bid Closing Date out of which at least one well must be of the drilled to a depth of 4200 M (TVD).
- c) Key personnel having minimum 3 (three) years of experience in respective position reckoned from issue of this tender. Key Personnel (Driller and above) shall have valid well control certificate (IWCF) in appropriate level, as required.
- d) Must have established Health, Safety, Security and Environment Management System and sound track record (to be submitted valid document with bid).
- e) Average annual financial turnover during the last 3 accounting years shall be minimum Rs 14.00 Crores (USD 2.25 Million)

2.2 Details of experience and past performance of the bidder or its technical collaborator and of the consortium partners, on works/ jobs done of similar nature in the past are to be submitted along with the un-priced bid, in support of experience laid down at Para 2.1 above. (Similar nature means providing the Drilling Rig Package Services with crews)

2.3 In case, the bidder is a consortium of companies, the following requirement shall be satisfied by the bidder:

- (a) The leader of consortium shall satisfy the experiences criteria of Clause 2.1 above. However, any one of the consortium members individually shall have to meet the financial turnover criteria as mentioned in Clause 2.1(e) above
- (b) The Leader of consortium shall confirm unconditional acceptance of full responsibility of executing the 'Scope of Work' of this bid document. This confirmation shall be submitted along with the un-priced bid.
- (c) All the members of consortium must undertake in their MOU that each party shall be jointly and severally liable to the Company for any and all obligations and responsibilities arising out of this Contract.
- (d) MOU/ Agreement concluded by the bidder with consortium partners, shall also be addressed to the Company, clearly stating that the MOU/ Agreement is applicable to this Tender and shall be binding on them for the Contract period. In the MOU, the leader of the consortium shall confirm unconditional acceptance of full responsibility of executing the 'Scope of Work'.
- (e) Only the Leader of the consortium shall submit bid and sign the contract agreement (in the event of award of contract) on behalf of the consortium.
- (f) The Bid Security shall be in the name of the Leader of the consortium on behalf of consortium with specific reference to consortium bid and name & address of consortium members. Similarly the Performance Security shall be in the name of the Leader on behalf of the consortium

2.4 Eligibility criteria in case bid is submitted on the basis of technical experience of the parent/ subsidiary company:

Offers of those Bidders who themselves do not meet the technical experience criteria as stipulated in the BEC can also be considered provided the Bidder is a subsidiary company of the parent company in which the parent company has 100% stake or parent company can also be considered on the strength of its 100% subsidiary. However, the parent/ subsidiary company of the Bidder shall on its own meet the technical experience as stipulated in the BEC and shall not rely for meeting the technical experience criteria on its sister subsidiary/ co-subsidiary company or through any other arrangement like Technical Collaboration agreement. In that case as the subsidiary company is dependent upon the technical experience of the parent company or vice-versa with a view to ensure commitment and involvement of the parent/ subsidiary company for successful execution of the contract, the participating bidder shall enclose an Agreement (as per format enclosed at Attachment – I of Part-4) between the parent and the subsidiary company or vice-versa and Parent/ Subsidiary Guarantee (as per format enclosed at Attachment-II of Part-4) from the parent/ subsidiary company to OIL for fulfilling the obligation under the Agreement, along with the techno-commercial bid.

2.5 Eligibility criteria in case bid is submitted on the basis of technical experience of sister subsidiary/ co-subsidiary company:

Offers of those bidders who themselves do not meet the technical experience criteria stipulated in the BEC can also be considered based on the experience criteria of their sister subsidiary/ co-subsidiary company within the ultimate parent/ holding company subject to meeting of the following conditions:-

- i. Provided that the sister subsidiary/ co-subsidiary company and the bidding company are both 100% subsidiaries of an ultimate parent/ holding company either directly or through intermediate 100% subsidiaries of the ultimate parent/ holding company or through any other 100% subsidiary company within the ultimate/ holding parent company. Documentary evidence to this effect to be submitted by the ultimate parent/ holding company along with the techno-commercial bid.
- ii. Provided that the sister subsidiary/ co-subsidiary company on its own meets and not through any other arrangement like Technical Collaboration agreement meets the technical experience criteria stipulated in the BEC.

Provided that with a view to ensure commitment and involvement of the ultimate parent/ holding company for successful execution of the contract, the participating bidder shall enclose an agreement (as per format enclosed at Attachment – III of Part-4) between them, their ultimate parent/ holding company and the sister subsidiary/ co-subsidiary company.

- iii. In case of contracts involving multifarious activities such as – (a) manufacturing/ supply (b) installation and commissioning (c) servicing and maintenance of any equipment, then in that case, the bidding company can draw on the experience of their multiple subsidiary sister company (ies)/ co-subsidiary company (ies) specializing in each sphere of activity, i.e. (a) manufacturing/ supply (b) installation and commissioning (c) servicing and maintenance. However, all the sister subsidiary company (ies)/ co-subsidiary company (ies) and the bidding company shall be 100% subsidiary company (ies) of an ultimate parent/ holding company either

directly or through intermediate 100% subsidiaries of the ultimate parent/ holding company or through any other 100% subsidiary company within the ultimate/ holding parent company. Documentary evidence to this effect that all the sister subsidiary company (ies) are 100% subsidiaries of the ultimate/ holding parent company shall be submitted along with the techno-commercial bid.

3.0 The bidder must confirm to provide the key personnel with requisite experience and qualification as specified in Part-3 of the Bid Document. Rig Superintendent, Tool Pusher, Tour pusher and Driller shall possess requisite valid International Well Control (IWCF) certificate in appropriate level and shall be fluent in English.

4.0 The Bidder must confirm to provide complete rig package as specified in Part-3 of the Bid Document failing which, the bid may be rejected.

5.0 DOCUMENTS

Bidders must furnish documentary evidences with the specific chapters, separated by dividers, in the same order as set out here below (a) to (j) in support of fulfilling all the requirements:

- a) Rig offered – documents relating to rig already in possession or propose to own / lease along with description and technical specifications / details.
- b) MOU/ Agreement concluded with technical collaborator/consortium partners along with the Techno-commercial bid.
- c) Residual life of the offered rig as per Para 1.3 above.
- d) Experience of bidder– Statement to be furnished by bidder in a tabular form indicating:
 - i) Copies of contracts/ work orders/ completion certificates/ payment certificates issued by the clients/ Job Logs endorsed by operator/ any other documentary evidence that can substantiate the satisfactory execution of the contracts.
 - ii) E-mails and telephone numbers of three major customers that can be contacted for information / reference.

Note: As a proof of having corporate experience and work experiences as indicated in 2.0 above, the Bidder shall provide documentary evidence (viz. well details, Pressure & Temperature of the wells, well locations, client's name with contact details, completion certificates from client/ Copies of contract/ Work orders/ Job logs endorsed by operator/ any other documentary evidence that can substantiate the satisfactory execution of the contracts) showing details of scope of work for the services are to be provided.

- e) Financial turnover of bidder– Audited balance sheets / profit and loss accounts etc. for the past three (3) years. In case the audited Balance sheet and Profit Loss Account along with the bid are in currencies other than INR or USD, the bidder shall have to convert the figures in equivalent INR or USD considering the prevailing conversion rate on the date on which the audited Balance sheet and Profit and Loss Account is signed.
- f) Bidder's general structure and organisation, including the branch / sub-division dedicated to such activities.

- g) Details of bidder's Health, Safety and Environmental Policy and Programme together with HSE Management System.
- h) Resume of key personnel to be involved in the services with experience in their respective position.
- i) Copy of current IADC certificate (Bidders must be registered with IADC).
- j) The bidder shall submit the lay-out drawing of the offered rigs and drawing indicating hard standing areas, foundation design and detailed working drawing and Load Bearing Diagram in the Technical bid.

Bid without the listed documents or information shall be liable for rejection.

6.0 Bid from any bidder having collaboration/JV agreement with Party (ies), who have been debarred by OIL will be straightway rejected.

B. COMMERCIAL – BID SUBMISSION

1.0 Bids are invited under Single Stage Two Bid System i.e. Technical Bid (Un-priced) and Commercial Bid (Priced) separately. Bidders must submit both "Technical" and "Commercial" Bids in electronic form through online OIL's e-Tender portal accordingly within the Bid Closing Date and time stipulated in the e-Tender. The technical Bid is to be submitted as per Scope of Work & Technical Specifications of the tender in **Technical RFX Response Tab** and the Price Bid as per the **Price Bid Format under Notes and Attachment Tab**. Any offer not complying with the above will be rejected straightway.

2.0 In Technical Bid opening, only the **Technical RFX Response Tab** will be opened. Therefore, the bidder should ensure that Technical Bid is uploaded in the **Technical RFX Response->User->Technical Bid Tab** Page only. No price should be given in above **Technical RFX Response Tab**; otherwise the offer will be rejected. Please go through the help document provided in OIL's e-Portal, in details before uploading the documents.

3.0 Price Bid Format in the form of MS-Excel sheet has been uploaded in e-Tender portal. Bidder should upload their price bid under Notes and Attachment and as per the format provided.

4.0 Prices and rates quoted by Bidders must be held firm during the term of the contract and not be subject to any variation. Bids with adjustable price terms will be rejected.

5.0 Bid Security in original must reach the office of **Chief Manager (M & C), Oil India Limited, Rajasthan Project, 2A, District Shopping Center, Saraswati Nagar, Basni, Jodhpur – 342 005**, Rajasthan, India, on or before the bid opening date and time, otherwise, bid will be rejected. However, timely delivery of the Bid-Security to the Office of Chief Manager (M&C) is the sole responsibility of the bidder. The amount of Bid Security shall be as specified in the "Forwarding Letter". Scanned copy of this Bid Security should also be submitted / uploaded online along with the un-priced (Technical) Bid. Public Sector Undertakings and Firms registered with NSIC/Directorate of Industries in India are exempted from submission of bid security

against this tender. Bid security must be valid for **30** days more than the validity of bid. Bids with Bid security not having above minimum validity will be rejected.

Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.

If bid security in ORIGINAL of requisite Amount (please refer Forwarding Letter) and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.

In case of extension of Bid Closing date against the tender where a bidder has already submitted his bid with requisite bid security validity within the original B.C. Date, such bidders will extend validity of bid security covering the extended period of the bid closing date.

6.0 Bids received in physical form, but not uploaded in OIL's e-Tender Portal will be rejected

7.0 Bidders must quote rates in accordance with the price schedule outlined in **PRICE BID FORMAT (PROFORMA-II)**, otherwise the Bid will be rejected. The Bids in which the rates for any part of the work are not quoted shall be rejected. However, if no charge is involved for any of the work/item, '**NIL**' should be mentioned against such part of work.

8.0 Bids received by Company after the Bid Closing Date and Time will be rejected.

9.0 The User ID and Password issued by the Company are not transferable. Offers made by bidders who have not been issued User ID/password and permitted to quote will be rejected.

10.11 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.

11.0 Bids must be kept valid for a minimum period of 120 days from the date of scheduled bid closing. Bids with inadequate validity will be rejected.

12.0 The Bids and all uploaded documents must be digitally signed using "Class 3" digital certificate [e-commerce application (Certificate with personal verification and Organization name)] as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.

13.0 There must be no exception to the following Clauses including sub-clauses; otherwise the Bid will be rejected:

- Bid Security Clause
- Performance Security Clause
- Tax liabilities Clause
- Insurance Clause
- Force Majeure Clause
- Termination Clause
- Arbitration Clause

- Withholding Clause
- Applicable Law Clause
- Liquidated Damages & Penalty Clause
- Safety & Labour Law

C. GENERAL

1.0 The compliance statement (PROFORMA – I) should be fully filled up and should form a part of technical bid. In case bidder takes exception to any clause of tender document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exceptions/deviations if the bidder does not withdraw/modify the same when/as advised by the Company. The loading so done by the Company will be final and binding on the bidders.

2.0 To ascertain the substantial responsiveness of the bid the Company also reserves the right to ask the bidder for clarifications in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the Company, failing which the offer will be summarily rejected.

3.0 If any of the clauses in the BRC contradicts with other clauses of Bid Document elsewhere, then the clauses in the BRC shall prevail.

4.0 Any exception or deviation to the tender requirements must be tabulated in PROFORMA-I of this section by the Bidder in their Technical Bid only. Any additional information, terms or conditions included in the Commercial (Priced) Bid will not be considered by OIL for evaluation of the tender.

5.0 The Integrity Pact Proforma (PROFORMA-III) must be returned by the bidder (along with the Technical Bid) duly signed digitally by the same signatory who signs the Bid.

Bid not accompanied by the Integrity Pact Proforma duly signed digitally shall be liable for rejection.

5.0 The Company also reserves the right to cancel/withdraw the Tender or annul the bidding process at any time prior to award of contract, without thereby incurring any liability to the bidders or any obligation to inform the bidders of the grounds for Company's action. The bidder must confirm their acceptance to this clause in their respective bids.

6.0 Bidders shall bear, within the quoted rates, the personal tax as applicable in respect of their personnel and Sub-Bidder's personnel, arising out of execution of the contract.

7.0 Bidders shall bear, within the quoted rate, the corporate tax as applicable on the income from the contract.

II. BID EVALUATION CRITERIA (BEC)

1.0 The bids conforming to services required, technical specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to Bid Rejection Criteria will only be considered for further evaluation as per Bid Evaluation Criteria.

2.0 The Bids shall be technically evaluated based on the requirements given in Section – IV (Scope of works / Terms of Reference) of Part-3. The various requirements including personnel to be deployed by the bidder should meet the tender terms given in the bid document.

3.0 Price Bids of only the technically qualified bidders will be opened on a predetermined date and the same will be evaluated taking in to account the sum total cost of all components quoted by the bidders as per Price Bid Format (PROFORMA – II) and the contract will be awarded to the lowest evaluated bidder.

4.0 Arithmetical errors, if any, in the price bids will be rectified on the following basis. “If there is a discrepancy between the Unit Rate and Total Amount (that is obtained by multiplying Unit Rate with Quantity), the unit rate shall prevail and the total amount shall be corrected accordingly. Similarly, if there is a discrepancy between words and figures, the amount quoted in words will prevail. Any bidder who does not accept the said correction procedure, their bid will be rejected.”

5.0 The Contract will be signed by the successful bidder for one (01) year of operation with provision for extension of another one (01) year. Depending on the performance of the Bidder, the Company reserves the right to extend the Contract for another one (01) year or part thereof under the same rate, terms and conditions. However, Bids will be evaluated Rig-wise on total cost for twelve months of operation only as per BEC.

6.0 If more than one Rig is offered by a bidder with different prices, the Rigs would be techno-commercially evaluated rig-wise.

7.0 In case a bidder quotes same prices for more than one Rig, the bidder, if Contract awarded, can mobilize any of the Rigs found technically acceptable. However, the successful bidder shall have to confirm the Rig to be mobilized by them within 15 days of issue of Letter of Award (LOA).

8.0 Bidders shall note the following:

(a) Payment towards mobilization of the rig package shall not exceed 10% of the contract value. Payment towards demobilization charge of the rig package shall be limited to 7.5% of the contract value.

(b) Payment towards Standby Day Rate shall not exceed 90% of the Operating Day Rate.

(c) Payment towards Repair Day Rate shall not exceed 60% of Operating Day Rate.

(d) Payment towards Force Majeure Day Rate shall not exceed 50% of Operating Day Rate.

(e) Payment towards stack day rate shall not exceed 60% of the Operating Day Rate

Note: The Bidder has to re-export the complete rig package after completion of the contract in case of imported rig. The Bidder will be fully responsible to pay the customs duty in case the rig is taken by the Bidder afterwards to area where NIL customs duty benefit is not applicable.

9.0 It is, however, to be clearly understood that the assumptions made in respect of the number of days/parameters for various operations are only for the purpose of evaluation of the bid and the Bidder shall be paid on the basis of the actual number of days/parameter, as the case may be.

10.0 The quantities shown against each item in the "Price Bid Format (i.e. in Proforma-II)" shall be considered for the purpose of Bid Evaluation. It is, however, to be clearly understood that the assumptions made in respect of the number of days/parameters for various operations are only for the purpose of evaluation of the bid and the Bidder will be paid on the basis of the actual number of days/parameter, as the case may be.

11.0 The bidders must quote their charges/rates in the manner as called for vide "Schedule of Rates" and summarized price schedule format vide enclosed Proforma -II.

12.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made subject to loading for any deviation. Commercial Bids shall be evaluated taking into account the rates quoted in the PRICE BID FORMAT as per Proforma – II.

13.0 Customs Duty: No customs duty is considered for evaluation of the offers since imports under this contract are presently exempted from payment of custom duty as the proposed drilling activity shall be carried out in NELP Blocks of Rajasthan and KG Basin, Andhrapradesh.

14.0 Granting of Price Preference to Domestic Bidders (applicable to ICB tenders only)

Domestic bidders would be entitled to a price preference up to ten percent (10%) over the lowest acceptable (evaluated) foreign bid subject to value addition. For ensuring value addition and eligibility for price preference, domestic bidders should provide all evidence necessary to prove that they meet the following criteria:

- (a) Be registered within India
- (b) Have majority ownership by Nationals of India
- (c) Not sub-contract more than 50% of the works measured in terms of value, to foreign contractors.

For meeting the criteria at (c) above, domestic bidders should obtain a certificate in original from practicing Statutory Auditor engaged by them for auditing their annual accounts, which could establish that not more than 50% of the works measured in terms of value has been sub-contracted to foreign contractors. The original certificate indicating various sub-contracting details in percentage terms as well as in absolute value should be submitted in the priced bid. However, a copy of the Statutory Auditor's certificate indicating various sub-contracting details in percentage terms only and with price details should be submitted in the un-priced bid.

Consortium between domestic (Indian) and foreign firms led by Indian firm shall also be eligible for the price preference provided they fulfill the conditions of price preference given for domestic bidder at (a), (b) & (c) above.

However Consortium between domestic and foreign firms led by foreign firms shall not be eligible for price preference even though their domestic partner satisfies the conditions given for domestic bidder at (a), (b) & (c) above.

It must be noted that above information so furnished, if at any stage found wrong, incorrect or misleading, will attract action as per rules/law.

The bidders are requested to check the latest position on the subject on their own and OIL does not accept any liability whatsoever on this account.

Price Bid will be evaluated as under:

- Total Mobilization charges at RP and KGB, Lump sum, One time only: $TM = M$
- Total Demobilization charge from KGB and RP, Lump sum, One time only:
 $TD = D$
- Total Operating Day Rate charge: $TOP = ODR \times 220 \text{ days}$
- Total Stand by rate $TSDR = SDR \times 75 \text{ days}$
- Total Repair Day Rate $TRDR = RDR \times 5 \text{ Days}$
- Total Force Majeure Day Rate = $TFMR = FMR \times 2 \text{ Days}$
- Total Stack Day Rate = $TSTR = STR \times 5 \text{ Days}$
- Total ILM charges for rig movement from RP to KGB and KGB to RP $TILM1 = ILM1 \times 2400 \text{ KM}$
- Total ILM charges on Lump Sum Basis for within 50 Km: as $TILM2 = ILM2 \times 2$
- Total ILM charges on Kilometre basis for movement in excess of 50 Km: as
 $TILM3 = ILM3 \times 100$
- Total Inter-Location Movement charge (Cluster location) Lump sum, $TILMO = ILM0 \times 1$
- Total Base camp shift charge: $TBCM = BCM \times 2$

Total Inter Location Movement Charges $TILM = TILM1 + TILM2 + TILM3 + TILMO + TBCM$

Total Charges for Food and Accommodation in excess of 22 Company's (Own + Hired) personnel $TFAC$

- | | |
|---|---------------------------------------|
| a) Total Bed Tea / Coffee (with Biscuits) | : $TBT = BT \times 300 \text{ NOS}$ |
| b) Total Break Fast | : $TBF = BF \times 300 \text{ NOS}$ |
| c) Total Lunch | : $TL = L \times 300 \text{ NOS}$ |
| d) Total Evening Tea with Snacks | : $TET = ET \times 300 \text{ NOS}$ |
| e) Total Dinner | : $TD = D \times 300 \text{ NOS}$ |
| f) Total Accommodation – Executive | : $TAE = AE \times 200 \text{ NOS}$ |
| g) Total Accommodation – Non Executive | : $TANE = ANE \times 200 \text{ NOS}$ |

Total Charges for Food and Accommodation in excess of 22 OIL's Personnel

$TFAC = TBT + TBF + TL + TET + TD + TAE + TANE$

TOTAL ESTD CONTRACT COST FOR THE RIG FOR 1 YEAR CONTRACT INCLUDING ALL TAXES & DUTIES EXCEPT CUSTOMS DUTY & SERVICE TAX WHICH SHALL BE EXTRA TO OIL,

T=TM+TD+TOP+ TSDR+TRDR+TILM +TFAC

(Item serial no. 1 to 21) of the Price Bid Format (Proforma-II)

NOTES:

- The items M, ILM1, D, ODR, ILMO, ILM2, BCM, ILM3 etc. are as defined in Schedule of Rates (Section-IV)
- **Force Majeure Rate shall not be considered for bid evaluation.**
- **Stack Rate shall not be considered for bid evaluation.**
- The same evaluation shall be applicable, if more than one Rig is offered.
- Bid evaluation will be carried out based on the sum of the total price quoted against item serial no. 1 to 21. However, payment will be made against the actual job done.
- Mobilisation of the hired rig may be at RP or KGB.
- Demobilisation of hired rig may be from KGB or RP.
- ILM1 of the hired rig may from RP to KGB or KGB to RP.
- The Company reserves the right for physical inspection of the rig package at Bidder's site at any time during the finalization of the Contract and prior to mobilization of the rig on its own or through any one of third party inspection agency as mentioned earlier.

PROFORMA - I

STATEMENT OF COMPLIANCE
(Only exceptions/deviations to be rendered)

SECTION NO. (PAGE NO.)	CLAUSE NO. SUB-CLAUSE NO.	COMPLIANCE/ NON COMPLIANCE	REMARKS

(Authorised Signatory)
Name of the bidder_____

NOTE: OIL INDIA LIMITED expects the bidders to fully accept the terms and conditions of the bid document. However, should the bidders still envisage some exceptions/deviations to the terms and conditions of the bid document, the same should be highlighted as per format provided above and to be submitted as part of their Technical Bid. If the proforma is left blank, then it would be presumed that the bidder has not taken any exception/deviation to the terms and conditions of the bid document.

PROFORMA-II**PRICE BID FORMAT****[For 01 No. of 1400 HP (Minimum) Drilling Rig for RP and KG Basin (NELP Block)]**

Quotation No.: _____

Name and type of the Drilling Rig offered: _____

Currency of Quote : _____

Validity of Bid: _____

A. RATES:**CURRENCY:** _____

Item Sl. No.	Particular	Unit	Qty. (a)	UNIT RATE (b)	TOTAL AMOUNT (a*b)
1	Mobilization Charges to Rajasthan Project (M)	Lump-sum	1		
2	Mobilization Charges to KGB Project (M)	Lump-sum	1		
3	ILM Charges RP to KGB (ILM1)	Kilometre	2400		
4	ILM Charges KGB to RP (ILM1)	Kilometre	2400		
5	Demobilization Charges from KG Basin, (D)	Lump-sum	1		
6	Demobilization Charges from RP Basin, (D)	Lump-sum	1		
7	Operating Day Rate (ODR)	Day	220		
8	Stand By Day Rate (SDR) (Shall not be more than 90% of ODR)	Day	75		
9	Repair Day Rate (RDR) (Shall not be more than 60% of ODR)	Day	5		
10	Inter-location move charge per move in case of cluster location (ILM0)	Lump-Sum	1		
11	Inter-location move charge per rig move up to 50 Km (ILM2)	Lump sum	2		
12	Kilometre charge when the ILM is in excess of 50 Km. (ILM3)	Kilometre	100		
13	Base camp shift charge (BCM)	Lump sum	2		
15	Bed Tea/Coffee (with Biscuits): BT	NOS	300		
16	Break Fast: BF	NOS	300		
17	Lunch: L	NOS	300		
18	Evening Tea with Snacks: ET	NOS	300		
19	Dinner: TD	NOS	300		
20	Accommodation-Executive: AE	NOS	200		
21	Accommodation-Non Executive: ANE	NOS	200		
	Total estimated Contract Price of rig, manpower etc. for 1 year inclusive of all taxes and duties, but excluding Customs Duty & Service tax, which will be on OIL's A/c.				

22	Force Majeure Rate per 24 Hrs. (FM) 50% of ODR	Day rate	2		
23	Stack Day Rate per 24 Hrs.(STDR) 60% of ODR	Day rate	5		

B.1. During the Inter Location Movement from one location to another, only applicable “INTER LOCATION MOVEMENT CHARGES (ILMC)” will be paid. No Day Rates will be paid during Inter Location Movement (period from Rig Release to Rig ready for spudding-in at next well).

B.2. Number of days & ILMs & Kilometres indicated in the above format is for evaluation purpose only. Payment towards these components shall be made as per actual.

B.3 ***Force Majeure Rate and Stack Rate shall not be considered for bid evaluation.***

B.4 Bid evaluation will be carried out based on the sum of the total price quoted against item serial no. 1 to 21. However, payment will be made against the actual job done.

Name of the Authorized Signatory: _____

Name of the Firm/Service Provider/Bidder: _____

PROFORMA-III**INTEGRITY PACT**

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder/Contractor"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for ----- . The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organization "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section: 1 -Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.

3. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

(Page – 2 of 5)

Section: 2 -Commitments of the Bidder/Contractor

(1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 -Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or credibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

(Page – 3 of 5)

3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

Section 4 -Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.
3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section: 6 -Equal treatment of all Bidders/Contractor/Subcontractors

1. The Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

(Page – 4 of 5)

Section: 7 -Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section: 8 -External Independent Monitor/Monitors

(three in number depending on the size of the contract)

(to be decided by the Chairperson of the Principal)

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the Chairperson of the Board a Substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

(Page – 5 of 5)

Section: 9 -Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section: 10 -Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. Noida.

2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

.....
For the Principal

.....
For the Bidder/Contractor

Witness 1:

Witness 2:

Place. JODHPUR.
Date

NAME OF INDEPENDENT EXTERNAL MONITORS:

1. SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),
e-Mail ID : rspandey_99@yahoo.com
2. SHRI RAJIV MATHUR, IPS (Retd.),
e-Mail ID : rajivmathur23@gmail.com

END OF SECTION-I
(End of Part – 2)

Part- 3
SECTION – I

GENERAL CONDITIONS OF CONTRACT

1.0 DEFINITIONS:

1.1 In the contract, the following terms shall be interpreted as respectively assigned below:

- (a) "Approval" as it relates to Company, means written approval;
- (b) "Company" or "OIL" means Oil India Limited;
- (c) "Company's items" means the equipment, materials and services, which are to be provided by Company at the expense of Company and listed in the Contract;
- (d) "Company's Personnel" means the personnel to be provided by Oil India Limited (OIL) or OIL's contractor (other than the Contractor executing this Contract). The Company representatives of OIL and Consultant deployed by OIL for supervision of operations are also included in the Company's personnel;
- (e) "Contract" means agreement entered into between Company and Contractor, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein;
- (f) "Contractor" means the individual or firm or Body incorporated performing the work under this Contract;
- (g) "Contractor's items" means the equipment, materials and services, which are to be provided by Contractor or to be provided by Company at the expense of the Contractor, which are listed in Tender Document under Terms of Reference and Technical Specifications;
- (h) "Contractor's Personnel" means the personnel to be engaged by the Contractor from time to time to provide services as per the contract;
- (i) "Day" means a calendar day of twenty-four (24) consecutive hours beginning at 06:00 hrs. and ending at 06:00 hrs;
- (j) "Party" means either the Company or Contractor as the context so permits and, as expressed in the plural, shall mean the Company and Contractor collectively;
- (k) "Site" means the land and other places, on/under/ in or through which the works are to be executed by the Contractor and any other land and places provided by the Company for working space or any other purpose as designated hereinafter as forming part of the Site;
- (l) "Work" means each and every activity required for the successful performance of the services described in Tender Document under, the Terms of Reference.
- (m) "Company Representative" means the person or persons appointed and approved from time to time by the Company to act on its behalf for overall co-ordination and project management purpose.

(n) "Gross Negligence" means any act or failure to act (whether sole, joint or concurrent) by a person or entity which was intended to cause, or which was in reckless disregard of or wanton indifference to, avoidable and harmful consequences such person or entity knew, or should have known, would result from such act or failure to act. Notwithstanding the foregoing, Gross negligence shall not include any action taken in good faith for the safeguard of life or property.

(o) "Wilful Misconduct" means intentional disregard of good and prudent standards of performance or proper conduct under the Contract with knowledge that it is likely to result in any injury to any person or persons or loss or damage of property.

(p) "Affiliate" means any Person which Controls, or is Controlled by, or under common Control with a Party; "Control" in this context means ownership of more than fifty percent (50%) of the shares of a Person and/or the right to appoint majority directors on Board by contract or otherwise;

(q) "Co-venturers" shall mean any co-venturers with the Company from time to time having an interest in either the PSC and/or a Joint and/or associated contracts for the purposes of exploration and production in Operating Contract the Operating Area and on whose behalf the Company would be deemed to have entered into this Contract.

2.0 EFFECTIVE DATE, MOBILISATION TIME, DATE OF COMMENCEMENT OF CONTRACT AND DURATION OF CONTRACT:

2.1 EFFECTIVE DATE: The contract shall become effective as of the Date Company notifies Contractor in writing that it has been awarded the contract. Such date of notification of award of Contract will be the Effective Date of Contract.

2.2 MOBILISATION TIME: The mobilization of equipment, personnel etc. should be completed by Contractor within 90 days from the effective date of the contract. Mobilization shall be deemed to be completed when Contractor's equipment and manpower are placed at the nominated location in readiness to commence Work as envisaged under the Contract duly certified by the Company's authorized representative.

2.3 DATE OF COMMENCEMENT OF CONTRACT: The date on which the mobilization is completed in all respects is treated as date of commencement of Contract.

2.4 DURATION OF CONTRACT: The Contract shall be initially for a period of 1 (one) year from the date of its commencement during which 4 (four) wells are expected to be drilled (completed); with a provision for extension by 1 (one) more year at the same rate, terms and conditions.

However, bidder's must note that the rates, terms and conditions shall continue until the completion or abandonment of the last well being drilled and completion of testing operations.

Further extension of the contract, if any will be on the same rates, terms and condition of the existing contract.

3.0 GENERAL OBLIGATIONS OF CONTRACTOR: Contractor shall, in accordance with and subject to the terms and conditions of this Contract:

- 3.1 Perform the work described in the Scope of Work / Terms of Reference (Section-IV of PART-3) in most economic and cost effective way.
- 3.2 Except as otherwise provided in the Terms of Reference and the Special conditions of Contract, engage all manpower as required to perform the Work.
- 3.3 Perform all other obligations, work and services which are required by the terms of this Contract or which reasonably can be implied from such terms as being necessary for the successful and timely completion of the Work.
- 3.4 Contractor shall be deemed to have satisfied himself before submitting their bid as to the correctness and sufficiency of its bid for the services required and of the rates and prices quoted, which rates and prices shall, except insofar as otherwise provided, cover all its obligations under the contract.
- 3.5 Contractor shall give or provide all necessary supervision during the performance of the services and as long thereafter within the warranty period as Company may consider necessary for the proper fulfilling of Contractor's obligations under the contract.

4.0 GENERAL OBLIGATIONS OF THE COMPANY:

Company, in accordance with and subject to the terms and conditions of this contract, shall:

- 4.1 Pay Contractor in accordance with terms and conditions of the contract. The Contractor shall be entitled to the applicable rate as defined in Section-III of Part-3 (i.e. Schedule of Service/ Rates) hereunder. The rates contained in the Contract shall be based on the intended operations being conducted by the Contractor on seven (7) days a week and twenty-four (24) hours a working day. The day rates are payable when the required condition has existed for a full 24 hours period. If the required condition existed for less than 24 hours then payments shall be made on pro-rata basis. The period of time for which each day rate is payable shall be computed and rounded off up to the nearest quarter of an hour.
- 4.2 Allow Contractor access, subject to normal security and safety procedures, to all areas as required for orderly performance of the work.
- 4.3 Perform all other obligations required of Company by the terms of this contract.

5.0 PERSONNEL TO BE DEPLOYED BY THE CONTRACTOR:

- 5.1 Contractor warrants that it shall provide competent, qualified and sufficiently experienced personnel to perform the work correctly and efficiently.
- 5.2 The Contractor should ensure that their personnel observe applicable statutory safety norms/requirements as well as Company's safety policies & guidelines. Upon Company's written request, Contractor, entirely at its own expense, shall remove immediately; any personnel of the Contractor determined by the Company to be unsuitable and shall promptly replace such personnel with personnel acceptable to the Company.
- 5.3 The Contractor shall be solely responsible throughout the period of the Contract for providing all requirements of their personnel including but not limited to, their transportation to & fro from field/drilling site, en-route/ local boarding, lodging & medical attention etc. Company shall have no responsibility or liability in this regard.
- 5.4 Contractor's key personnel shall be fluent in English language (both writing and speaking).

6.0 WARRANTY AND REMEDY OF DEFECTS:

- 6.1 Contractor warrants that it shall perform the work in a professional manner and in accordance with their highest degree of quality, efficiency, and with the state of the art technology/inspection services and in conformity with all specifications, standards and drawings set forth or referred to in the Technical Specifications. They should comply with the instructions and guidance, which Company may give to the Contractor from time to time.
- 6.2 Should Company discover at any time during the tenure of the Contract or till the Unit/equipment/tools are demobilised from site or base camp(if applicable) that the work does not conform to the foregoing warranty, Contractor shall after receipt of notice from Company, promptly perform any and all corrective work required to make the services conform to the Warranty. Such corrective work shall be performed entirely at Contractor's own expenses. If such corrective work is not performed within a reasonable time, the Company, at its option may have such remedial work performed by others and charge the cost thereof to Contractor subject to a maximum of the contract value payable for the defective work which needs corrective action which the Contractor must pay promptly. In case Contractor fails to perform remedial work, or pay promptly in respect thereof, the performance security or Performance bank Guarantee (PBG) shall be forfeited.

7.0 CONFIDENTIALITY, USE OF CONTRACT DOCUMENTS AND INFORMATION:

- 7.1 Contractor shall not, without Company's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing pattern, sample or information furnished by or on behalf of Company in connection therewith, to any person other than a person employed by Contractor in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance with prior permission from Company. However, nothing hereinabove contained shall deprive the Contractor of the right to use or disclose any information:

- (a) which is possessed by the Contractor, as evidenced by the Contractor's written records, before receipt thereof from the Company which however the Contractor shall immediately inform to Company ; or
- (b) which is required to be disclosed by the Contractor pursuant to an order of a court of competent jurisdiction or other governmental agency having the power to order such disclosure, provided the Contractor uses its best efforts to provide timely notice to Company of such order to permit Company an opportunity to contest such order subject to prior permission from Company.

7.2 Contractor shall not, without Company's prior written consent, make use of any document or information except for purposes of performing the contract.

7.3 Any document supplied to the Contractor in relation to the contract other than the Contract itself remain the property of Company and shall be returned (in all copies) to Company on completion of Contractor's performance under the Contract if so required by Company. However, the above obligation shall not extend to information which:

- i) is, at the time of disclosure, known to the public which Contractor shall immediately inform Company ;
- ii) is lawfully becomes at a later date known to the public through no fault of Contractor subject to Contractor's undertaking that no information has been divulged by them to the public;
- iii) is lawfully possessed by Contractor before receipt thereof from Company which should be immediately informed to Company;
- iv) is developed by Contractor independently of the information disclosed by Company which should be shared with the Company;
- v) Contractor is required to produce before competent authorities or by court order subject to prior permission from Company;

8.0 **TAXES:**

8.1 Tax levied on Contractor as per the provisions of Indian Income Tax Act and any other enactment/rules on income derived/payments received under the contract will be on Contractor's account.

8.2 Contractor shall be responsible for payment of personal taxes, if any, for all the personnel deployed in India by Contractor.

8.3 The Contractor shall furnish to the Company, if and when called upon to do so, relevant statement of accounts or any other information pertaining to work done under the contract for submitting the same to the Tax authorities, on specific request from them in accordance with provisions under the law. Other than the information provided by the Contractor, the

Contractor shall not be responsible for any inaccurate information provided by the Company to the Tax authorities and the Company shall indemnify the Contractor for all claims, expenses, costs or losses of any nature arising from such inaccuracy. Contractor shall be responsible for preparing and filing the return of income etc. within the prescribed time limit to the appropriate authority.

8.4 Prior to start of operations under the contract, the Contractor shall furnish the Company with the necessary documents, as asked for by the Company and/ or any other information pertaining to the contract, which may be required to be submitted to the Income Tax authorities at the time of obtaining "No Objection Certificate" for releasing payments to the Contractor.

8.5 Clause stands deleted

8.6 Corporate income tax will be deducted at source from the invoice at the specified rate of income tax as per the provisions of Indian Income Tax Act as may be in force from time to time and Company will issue TDS Certificate to the Contractor as per the provisions of Income Tax Act.

8.7 Corporate and personnel taxes on Contractor shall be the liability of the Contractor and the Company shall not assume any responsibility on this account.

8.8 All local and Central taxes, levies, R&D Cess, duties, and Octroi, etc. on purchases and sales made in India by Contractor or on the Sales made by Contractor to Company if any, shall be borne by Contractor.

8.9 Service Tax: The price excludes Services Tax and the service tax as applicable shall be to the Company account. The Service tax amount on the taxable part of the services provided by the Contractor shall be paid by the Company as per provisions of the Service Tax Act.

9.0 **INSURANCE:**

9.1 The Contractor shall arrange insurance to cover all risks in respect of their personnel, materials and equipment(except when tools/equipment are below Rotary Table or in the well bore) belonging to the Contractor or its sub Contractor (if applicable) during the currency of the contract including the third party items/consumables. For materials/equipment belong to the Contractor or its sub-Contractor, Contractor may self-insure the same.

9.2 Contractor shall at all time during the currency of the contract provide, pay for and maintain the following insurances amongst others except when tools/equipment are below Rotary Table or in the well bore :

- a) Workmen compensation insurance as required by the laws of the country of origin of the employee.
- b) Employer's Liability Insurance as required by law in the country of origin of employee.
- c) General Public Liability Insurance or Comprehensive General Liability

insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of Contractor required to fulfil the provisions under this contract.

- d) Contractor's equipment used for execution of the work hereunder shall have an insurance cover with a suitable limit (as per international standards) except when tools / equipment are below Rotary Table or in the well bore or Contractor may self-insure its tools/ equipment.
- e) Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits as governed by Indian Insurance regulations.
- f) Public Liability Insurance as required under Public Liability Insurance Act 1991, if applicable.

9.3 Deleted

9.4 Any deductible set forth in any of the above insurance shall be borne by Contractor.

9.5 Contractor shall furnish to Company prior to commencement of operation, the certificates of all its insurance policies covering the risks mentioned above.

9.6 If any of the above policies expire or are cancelled during the term of this contract and Contractor fails for any reason to renew such policies, then the Company will renew/replace same and charge the cost thereof to Contractor. Should there be a lapse in any insurance required to be carried out by the Contractor for any reason whatsoever, loss/damage claims resulting there from shall be to the sole account of Contractor.

9.7 Contractor shall require all of his sub-contractor to provide such of the foregoing insurance coverage as Contractor is obliged to provide under this Contract and inform the Company about the coverage prior to the commencement of contracts with its sub-Contractors.

9.8 All insurance taken out by Contractor or their sub-contractor shall be endorsed to provide that the underwriters waive their rights of recourse on the Company and to the extent of the liabilities assumed by Contractor under this Contract.

10.0 CHANGES:

10.1 During the performance of the work, Company may make minor change to take care of any supplementary work within the general scope of this Contract including, but not limited to, changes in methodology, and minor additions to or deletions from the work to be performed. Contractor shall perform the work as changed. Changes of this nature will be affected by written order by the Company.

10.2 If any change result in an increase in compensation due to Contractor or in a credit due to Company, Contractor shall submit to Company an estimate of the amount of such compensation or credit in a form prescribed by Company. Such estimates shall be based on the rates shown in the Schedule of Rates (Section- IV, PART-3). Upon review of Contractor's estimate, Company shall establish and set forth in the Change Order the amount of the compensation or credit for the change or a basis for determining a reasonable compensation or credit for the change. If Contractor disagrees with compensation or credit set forth in the Change Order, Contractor shall nevertheless perform the work as changed, and the parties will resolve the dispute in accordance with Clause 13.0 hereunder. Contractor's performance of the work as changed will not prejudice Contractor's request for additional compensation for work performed under the Change Order.

11.0 FORCE MAJEURE:

11.1 In the event of either party being rendered unable by 'Force Majeure' to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such 'Force Majeure' will stand suspended for the period during which such cause lasts. The word 'Force Majeure' as employed herein shall mean acts of God, war, revolt, agitation, strikes, riot, fire, flood, sabotage, civil commotion, road barricade (but not due to interference of employment problem of the Contractor), acts of government of the two parties, which makes performance impossible or impracticable and any other cause, whether of kind herein enumerated or otherwise which are not within the control of the party to the contract and which renders performance of the contract by the said party impossible.

11.2 Upon occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing within Seventy Two (72) hours of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim.

11.3 Should 'force majeure' condition as stated above occurs and should the same be notified within seventy two (72) hours after its occurrence the 'force majeure' rate shall apply for the first fifteen days. Parties will have the right to terminate the Contract if such 'force majeure' conditions continue beyond fifteen (15) days with prior written notice. Should either party decide not to terminate the Contract even under such condition, no payment would apply after expiry of fifteen (15) days force majeure period unless otherwise agreed to.

12.0 TERMINATION:

12.1 **TERMINATION ON EXPIRY OF THE TERMS (DURATION):** The contract shall be deemed to have been automatically terminated on the expiry of duration of the Contract or the extension period, if exercised by Company under the provision of the Contract

- 12.2 **TERMINATION ON ACCOUNT OF FORCE MAJEURE:** Either party shall have the right to terminate the Contract on account of Force Majeure as set forth in Clause 11.0 above.
- 12.3 **TERMINATION ON ACCOUNT OF INSOLVENCY:** In the event that the Contractor or its collaborator at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt, then the Company shall, by a notice in writing have the right to terminate the Contract and all the Contractor's rights and privileges hereunder, shall stand terminated forthwith.
- 12.4 **TERMINATION FOR UNSATISFACTORY PERFORMANCE:** If the Company considers that, the performance of the Contractor is unsatisfactory, or not up to the expected standard, the Company shall notify the Contractor in writing and specify in details the cause of the dissatisfaction. The Company shall have the option to terminate the Contract by giving fifteen (15) days notice in writing to the Contractor, if Contractor fails to proceed diligently to remedy to Company's satisfaction the matter(s) complained of, within a period of seven (7) days after such written notice is received by Contractor.
- 12.5 **TERMINATION DUE TO CHANGE OF OWNERSHIP & ASSIGNMENT:** In case the Contractor's rights and / or obligations under the Contract and/or the Contractor's rights, title and interest to the equipment/material, are transferred or assigned without the Company's consent, the Company may at its absolute discretion, terminate the Contract.
- 12.6 **TERMINATION DUE TO NON-AVAILABILITY OF EQUIPMENT/ PERSONNEL:** If at any time during the term of the Contract, breakdown/non-availability of Contractor's equipment and/or non-availability of personnel results in Contractor being unable to perform their obligations hereunder for a period of fifteen (15) successive days, Company at its option may terminate this Contract in its entirety without any further right or obligation on the part of the Company, except for the payment of money then due. No notice shall be served by the Company under the condition stated above.
- 12.7 Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the Company on giving 30 (thirty) days written notice to the Contractor due to any other reason not covered under the above clause from 12.1 to 12.6 and in the event of such termination the Company shall not be liable to pay any cost or damage to the Contractor except for payment for services as per the Contract upto the date of termination including the De-mob cost, if any.
- 12.8 **CONSEQUENCES OF TERMINATION:** In all cases of termination herein set forth, the obligation of the Company to pay for Services as per the Contract shall be limited to the period up to the date of termination. Notwithstanding the termination of the Contract, the parties shall continue to be bound by the provisions of the Contract that reasonably require some action or forbearance after such termination.

In the event of termination of contract pursuant to the Clause 12.3, 12.4, 12.5 & 12.6, no Demobilization Charges shall be payable to Contractor.

- 12.9 Upon termination of the Contract, Contractor shall return to Company all of Company's items, which are at the time in Contractor's possession.
- 12.10 In the event of termination of contract, Company will issue Notice of termination of the contract with date or event after which the contract will be terminated. The contract shall then stand terminated and the Contractor shall demobilize their equipment, personnel & materials.
- 12.11 **COMPANY'S RIGHT TO TAKEOVER:** In the event, Company is justifiably dissatisfied with Contractor's performance during the operation of any well hereunder on account of unreasonably slow progress or incompetence as a result of cause reasonably within the control of the Contractor, the Company shall give the Contractor written notice in which it shall specify in detail the cause of its dissatisfaction. Should the Contractor, without reasonable cause, fail or refuse to commence remedial action within 1 (one) day of receipt of the said written notice, the Company shall have the right, but not obligation to take over the specific operations, where the Contractor has failed to perform, till such time the Contractor commences remedial action. During the period of any such takeover, the entire cost of operation carried out by the Company will be deducted from the Contractor's payment, in addition to imposing penalty as applicable as per the Contract for the Contractor's failure.

13.0 SETTLEMENT OF DISPUTES AND ARBITRATION

13.1 Arbitration (Applicable for Suppliers/Contractors other than PSU) :

Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties are unable to settle mutually, the same shall be referred to Arbitration as provided hereunder :

1. A party wishing to commence arbitration proceeding shall invoke Arbitration Clause by giving 30 days notice to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.
2. The number of arbitrators and the appointing authority will be as under:

Claim amount (excluding claim for interest and counter claim, if any)	Number of Arbitrator	Appointing Authority
Up to Rs. 5 Crore	Sole Arbitrator	OIL
Above Rs. 5 Crore	3 Arbitrators	One Arbitrator by each party and the 3 rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators.

3. The parties agree that they shall appoint only those persons as arbitrators who accept the conditions of the arbitration clause. No person shall be appointed as Arbitrator or Presiding Arbitrator who does not accept the conditions of the arbitration clause.
4. Parties agree that there will be no objection if the Arbitrator appointed holds equity shares of OIL and/or is a retired officer of OIL/any PSU. However, neither party shall appoint its serving employees as arbitrator.
5. If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall proceed de novo.
6. Parties agree that neither shall be entitled for any pre-reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.
7. The arbitral tribunal shall make and publish the award within time stipulated as under

Amount of Claims and counter claims(excluding interest)	Period for making and publishing of the award(counted from the date of first meeting of the Arbitrators)
Up to Rs. 5 Crore	Within 8 months
Above Rs. 5 Crore	Within 12 months

The above time limit can be extended by Arbitrator, for reasons to be recorded in writing, with the consent of the other parties.

8. If after commencement of the arbitration proceedings, the parties agree to settle the dispute mutually or refer the dispute to conciliation, the arbitrators shall put the proceedings in abeyance until such period as requested by the parties.
9. Each party shall be responsible to make arrangements for the travel and stay etc. of the arbitrator pointed by it. Claimant shall also be responsible for making arrangements for travel/stay arrangements of the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties.
- In case of sole arbitrator, OIL shall make all necessary arrangements for his travel, stay and the expenses incurred shall be shared equally by the parties.
10. The Arbitration shall be held at the place from where the contract has been awarded. However, parties to the contract can agree for a different place for the convenience of all concerned.

11. The Arbitrator(s) shall give reasoned and speaking award and it shall be final and binding on the parties.

12. Subject to aforesaid, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof shall apply to the arbitration proceedings under this clause.

13.2 Arbitration (applicable in case of Contract awarded on Public Sector Enterprise)

In the event of any dispute or difference relating to, arising from or connected with the Contract, such dispute or difference shall be referred by either party to the arbitration of one of the Arbitrators in the Department of Public Enterprises, to be nominated by the Secretary to the Government of India, In-Charge of the Bureau of Public Enterprises. The Arbitration and Conciliation Act 1996 shall not be applicable to the Arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided however; any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference, the dispute shall be decided by the Law Secretary or the Special Secretary/Additional Secretary, whose decision shall bind the parties finally and conclusively. The parties in the dispute will share equally the cost of the arbitration as intimated by the Arbitrator.

The venue of all arbitrations under both 13.1 & 13.2 will be Jodhpur, Rajasthan or New Delhi. The award made in pursuance thereof shall be binding on the parties.

14.0 NOTICES:

14.1 Any notice given by one party to other, pursuant to this Contract shall be sent in writing or Fax and confirmed in writing to the applicable address specified below:

COMPANY
OIL INDIA LIMITED
2- A, DISTRICT SHOPPING CENTRE
SARASWATI NAGAR, BASNI,
JODHPUR-342005, RAJASTHAN
Fax No. 0291- 2727050

CONTRACTOR

14.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

15.0 SUBCONTRACTING/ASSIGNMENT: Contractor shall not subcontract, transfer or assign the contract, or any part under this contract, to any third party(ies) except with Company's prior written consent. Under no circumstance, the Contractor shall be permitted to sublet/subcontract the

drilling services. However, in case approval is obtained in writing from Company for subletting any petty support services, Contractor shall be fully responsible for quality performance of such services and complete execution of all the services under this Contract.

16.0 MISCELLANEOUS PROVISIONS:

- 16.1 Contractor shall give notices and pay all fees, at their own cost, required to be given or paid by any National or State Statute, Ordinance, or other Law or any regulation, or bye-law of any local or other duly constituted authority as may be in force from time to time in India, in relation to the performance of the services and by the rules & regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the services.
- 16.2 Contractor shall conform in all respects with the provisions of any Statute, Ordinance of Law as aforesaid and the regulations or bye-law of any local or other duly constituted authority which may be applicable to the services and with such rules and regulation, public bodies and Companies as aforesaid and shall keep Company indemnified against all penalties and liability of every kind for breach of any such Statute, Ordinance or Law, regulation or bye-law.
- 16.3 During the tenure of the Contract, Contractor shall keep the site where the services are being performed reasonably free from all unnecessary obstruction and shall store or dispose off any equipment and surplus materials and clear away and remove from the site any wreckage, rubbish or temporary works no longer required. On the completion of the services, Contractor shall clear away and remove from the site any surplus materials; rubbish or temporary works of every kind and leave the whole of the site clean and in workmanlike condition to the satisfaction of the Company.
- 16.4 Key personnel cannot be changed during the tenure of the Contract except due to sickness / death / resignation of the personnel in which case the replaced person should have equal experience and qualification, which will be again subject to approval by the Company.

17.0 LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION:

- 17.1 Time is the essence of this Contract. In the event of the Contractor's default in timely mobilization for commencement of operations within the stipulated period, the Contractor shall be liable to pay liquidated damages @ 0.5% (half percent) of total evaluated contract value including mobilization cost for delay per week or part thereof subject to maximum of 7.5% of total evaluated contract cost. Liquidated Damages will be reckoned from the date after expiry of the scheduled mobilization period till the date of commencement of Contract as defined in Clause No. 2.0 above.
- 17.2 In addition, Company also reserves the right to cancel the Contract without any compensation whatsoever in case the Contractor fails to mobilize the Rig and commence operation within the stipulated period.
- 17.3 If the Contractor delays to mobilise / deploy the Unit and commence the operations within the stipulated mobilization period, it may request Operator

for extension of time with unconditionally agreeing for payment of Liquidated Damages. Upon receipt of such requests, Operator may, at its discretion, extend the period of mobilization and as its sole remedy can recover from Contractor as ascertained and agreed Liquidated Damages and not by way of penalty a sum equivalent to 1/2 % of annual contract value (i.e. Effective Day Rate based on which bids were evaluated x 365 days) for each week of delay or part thereof subject to maximum of 10% of annual contract value.

- 17.4 Applicable L/D will be recovered from Mobilisation Bill. However, to avoid adverse impact on execution of Contract due to resource crunch on account of deduction of L/D in one go, OIL may consider deduction of LD in Installments on monthly basis on request from the party.

18.0 ASSOCIATION OF COMPANY'S PERSONNEL: Company's engineers/Company's hired engineers/consultants will be associated with the work throughout the operations and shall at all times have complete access to the Site for the purpose of observing, inspection or supervising the work performed by Contractor.

19.0 LABOUR: The recruitment of the labour shall be met from the areas of operation and wages will be according to the rates prevalent at the time which can be obtained from the District Authorities of the area. The facilities to be given to the labourers should conform to the provisions of labour laws as per contract Labour (Regulation and Abolition) Act, 1970. However, the Contractor shall not make the Company liable to reimburse the Contractor to the statutory increase in the wage rates of the contract labour appointed by the Contractor. Such statutory or any other increase in the wage rates of the contract labour shall be borne by the Contractor.

20.0 LIABILITY:

- 20.1 Except as otherwise expressly provided, neither Company nor its servants, agents, nominees, Contractors, or Sub-Contractors or its Affiliates or Co-ventures shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss of or damage to the property of the Contractor and/or their Contractors or Sub-Contractors or its Affiliates or Co-ventures, irrespective of how such loss or damage is caused and even if caused by the negligence of Company and/or its servants, agent, nominees, assignees, Contractors and Sub-Contractors or its Affiliates or Co-ventures. The Contractor shall protect, defend, indemnify and hold harmless Company from and against such loss or damage and any suit, claim or expense resulting there from.
- 20.2 Neither Company nor its servants, agents, nominees, assignees, Contractors, sub-Contractors or its Affiliates or Co-ventures shall have any liability or responsibility whatsoever for injury to, illness, or death of any employee of the Contractor and/or of its Contractors or sub-contractor or its Affiliates or Co-ventures irrespective of how such injury, illness or death is caused and even if caused by the negligence of Company and/or its servants, agents nominees, assignees, Contractors and sub-Contractors or its Affiliates or Co-ventures. Contractor shall protect, defend, indemnify and hold harmless Company from and against such liabilities and any suit, claim or expense resulting there from.
- 20.3 The Contractor hereby agrees to waive its right of recourse and further agrees to cause its underwriters to waive their right of subrogation against Company and/or its underwriters, servants, agents, nominees, assignees, Contractors and sub-Contractors or its Affiliates or Co-ventures for loss or damage to the equipment of the Contractor and/or its sub-Contractors or its

Affiliates or Co-ventures and/or their employees when such loss or damage or liabilities arises out of or in connection with the performance of the contract limited to the Contractor's liabilities agreed to under this Contract.

- 20.4 The Contractor hereby further agrees to waive its right of recourse and agrees to cause its underwriters to waive their right of subrogation against Company and/or its underwriters, servants, agents, nominees, assignees, Contractors and sub-Contractors or its Affiliates or Co-ventures for injury to, illness or death of any employee of the Contractor and of its Contractors, sub-Contractors or its Affiliates or Co-ventures and/or their employees when such injury, illness or death arises out of or in connection with the performance of the contract limited to the Contractor's liabilities agreed to under this Contract.
- 20.5 Except as otherwise expressly provided, neither Contractor nor its servants, agents, nominees, Contractors or sub-contractors shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss or damage to the property of the Company and/or their Contractors or sub-contractors, irrespective of how such loss or damage is caused and even if caused by the negligence of Contractor and/or its servants, agents, nominees, assignees, Contractors and sub-contractors. The Company shall protect, defend, indemnify and hold harmless Contractor from and against such loss or damage and any suit, claim or expense resulting there from.
- 20.6 Neither Contractor nor its servants, agents, nominees, assignees, Contractors, sub-contractors shall have any liability or responsibility whatsoever to whomsoever for injury or illness, or death of any employee of the Company and/or of its contractors or sub-contractors irrespective of how such injury, illness or death is caused and even if caused by the negligence of Contractor and/or its servants, agents, nominees, assignees, contractors and sub-contractors. Company shall protect, defend indemnify and hold harmless Contractor from and against such liabilities and any suit, claim or expense resulting there from.
- 20.7 The Company agrees to waive its right of recourse and further agrees to cause its underwriters to waive their right of subrogation against Contractor and /or its underwriters, servants, agents, nominees, assignees, Contractors and sub-contractors for loss or damage to the equipment of Company and/or its contractors or sub-contractors when such loss or damage or liabilities arises out of or in connection with the performance of the contract.
- 20.8 The Company hereby further agrees to waive its right of recourse and agrees to cause it underwriters to waive their right of subrogation against Contractor and/or its underwriters, servants, agents, nominees, assignees, Contractors and sub-contractors for injury to, illness or death of any employee of the Company and of its Contractors, sub-contractors and/or their employees when such injury, illness or death arises out of or in connection with the performance of the Contract.
- 21.0 LIMITATION OF LIABILITY: Notwithstanding any other provisions herein to the contrary, except only in cases of wilful misconduct and / or criminal acts,
- (a) Neither the Contractor nor the Company (OIL) shall be liable to the other, whether in Contract, tort, or otherwise, for any consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs.
 - (b) Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the Contractor in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 50% of the Annualized Contract Price, provided however that this limitation shall not apply to the cost of repairing or replacing defective equipment by the Contractor, or to any obligation of the Contractor to indemnify the Company with respect to Intellectual Property Rights.
 - (c) Company shall indemnify and keep indemnified Contractor harmless from and against any and all claims, costs, losses and liabilities in excess of the aggregate liability amount in terms of clause (b) above.

22.0 INDEMNITY AGREEMENT:

22.1 Except as provided hereof Contractor agrees to protect, defend, indemnify and hold Company harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in favour of Contractor's employees, agents, contractors and sub-contractors or their employees on account of bodily injury or death, or damage to personnel/property as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.

22.2 Except as provided hereof Company agrees to protect, defend, indemnify and hold Contractor harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in favour of Company's employees, agents, contractors and sub-contractors or their employees on account of bodily injury or death, or damage to personnel/property as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.

23.0 INDEMNITY APPLICATION: The indemnities given herein above, whether given by Company or Contractor shall be without regard to fault or to the negligence of either party even though said loss, damage, liability, claim, demand, expense, cost or cause of action may be caused, occasioned by or contributed to by the negligence, either sole or concurrent of either party.

23.1 The Contractor shall not make Company liable to reimburse the Contractor to the statutory increase in the wage rates of the contract labour appointed by the Contractor. Such statutory or any other increase in the wage rates of the contract labour shall be borne by the Contractor.

23.2 Any permission from the Mines Directorate in connection with working in excess of 8 (eight) hours per day shift pattern by the Contractor shall have to be arranged by the Contractor before commencement of the Contract, in consultation with the Company. Moreover, since the Contractor's personnel engaged shall be working under the Mines Act and Oil Mines Regulations, the Contractor shall have to obtain any other relevant permission from the Mines Directorate to engage their employees in compliance with various procedures as per Mines Act. In case of any breach of procedures under Mines Act the Contractor shall be held responsible and they shall bear all expenses arising as a result thereof.

23.3 The Contractor shall not engage labour below 18 (eighteen) years of age under any circumstances. Persons above 60 (sixty) years age also shall not be deployed except Manager / Superintendent.

23.4 Moreover, the Contractor should obtain and produce in advance to commencement of Work the following certificate / approvals:

- (i) Approval from DGMS / DDMS for shift patterns in excess of 8 hours.

- (ii) Total manpower list.
 - (iii) License/certificate from specified electrical authorities for the rig and camp electrical personnel, if required.
 - (iv) All certificates as per applicable laws including Mines Acts.
 - (v) Regional Labour certificate, if required.
- 24.0 ENTIRE CONTRACT: This Contract contains the entire agreement between the Parties and supersedes any previous understandings, commitments, agreements or representations whatsoever, oral or written, pertaining to the subject matter hereof, provided that nothing in this Clause (Entire Contract) shall have effect to exclude or restrict the liability of either Party for fraud or fraudulent misrepresentation.
- 25.0 RECORDS, REPORTS AND INSPECTION: The Contractor shall, at all times, permit the Company and its authorized employees and representatives to inspect all the Work performed and to witness and check all the measurements and tests made in connection with the said work. The Contractor shall keep an authentic, accurate history and logs including safety records of each well with major items consumed and received on rig, which shall be open at all reasonable times for inspection by the Company designated representatives and its authorized employees and representatives. The Contractor shall provide the Company designated representatives with a daily written report, on form prescribed by the Company showing details of operations during the preceding 24 hours and any other information related to the said well requested by the Company whenever so requested. The Contractor shall not, without Company's written consent allow any third person(s) access to the said well, or give out to any third person information in connection therewith.
- 26.0 INSPECTION OF MATERIALS
- 26.1 INSPECTION BY CONTRACTOR: The Contractor agrees to perform a visual inspection, using its personnel, of all materials and appliances furnished by the Company when delivered into Contractor's possession and shall notify Company's representative of any apparent defects observed therein so that Company may replace such defective materials or appliances. If Contractor fails to notify the Company of any apparent defects as provided above, it shall be conclusively presumed that such materials and appliances are free from such apparent defect. Contractor shall not be liable for any loss or damage resulting from the use of materials or appliances furnished by the Company containing latent defects. Upon the termination of this Agreement, Contractor shall return to the Company at the Well- site all machinery, equipment, tools, spare parts and supplies received by Contractor from the Company or purchased by the Contractor for the Company's account and not used or consumed in the operations, in as good condition as when received by Contractor, normal wear & tear excepted. If damage to any of the Company's equipment is caused due to sole negligence of the Contractor, same will be repaired or replaced at Contractor's cost. Contractor shall, if requested by the Company also maintain or repair, at its cost, any of the Company's items, at the Drilling Unit which Contractor is qualified to and can maintain or repair with Contractor's normal

complement of personnel and the equipment at the Drilling Unit provided however that the Company shall at its cost provide all spare parts and materials required to maintain or repair the Company's items. However, it shall remain the Company's basic responsibility and liability to ensure that such items are always in good workable condition.

26.2 INSPECTION BY OPERATOR: The Company shall have the right to inspect and reject for any valid cause any items furnished by Contractor and Contractor shall replace or repair at its sole expense such items so rejected with items free of defects, to the satisfaction of the Company.

27.0 ROYALTY AND PATENTS: Each party shall hold the other harmless and indemnify from and against all claim and proceedings for or on account of any patent rights, design, trade mark or other protected rights arising from any use of materials, equipment, processes, inventions and methods which have not been imposed on the attending party by the terms of the Contract or the specifications or drawings forming part thereof.

28.0 CUSTOMS DUTY :

28.1 Company shall use the Rig with the Services under the Contract in the PEL/ML areas renewed / issued to Company after 1.4.1999 and therefore, in terms of Notification No. 21 dated 01.03.2002, goods specified in List-12 imported in connection with petroleum operations under this Contract would attract zero customs duty. Company will issue Recommendatory Letter to Directorate General of Hydrocarbons (DGH), Ministry of Petroleum & Natural Gas, as per Government guidelines for issuance of Essentiality Certificate (EC) from Directorate General of Hydrocarbons, to enable the Contractor to import goods at concessional (Nil) customs duty so as to provide the services under this Contract provided these goods are specified in the List-12 of the aforesaid Notification.

28.2 Contractor shall make written request to Company immediately after shipment of the goods indicated by them in Proforma-E, along with the Invoices and all shipping documents (with clear 15 working days notice) requesting Company for issuance of the Recommendatory Letter. OIL shall issue the Recommendatory Letter provided all the documents submitted by the Contractor are found in order as per contract. It shall be however, Contractor's responsibility to obtain EC from DGH and clear the goods through customs. OIL shall not be liable in whatsoever manner for the rejection of their claims for zero customs duty by any of the authorities including DGH. Contractor shall indemnify OIL from all liabilities of Customs Duty.

28.3 All imports and import clearances under the contract shall be done by the contractor and OIL shall not provide any assistance in this regard.

28.4 However, in the event customs duty becomes leviable during the course of contract arising out of a change in the policy of the Government, Company shall be liable for payment of the customs duties leviable in India on Contractor's items as provided in Proforma-E or the actual whichever is less (for the first time import) and at actual (for subsequent imports),

provided Contractor furnishes all necessary documents indicating the estimated customs duty at least 10 days in advance. Such payment of Customs Duty shall be arranged by Company and made available to the representatives of Contractor at Kolkata within 3 working days after Contractor submits the undisputed and clear necessary documents / duty assessment papers at Company's office at Kolkata. Contractor would be responsible for passing such payment to customs authorities at the port of entry. Company's obligation for Customs Duty payment shall be limited / restricted to the tariff rates as assessed by the Customs on the day of clearance, or as on the last day of the stipulated mobilisation period. In case of clearance thereafter, on the CIF value of items in Proforma-E will be frozen and any increase in Customs Duty on account of increase in value on these will be to the Contractor's account. Furthermore, in case the above CIF value is not acceptable to assessing Customs Officer and as a result if any excess Customs Duty becomes payable, it shall be to Contractor's account. Before filing Bill of lading, Bill of entry, the Contractor must consult the Company to avoid payment of excess Customs Duty.

28.4.1 Contractor shall, however, arrange clearance of such items from Customs and port authorities in India and shall pay all requisite demurrages, if any, clearance fees/charges, port fees, clearing and forwarding agent fees/charges, inland transport charges etc. Company shall provide all assistance by issuance of necessary letter of authority or other relevant documents and necessary help.

28.5 Contractor must ensure that the spares and consumables imported by them for providing the services under Contract are properly used in executing their job under the Contract in the PEL/ML areas of Company for which EC has been obtained. Contractor shall furnish to Company a certificate as and when the spares and consumables are used/consumed certifying that the spares and the consumables imported by them have been consumed in those ML and PEL areas under the contract for which ECs were obtained by them. In order to avoid any misuse of the spares and consumables imported by the Contractor for providing the services under the Contract, Contractor shall furnish an Undertaking similar to that being furnished by Company to Customs of suitable amount before issue of the Recommendatory Letter.

29.0 **DEMOBILISATION & RE-EXPORT** : The Contractor shall arrange for and execute demobilization of the entire Rig, Tools/Equipment/ Spare/ Accessories/Manpower etc. upon receipt of notice for demobilization from Company. Demobilisation shall mean completion / termination of the contract and shall include Rig, tools, its accessories/equipment, including the manpower and re-export of the complete Rig (if re-exportable), its accessories/equipment, unutilized spares and consumables at the cost of the contractor. Demobilization shall be completed by Contractor within 60 days of issue of demobilization notice by Company. Immediately after re-exporting the Rig, tools, its accessories, equipment and the unused spares and consumables, Contractor shall submit the detail re-export documents to Company as documentary proof of re-exporting the complete Rig, its accessories, equipment and the unused spares and consumables. In case of failure to re-export any of the items as above within the allotted time

period of 60 days except under circumstances relating to Force Majeure, Company reserves the right to withhold the estimated amount equivalent to the Customs Duty and/or penalty leviable by customs on such default in re-export from Contractor's final settlement of bills and Performance Security.

- 29.1 In the event all / part of the equipment etc. are transferred by Contractor within the country to an area where nil Customs Duty is not applicable and/or sold to a third party after obtaining permission from Company and other appropriate government clearances in India, then Contractor shall be fully liable for payment of the Customs Duty.
- 29.2 Contractor must furnish an undertaking that "the equipment imported and also spares & accessories which remained unutilized after the expiry of the contract would be re-exported at their own cost after completion of contractual obligation after observing all the formalities/rules as per Customs Act or any other relevant Act of Govt. of India applicable on the subject". In case of non-observance of formalities of any provisions of the Customs Act or any other Act of Govt. of India, the Contractor shall be held responsible for all the liabilities including the payment of Customs Duty and penalties to the Govt. on each issue. Non-compliance of these provisions will be treated as breach of contract and their Performance Bank Guarantee will be forfeited.
- 29.3 In the event all / part of the equipment etc. are transferred by Contractor after expiry/termination of the contract within the country to another operator for providing services, and/or sold to a third party, Contractor shall obtain all necessary Govt. of India clearances including the Customs formalities for transferring to another operator and/or sale of the Rig package, its accessories, equipment and the unused spares and consumables to a third party. Company will not be responsible for any non-compliance of these formalities by Contractor. Payment of Customs Duty and penalties(if any) imposed by Govt. of India or Customs authorities for transferring the items in part or in full to an area where Nil Customs Duty is not applicable or sale of the items shall be borne by the Contractor and Contractor indemnifies Company from all such liabilities.

30.0 PAYMENTS & MANNER OF PAYMENT:

- 30.1 Company shall pay to the Contractor during the term of the Contract the amount due from time to time calculated according to the rates of payment set and in accordance with other provisions hereof. No. other payments shall be due from Company unless specifically provided for in the contract. All payments will be made in accordance with the terms hereinafter described.
- 30.2 **Manner of Payment:** All payments due by Company to Contractor hereunder shall be made at Contractor's designated bank. Bank charges, if any will be on account of the Contractor.
- 30.3 Payment of any invoices shall not prejudice the right of Company to question the validity of any charges therein, provided Company within one year after the date of payment shall make and deliver to the Contractor written notice of objection to any item or items the validity of which in question.

- 30.4 **Invoices:** Mobilization charges will be invoiced only upon completion of mobilization (after commencing of operation at the first well), submission / production of appropriate inventory documents, and physical verification by Company Representative.
- 30.5 Contractor shall send invoice to Company on the day following the end of each month for all daily or monthly charges due to the Contractor.
- 30.6 Invoice for reimbursable charges related to the contract will be accompanied by documents supporting the cost incurred.
- 30.7 Contractor will submit **three (03) sets** of all invoices duly super scribed 'Original' and 'copy' as applicable to the company for processing payment. Separate invoices for the charges payable under the contract shall be submitted by the Contractor for foreign currency and Indian currency.
- 30.8 Payment of monthly invoices, if undisputed, shall be made within 30 days following the date of receipt of invoice by Company.
- 30.9 Company shall within 20 days of receipt of the invoice notify the Contractor of any item under dispute, specifying the reasons thereof, in that event payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion on or before the due date. This will not prejudice the company's right to question the validity of the payment at a later date.
- 30.10 Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by Company. Mobilization should be complete in all respect before raising invoice.
- 30.11 Payment of demobilization charges shall be made when applicable within 45 days following receipt of invoice by Company accompanied by the following documents from the contractor:
- a) Audited account up to completion of the Contract.
 - b) Tax audit report for the above period as required under the Indian Tax Laws.
 - c) Documentary evidence regarding the submission of returns and payment to taxes for the expatriate personnel engaged by the Contractor or by its sub-contractor.
 - d) Proof of re-export of all items (excepting consumables consumed during the contract period) and also cancellation of re-export bond if any.
 - e) Any other documents as required by applicable Indian Laws.

In case, no demobilization charges are payable the documents mentioned above will have to be submitted by the Contractor before release of the final payment by the company.

- 30.12 Contractor shall maintain complete and correct records of all information on which Contractor's invoice are based up to 2 (two) years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query / objection.

31.0 APPLICABLE LAWS

31.1 The Contract shall be deemed to be a Contract made under, governed by and construed in accordance with the laws of India.

31.2 Contractor shall ensure full compliance of various Indian Laws and statutory regulations as stated below, but not limited to, in force from time to time and obtain necessary permits/ licenses, etc. from appropriate authorities for conducting operations under the Contract:

- a) Mines Act - as applicable to safety and employment conditions.
- b) Oil Mines Regulations, 1983.
- c) Workmen's Compensation Act.
- d) Payment of Wages Act.
- e) Payment of Bonus Act, 1965.
- f) Contract Labour (Regulation & Abolition) Act, 1970.
- g) Employees Provident Fund and Family Pension Scheme.
- h) Interstate Migrant Workmen Act, 1979 (Regulation of employment and conditions of service).
- i) Income Tax Act & Sales Tax Act
- j) Customs and Excise Act & Rules
- k) Insurance Act
- l) HSE Guidelines
- m) Labour License under Contract Labour (R&A) Act, 1970 & Central Rules-1971

31.3 If any expatriate personnel are engaged by the Contractor to perform the services required under the contract, securing permission from Ministry of External Affairs (MEA), Ministry of Home Affairs (MOHA), Ministry of Defense (MOD) Govt. of India and Local Authorities on time shall rest on the Contractor. OIL will only assist the contractor by providing introductory letter / recommendatory letter required if any for securing the above permissions.

32.0 **Subsequently Enacted Laws:** Subsequent to the date of issue of letter of award if there is a change in interpretation of or amendment of or enactment of any law or change in application or enforcement or interpretation of existing law by any governmental authority or public body, which results in addition/ reduction in cost to Contractor on account of the operation contemplated under the Contract, the Company/Contractor shall reimburse the Contractor/pay Company for such additional/reduced costs actually incurred/saved by Contractor, subject to the submission of documentary evidence by Contractor/Company.

33.0 WITH-HOLDING

33.1 The Company may with-hold or nullify the whole or any part of the amount due to the Contractor on account of subsequently discovered evidence in order to protect the Company from loss on account of :

- (a) Non-completion of jobs assigned as per Section-II (Scope of Work/Terms of Reference).
- (b) Contractor's indebtedness arising out of execution of this contract.

- (c) Defective work not remedied by the Contractor.
- (d) Claims by sub-contractor of the Contractor or others filed or on the basis of reasonable evidence indicating probable filing of such claims against the Contractor.
- (e) Failure of the Contractor to pay or provide for the payment of salaries/wages, contributions, unemployment, compensation, taxes or enforced savings with-held from wages etc.
- (f) Failure of the Contractor to pay the cost of removal of unnecessary debris, materials, tools, or machinery.
- (g) Deleted.
- (h) All claims against the Contractor for damages and injuries, and / or for non-payment of bills etc.
- (i) Any failure by the Contractor to fully reimburse the Company under any of the indemnification provisions of this contract. If, during the progress of the work the Contractor shall allow any indebtedness to accrue for which the Company, under any circumstances in the opinion of the Company may be primarily or contingently liable or ultimately responsible and the Contractor shall, within five days after demand is made by the Company, fails to pay and discharge such indebtedness, then the Company may during the period for which such indebtedness shall remain unpaid, with-hold from the amounts due to the Contractor, a sum equal to the amount of such unpaid indebtedness.
- (j) With-holding will also be effected on account of the following :
 - i) Garnishee order issued by a Court of Law in India.
 - ii) Income Tax deductible at source according to law prevalent From time to time in the country.
 - iii) Any obligation of the Contractor which by any law prevalent from time to time to be discharged by the Company in the event of the Contractor's failure to adhere to such laws.
 - iv) Any payment due from the Contractor in respect of unauthorized imports.

33.1.1 When all the above grounds for with-holding payments shall be removed, payment shall thereafter be made for amounts so with-held.

33.2 Notwithstanding the foregoing, the right of the Company to withhold shall be limited to damages, Claims and failure on the part of Contractor which is directly / indirectly to some negligent act or omission on the part of the Contractor relating to the Contractor's obligation on the Contract

34.0 **SET-OFF:** Any sum of money due and payable to the Contractor (including Performance Security refundable to them) under this or any other Contract may be appropriated by OIL and set-off against any claim of OIL (or such other person or persons contracting through OIL) for payment of a sum of money arising out of this contract or under any other contract made by the Contractor with OIL (or such other person or persons contracting through OIL).

35.0 INGRESS AND EGRESS AT LOCATION:

- 35.1 The Company shall provide the Contractor, if required, requisite certificates for obtaining rights of ingress to, egress from locations where jobs are to be performed, including any certificates required for permits or licenses for the movement of the Contractor's personnel/equipment. Should such permits/licenses be delayed because of objections of concerned authorities in respect of specific Contractor's person(s), such person (s) should be promptly removed from the list by the Contractor and replaced with acceptable person (s).

36.0 GENERAL HSE GUIDELINES:

- 36.1 It will be solely the Contractor's responsibility to fulfill all the legal formalities with respect to Health, Safety and Environmental aspects of the entire job (namely; the person employed by him, the equipment, the environment, etc.) under the jurisdiction of the district of that state where it is operating. Ensure that all sub-contractors hired by him comply with the same requirement as the Contractor himself and shall be liable for ensuring compliance all HSE laws by the sub or sub-sub contractors.
- 36.2 Every person deployed by the Contractor in a mine must wear safety gadgets to be provided by the Contractor. The Contractor shall provide proper Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement and Company PPE schedule. Safety appliances like protective footwear, Safety Helmet and Full Body harness has to be DGMS approved. Necessary supportive document shall have to be submitted as proof.
- 36.3 All persons deployed by the Contractor for working in a mine must undergo Mines Vocational Training (MVT), Initial Medical Examination (IME) and Periodical Medical Examination (PME). They should be issued cards stating the name of the Contractor and the work and its validity period, indicating status of MVT, IME & PME.
- 36.4 The Contractor shall submit to DGMS returns indicating – Name of his firm, Registration number, Name and address of person heading the firm, Nature of work, type of deployment of work persons, no. of work persons deployed, no. of persons hold MVT Certificate, no. of work persons undergone IME and type of medical coverage given to the work persons.
- 36.5 It will be entirely the responsibility of the Contractor/his Supervisor/representative to ensure strict adherence to all HSE measures and statutory rules during operation in OIL's installations and safety of workers engaged by him. The crew members will not refuse to follow any instruction given by Company's Installation Manager / Safety Officer / Engineer / Official / Supervisor/Junior Engineer for safe operation.
- 36.6 Any compensation arising out of the job carried out by the Contractor whether related to pollution, Safety or Health will be paid by the Contractor only.

- 36.7 Any compensation arising, due to the accident of the Contractor's personnel while carrying out the job, will be payable by the Contractor.
- 36.8 The Contractor shall have to report all incidents including 'Near Miss' to Installation Manager / departmental representative of the concerned department of OIL.
- 36.9 The Contractor has to keep a register of the persons employed by him/her. The Contractor's supervisor shall take and maintain attendance of his men every day for the work, punctually.
- 36.10 To arrange daily Tool Box Meeting, Job Safety Analysis meetings and Pit level safety meetings and maintain records.
- 36.11 The Contractor should prevent the frequent change of his contractual employees as far as practicable.
- 36.12 The health check up of contractor's personnel is to be done by the Contractor in authorized Health Centers as per OIL's requirement & proof of such test(s) is to be submitted to OIL. The frequency of Periodic Medical Examinations should be every five (5) years for the employees below 45 years of age and every three(3) years for employees of 45 years of age and above.
- 36.13 Records of daily attendance, accident report etc. are to be maintained in Form B, E, J (as per Mines Rules 1955) by the contractor.
- 36.14 In case Contractor is found non-compliant of HSE laws as required company will have the right for directing the contractor to take action to comply with the requirements, and for further non-compliance, the contractor will be penalized prevailing relevant Acts/Rules/Regulations.
- 36.15 For any HSE matters not specified in the contract document, the Contractor will abide by the relevant and prevailing Acts/rules/regulations/ pertaining to Health, Safety and Environment.
- 37.0 deleted
- 38.0 Pollution:
- 38.1 The contractor shall be liable for all surface pollution to the extent caused by Contractor and resulting from spillage or dumping of solvents/additive substances or pollutants which the Contractor brings to the site for use in connection with work to be performed under this Contract.
- 38.2 Pursuant to Clause 32.0 above, the Company agrees that Contractor shall not be responsible for and company shall indemnify and hold Contractor, its agent, servants, officers and employees harmless from any liability, loss, cost or expenses or loss or damage from pollution or contamination arising out of or resulting from any of Contractor's services/operations unless such pollution or contamination is caused by Contractor's gross negligence.

- 39.0 Notwithstanding anything to the contrary contained herein, it is agreed that Company shall release, Indemnify and hold Contractor and its sub-contractors harmless from any and all claims, judgments, losses, expenses and any costs related thereto (including but not limited to Court costs and Attorney fees) for
- a) Damage to or loss of any reservoir or producing formation, and/or
 - b) Damage or loss of any well, and/or
 - c) Any other subsurface damage or loss, and/or
 - d) Any property damage or loss or personal injury or death arising out of or in connection with a blowout, fire explosion and loss of well control regardless of cause.
- 40.0 Fishing: In case it is necessary for Company to “fish” for any of Contractor’s instruments or equipment, Company assumes the entire responsibility for such operations. However, Contractor shall provide necessary fishing equipment as per Section II “Scope of Work”. Contractor will, if so desired by Company and without any responsibility or liability on Contractor’s part render assistance, if required, for the recovery of such equipment and/or instruments. None of Contractor’s employees are authorised to do anything other than assist/advise and consult with Company in connection with such fishing operations, and any fishing equipment furnished by Contractor is solely as an accommodation to the company and Contractor shall not be liable or responsible for a damage that Company may incur or sustain through its use or by reason of any advice or assistance rendered to Company by Contractor’s agents or employees irrespective of cause.

(END OF PART-3, SECTION – I)

Part-3
SECTION – II

SPECIAL CONDITIONS OF CONTRACT

1.0 DEFINITIONS: Following terms and expression shall have the meaning here by assigned to them unless the context otherwise requires:

1.1 **“Associated Services”** means equipment and services, asked for, along with DRILLING Rig Unit in this bid document. These include but not limited to equipment & services; camp/catering/ medical /security services, communication, safety & fire fighting services well control services etc.

1.2 **“Base camp”** means the camp where the Bidder’s personnel shall reside for carrying out the operations as per the Contract.

1.3 **“Bidder’s representatives”** means such persons duly appointed by the Bidder thereof at site to act on Bidder’s behalf and notified in writing to the Company.

1.4 **“Operation”** means all operations as generally understood for Testing Oil/Gas wells, more particularly all the operations required to be carried out pursuant to this Contract.

1.5 **“DRILLING Rig Unit”** means DRILLING Rig complete with pumps, power packs, and other accessories and equipment as listed in the Contract.

1.6 **“Facility”** means and includes all property of Company owned or hired, to be made available for services under this Contract and as described in this agreement which is or will be a part of the Company.

1.7 **“Inter-location movement”** means transferring of DRILLING Rig Unit along with Associated Services & complete rig materials from present location after rig release till spud-in of the well at next location.

1.8 **“Operating Area”** means those areas in onshore India in which Company or its Affiliated Company may from time to time be entitled to conduct Operations pertaining to testing of Oil/Gas wells.

1.9 **“Operation Base”** means the place or places, onshore, designated as such by Company from time to time.

1.10 **“Spud/spudding/spudded-in of the well”** means the initiation of drilling of the well and the very first hit on well center of the new location after alignment and after the rig preparation is complete in all respects subsequent to clearance from safety, audit and the Company representative.

1.11 **Key Personnel** means the personnel holding the post of Rig Superintendent, Tool pusher, Tour Pusher, Driller, Chief Mechanic, Chief Electrician, HSE Officer, Medic/Doctor.

1.12 "DSA" means Drilling Site Accommodation at well site where Company's personnel, Personnel of Company's service providers and the Bidder's key personnel shall reside for carrying out the operations as per the Contract.

1.13 "Company's items" means the equipment, materials and services, which are to be provided by company at the expense of company and listed in the Contract.

1.14 "Bidder's items" means the equipment, materials and services, which are to be provided by Bidder or company at the expense of the Bidder which, are listed in section under terms of reference and technical specifications.

2.0 MOBILIZATION

2.1 The mobilization of the DRILLING Rig Unit and associated services shall commence on the date of receipt of the Letter of Award, awarding the Contract and continue until the complete DRILLING Rig Unit is properly positioned at the first location after obtaining all the permits & clearances, rig-up operations completed (duly certified by the Company representative) and the well is actually started as per policy.

After the receipt of Letter of Award, Bidder shall submit fortnightly report or any other report as desired by Company showing progress in each activities of mobilization.

2.2 The Bidder will advise readiness for commencement of mobilization / shipment to Company, at least 3 days before actual mobilization / shipment commences.

2.3 Mobilization charges will be payable after the commencement date as certified by the Company.

2.4 Company at its discretion may allow to start operation without complete mobilization, however necessary deduction for short supplied items will be made as per cost evaluated by OIL.

(i) For any items supplied by the Company, rental will be calculated after amortizing the cost of the item over a period of 5 years applying 15% PTRR (Post tax rate of return). Similar deductions will also be made for short supplied items (neither supplied by Company nor by the Bidder).

(ii) Deduction will be calculated based on Company's determined cost, which shall be treated as final, basis of which shall provide to the Bidder.

(iii) Notwithstanding this provision for partial mobilization bidder must quote in accordance with relevant clauses for full mobilization.

2.4.1 Deleted.

2.4.2 In case any items/equipment are issued to Bidder on "outright sale" basis, the deduction shall be made as calculated by the Company based on Company's determined cost, which shall be treated as final, basis of which shall be provided to the Bidder.

3.0 BIDDER'S PERSONNEL

3.1 Except as otherwise hereinafter provided, Bidder shall be responsible for the selection, replacement, and determining remuneration of Bidder's personnel. Such employees shall be employees solely of the Bidder. Bidder shall ensure that its personnel will be competent and efficient. However, the Bidder shall provide details of experience, qualification and other relevant data of the personnel to be deployed for scrutiny and clearance by the Company before actual deployment. The Bidder shall not deploy its personnel unless cleared by the Company.

3.2 The Bidder shall nominate one of its personnel as Bidder's representative who shall be in charge of Bidder's personnel and who shall have full authority to resolve all day to day matters, which arise at the Site.

3.3 The Bidder shall be responsible for arranging relief of personnel during vacation, statutory off days, sickness etc. entirely at their cost. However, the relief personnel also must have the qualification/experience as indicated in the bid document i.e. Part-3 and Bidder shall submit qualification/ bio-data / experience / track record of the personnel. Moreover, the Bidder will have to obtain prior approval from Company for the relief personnel of the Bidder.

3.4 Bidder shall provide all manpower for necessary supervision and execution of all work under this Contract to Company's satisfaction except where otherwise stated. The minimum number of key personnel to be deployed is mentioned in this document.

The Bidder shall indicate their manpower category-wise clearly in their offer. The qualification/bio-data / experience / track record of the personnel proposed to be deployed shall have to be indicated clearly. Any additional manpower deployed by the Bidder shall be at the expense of the Bidder.

3.5 **Replacement of Bidder's Personnel:** The Bidder will remove and replace any Bidder's personnel, who in the opinion of the Company, is incompetent, or negligent or of unacceptable behaviour or whose employment is otherwise considered by the Company to be undesirable. The replacement personnel also must have the qualification/ experience as indicated Part-3 of the bid document. Bidder shall submit qualification/bio-data/ experience/ track record of the replacement personnel and shall obtain prior approval from Company for the replacement personnel. The replacement of such personnel will be fully at the cost of the Bidder and shall be made within Seven (7) days of such instruction from the Company.

3.6 Bidder shall deploy on regular basis, all category of their employees required for carrying out economic and efficient operations for testing Oil/Gas wells.

4.0 FOOD, ACCOMMODATION, TRANSPORTATION AND MEDICAL FACILITY AT WILL SITE

4.1 Bidder shall provide accommodation, food & services for all, its own & its sub-Bidder's personnel and for twenty two (22) of Company designated personnel free of charge. Company will pay to Bidder for accommodation and food for

Company's/ Company's third party personnel in excess of twenty two personnel (22) per day. Bidder shall provide Junior & Senior Mess as per Industry Standard.

4.2 Transportation of Bidder's & third party personnel shall be arranged by Bidder whilst that of Company's personnel staying at base camp will be arranged by Company. Transportation of OIL's third party personnel staying at Base/well-site camp will have to be provided by the Rig Bidder.

4.3 **Medical Facilities:** The Bidder shall arrange for first aid and emergency medical facilities and Doctor including an ambulance on 24 hours basis at Bidder's cost.

5.0 BIDDER'S ITEMS

5.1 The Bidder shall provide Bidder's items to perform the services under the Contract as specified in this document. The Bidder shall be liable obtain any permits or licenses required for the use of Bidder's Items

5.2 The Bidder shall be responsible for maintaining, at his cost, adequate stock levels of Bidder's items including spares and replenishing them as necessary.

5.3 The Bidder shall be responsible for the maintenance and repair of all Bidders' items and shall provide all spare parts, materials, consumables etc. during the entire period of the Contract.

5.4 The Bidder shall provide full water requirement at rig site and campsite. The camp shall have proper water filtration plant for drinking water.

5.5 The Bidder shall provide all fuels and lubricants for operation of Bidder's equipment both at well site and camp site at Bidder's cost. There shall be no escalation in day rates throughout the duration of contract including extension, on account of any price increase in fuel/lubricants etc. However, variation in the price of HSD both plus and minus after the techno-commercial bid opening date shall be applicable with effect from the date on which such variation takes place and such variation in price both plus and minus shall be adjusted from the monthly invoices. For the purpose of claiming the variation in rate of HSD, Bidder shall submit the necessary supporting documents like invoice copy. Further, the Bidder have to indicate the daily consumption of the HSD for DRILLING Rig unit and all its equipment including mud treatment at the site in the DPR/IADC report. The price prevailing in Jodhpur, Rajasthan on the techno-commercial bid opening date shall be taken as base price.

Note:

- a) Bidder to provide measuring facility in each engine to monitor the daily consumption of fuel.
- b) Opening & closing stock to be provided to Company Representative once in a week for ascertaining the consumption of fuels.

5.6 The Bidder will provide electricity at both drill-site and campsite for meeting both Bidders' as well as the Company's requirement.

5.7 Zero Day Rate shall be applicable for shutdown of operations on account of inadequate supply of Bidder's items including but not limited to electricity, lubricants, water, personnel and fuel.

6.0 CONDUCTING OPERATIONS

6.1 The Bidder shall carry out all operations mentioned hereunder with due diligence in a safe and workmanlike manner and in accordance with accepted international oilfield practices.

6.2 Wells shall be drilled to a depth as specified in the drilling programme but subject to the condition that Company may elect to drill a well to a depth either lesser or deeper than originally planned. However, it shall be within the drilling depth range and maximum casing section depth of the rig.

6.3 The Drilling Rig Unit and all other equipment and materials to be provided by Bidder shall be in good working condition.

6.4 The drilling programme provided by Company shall primarily include planning of the following:

- a) Well structure & deviation plan.
- b) Casing programme.
- c) Well head assembly including production well head.
- d) Expected formation details.
- e) Mud rheology and physico-chemical parameters.
- f) Coring programme (if any).
- g) Cementing programme.
- h) Drill stem and surface production testing programme (if any).
- i) Wire-line logging programme.
- j) Mud hydraulics programme.

6.5 Well testing programme provided by the Company primarily may include the following:

- a) Well testing programme.
- b) Well head assembly, blow out prevention system.
- c) Details of well testing string.
- d) Mud hydraulics programme.
- e) Cement repair programme (if any).
- f) Wire line logging programme.
- g) Drill out plug and packers (if any).
- h) Casing repair job.
- i) Gas and water injection programme.
- j) Wire line operation including perforation.
- k) Well abandonment Programme.

6.6 Completion of drilling shall occur when the well has been drilled to the required depth with casings lowered, cemented, logged satisfactorily, hermetically tested, and drill pipes broken off and initial production testing carried out unless otherwise advised by Company.

6.7 Upon Drilling of a test well, statement stating that the well has been completed in accordance with the terms of this Contract and signed by the representatives of both Bidder and Company, will be made available to Company.

6.8 **Operation of Drilling Rig Unit:** Bidder shall be solely responsible for the operation of the Drilling Rig Unit including, but not limited to, supervising rig move operations and positioning and rigging up at next location as required by Company as well as such operations at locations as may be necessary or desirable for the safety of the Drilling Rig Unit.

6.9 **Safety:** Bidder shall observe such safety regulations in accordance with acceptable oilfield practice and applicable Indian Laws such as Mines Act, Oil Mines Regulation Act 1984 including all circulars as given by DGMS time to time, IER, safety rules recommendations from SPCB, OISD & MoEF etc. The Bidder shall take all measures reasonably necessary to provide safe working conditions and shall exercise due care & caution in preventing fire, explosion and blow out, and maintain fire fighting and well control equipment in sound condition at all times. Bidder shall conduct such safety drills, BOP tests etc. as may be required by Company at prescribed intervals.

6.10 **Cores:** Bidder shall take either rat-hole or full-hole, conventional or diamond cores between such depths as specified by Company and in the manner requested by Company in consultation with third party coring service expert.

6.11 Deleted

6.12 **Hole Inclination:** The Bidder shall do his best in accordance with good oilfield drilling practices to maintain the deviation of the hole within the limit specified by the Company in the drilling programme. Shall the well deviation from vertical exceed the above-specified limit, Bidder will take necessary steps to bring the hole within permissible limit as requested by the Company. The Bidder will deliver all such deviation survey records to OIL. No separate charge shall be payable for this service and it will be covered under per Day Rate.

6.13 **Planned Deviation Drilling:** Bidder shall do his best in accordance with good oilfield drilling practices to assist the directional drilling expert & services hired by the Company to maintain planned deviation of the hole within the limit specified by the Company. The Bidder shall deliver all deviation survey records to the Company.

6.14 Bidder shall assist in performing any tests to determine the productivity of any Formation encountered as may be directed by Company. Such tests and services may include, but not limited to electric logging, drill stem tests, perforation of casing, acidizing, swabbing, fracturing and acid fracturing. Specialized Tools and personnel for these operations will be provided by the Company.

6.15 **Depth Measurement:** Bidder shall at all times be responsible for keeping accurate record of the depth of the hole and record such depth on the daily drilling report and tally books. OIL shall have the right at any time to check measurements of the depth of the hole in any manner.

6.16 Plug back and Sidetrack: Upon being requested to do so by the Company, the Bidder shall cease drilling and carryout operations for plug-back and sidetrack of the hole.

6.17 Casing and Cementing: Lowering and cementing of all casings is Bidder's responsibility with the help of service contract's (cementing) personnel for these jobs. Bidder shall use best effort and methods to run and set casings of the sizes, weights/ grades and at depths as instructed by the Company. Bidder shall allow cement to set for a length of time as specified by the Company. During such time, Bidder shall assemble blow-out prevention equipment and test the same in a manner satisfactory to Company and otherwise make preparation for subsequent work. After cement has set, casing string shall be tested in a manner satisfactory to Company, and Bidder shall continue such testing until results satisfactory to Company are secured. Any re-cementing or repairs to casing will be done at Company's discretion. Cementation of all stages of casings shall be carried out by third party hired by the Company.

6.18 The Bidder is required to provide all necessary assistance as per standard international practice to Mud Engineering Service provider hired by the Company for effective maintenance of testing and Drilling fluid parameters in accordance with specifications and/ or formulations set forth by the Company.

6.19 In the event of any fire or blow-out, Bidder shall use all reasonable means at his disposal to protect the well and bring the said fire or blow-out under Control.

6.20 Adverse Weather : Bidder, in consultation with Company, shall decide when, in the face of impending adverse weather conditions, to institute precautionary measures in order to safeguard the well, the well equipment, the Drilling Rig Unit and personnel to the fullest possible extent. Bidder and Company shall each ensure that their representatives for the time being at well site will not act unreasonably in the exercise of this clause.

6.21 AMENDMENTS OF DRILLING AND COMPLETION PROGRAMME:

It is agreed that Bidder shall carry out testing, drillings, abandonment, if any and all other operations, in accordance with the well programme to be furnished by Company, which may be amended from time to time by reasonable modification as Company deems fit, in accordance with good oil field practices.

6.22 APPLICABLE RATE FOR EXTENSION OF DRILLING BEYOND PROJECTION MADE IN TENDER (APPLICABLE FOR ALL SIZE & STAGES OF DRILLING): It may be required to drill beyond the depth projected in this tender and also in those specified in well policy at no extra cost to OIL.

6.23 WELL POLICY: The drilling policy given in this document is tentative only. The depth, nature, area or all other factors may vary depending on the actual requirement at and during the time of commencement of the Contract. The Bidder shall be bound to obey those changes made by OIL from time to time.

6.24 COMPLETION OR ABANDONMENT: Bidder agrees to perform all work necessary to complete or abandon each well in the manner specified by the Company.

7.0 BIDDER'S SPECIAL OBLIGATIONS

7.1 It is expressly understood that Bidder is an independent Bidder and that neither it nor its employees and its sub Bidders are employees or agents of Company provided, however, Company is authorized to designate its representative, who shall at all times have access to the Unit, related equipment and materials and all records, for the purposes of observing, inspecting and designating the work to be performed hereunder by Bidder. The Bidder may treat Company's representative at well site as being in-charge of all Company's designated personnel at well Site. The Company's representative may, amongst other duties, observe, test, check and control implementation of mud and testing programs, equipment and stock, examine cuttings and inspect works performed by Bidder or examine records kept at well site by Bidder.

7.2 **COMPLIANCE WITH COMPANY'S INSTRUCTIONS:** Bidder shall comply with all instructions of Company consistent with the provision of this Contract, including but not limited to well control, safety instructions, confidential nature of information, etc. Such instructions shall, if Bidder request, be confirmed in writing by Company's representative.

7.3 **WELL RECORDS:** Bidder shall keep an authentic log and history of each well on the daily report prescribed by the Company and upon completion or abandonment of the well, deliver to the Company, the original history and log book, properly signed and all other data and records of every nature, relating to completion of the well. Such reports shall include the depth drilled, formations encountered and penetrated, depth cored and footage of cores recovered, during the preceding twenty four (24) hours, details of BHA in hole, details of drilling parameters maintained and any other pertinent information relating to the well. The real time depth data monitoring system must be working round the clock basis and should have a back up for a least 2 months in its memory. It must provide a minimum but not limited to ROP, Rotary torque, WOB, T/block position, Mud volume.

The Bidder shall also provide the Company:

- Daily report on IADC pro-forma duly certified by the Company's representative along with daily record-o-graph or drill-o-meter chart.
- Daily report on P.O.L. consumption.
- Deviation charts/records on daily basis, whenever applicable.
- Casing tally/ tubular tally details: After each job, as applicable.
- Well completion/ abandonment: After completion of a well successfully, Bidder will provide completion report of the well with all information and events including above-mentioned information. In case of abandonment of a well, abandonment report, in addition to above, will be provided by the Bidder in Company's prescribed format or as per requirement.
- Daily roster of Bidder's personnel.

- The Bidder shall maintain inventory of rig equipment & accessories at site, indicating their respective models, serial nos., vintage, specifications etc. The Bidder shall provide inventory list endorsed by Company representative and any addition & deletion of items will be intimated to Company representative.
- All items including consumables imported through EC clearance under 'Nil' Customs Duty shall be recorded in the proper format, indicating date of receipt, type, consumption, date of replacement etc.
- Bidder shall provide the list of the items, equipment, consumables etc. to be re-exported by them after completion of services under this Contract along with all relevant documents.

7.4 Confidentiality of Information: All information obtained by the Bidder in the conduct of testing Operations hereunder, including but not limited to, depth, formations penetrated, coring, testing, surveying etc. Shall be considered confidential and shall not be divulged by Bidder or its employees to anyone other than Company's representative. This obligation of Bidder shall be in force even after the termination of the Contract.

7.5 The Bidder shall carry out normal maintenance of Company's items at well site excepting for those items which Bidder is not qualified to, or cannot maintain or repair, with its normal complement of personnel and equipment.

7.6 The Bidder shall provide the list of items to be imported in the format specified in Proforma-A for issuance of recommendatory letter to Directorate General of Hydrocarbons (DGH), New Delhi for clearance of goods from Indian customs at concessional (NIL) rate of customs duty.

7.7 The Bidder shall arrange for inland transportation of all equipment, etc. from the port to the place of work and back at the end of the work at their own expense. Arrangement of Road Permits and payment of Entry Tax for bringing Bidder's equipment/ material to Work place shall be Bidder's responsibility.

7.8 In case the Bidder import the equipment etc. on re-export basis, the Bidder shall ensure for re-export of the equipment and all consumables and spares (except those consumed during the contract period) and complete all documentation required. Company will issue necessary certificates etc. as required. The Bidder shall arrange for re-export of equipment within 60 (sixty) days of notice of de-mobilization issued by the Company. If the re-export is not completed within the specified period, customs duty, penalty etc. levied by customs authorities for such delay shall be to Bidder's account and same will be deducted by the Company from Bidder's bills and Security Deposit.

7.9 INSPECTIONS:

- Pre-move Inspection:
- The Bidder shall engage an independent third party inspection agency acceptable to Company as listed at 1.4 of Part-2 under BEC/BRC, to inspect all Bidder tubular, drill string, and handling equipment as specified below at Bidder's cost prior to the Commencement Date.

- Bidder shall upon request by Company provide documentation of the last inspection of the drill string and hoisting equipment including rotating hours.
- Bidder shall ensure that its tubular, drill string and all other down hole tools furnished by Bidder are inspected according to TH Hill DS-1, Level 3 standards.
- Copies of all inspections reports are to be sent to Company along with an explanation of the standards used for the inspection procedures. All inspection reports shall be legibly signed by an identified person.
- In case an inspection has encountered minor deficiencies, which do not adversely affect the efficiency or safety of the operations, Company will not delay the commencement of the Contract and Bidder may rectify such deficiencies as soon as practical after the Commencement Date. It is however understood that in the event a shutdown of the operation is required, such time shall be at the zero rate and shall not be counted towards the Repair Rate.
- If new tubular and handling equipment are used, pending review of mill/manufacturer's certification, no inspection will be required.
- Inspection during Well Operation:
 - The DRILLING RIG Unit and Equipment shall be available for inspection by Company promptly upon request and as often as Company requests.
 - During the execution of the Work Program, Bidder to inspect the tubular, drill string , handling / fishing tool /and all down hole tools furnished by Bidder after every six (6)months as per DS 1 standard.
 - Hoisting and handling equipment shall be inspected in accordance with the intervals as per Bidder's inspection and maintenance standards.
- Blowout Preventer

Bidder shall inspect, install, and pressure test all Blowout Preventer equipment. All documentation of certification, pressure testing, and BOP drills will be made available to the Company. Any discrepancies to the Bidders or Companies safety policy will be corrected prior to continuation of operations. All related documentation will be made available to the Company.
- Lifting Equipment:
 - All lifting equipment, except brand new equipment (where current certification is available) including but not limited to shackles, slings, pad eyes, crane, man riding equipment, elevators, bails, pulleys etc. must be inspected to and at a frequency directed by current manufacturer's guidelines and relevant API Recommended Practices.
 - As a minimum, all lifting equipment shall be fully inspected on an annual basis by an independent third party, NDT inspectors who are fully qualified to international standard.

- Full visual inspection shall be carried out by every 6 (six) months by Bidder and Company together.
- Dye Penetration Test will only be done to the hook of the crane. Load test of the crane at different loads will be carried out.

7.10 MAINTENANCE

- The Bidder shall have in place and carry out the manufacturer's recommended preventive maintenance program for all equipment. Such program(s) are to be made available to OIL upon request.
- All replacement parts must be manufactured by the original equipment manufacturer (OEM).
- Fasteners and seal elements for BOP equipment must also be manufactured by the original equipment manufacturer (OEM).
- Complete traceability of all BOP parts, fasteners and seal elements must be maintained by Bidder.
- All BOP seal elements are to be stored per manufacturer's recommendations as to:
 - (a) Sunlight exposure
 - (b) Temperature and moisture control
 - (c) Dust and other contamination protection

8.0 COMPANY'S SPECIAL OBLIGATIONS:

8.1 The Company shall at its cost, provide items and services as shown in this document.

8.2 The Company shall be responsible at its cost, for maintaining adequate stock levels of its items and replenishing the same as deemed necessary, unless specified to the contrary elsewhere in the Contract.

8.3 **Ingress and Egress at location:** The Company shall provide to the Bidder necessary introductory/recommendatory letter for obtaining rights of ingress to and egress from the locations from appropriate authorities where wells are to be drilled, including any letter required for work permits or licenses for the movement of Bidder's personnel. Shall such permits/ licenses be delayed because of objections of appropriate authorities in respect of specific Bidder's personnel; such personnel shall be promptly removed from the list by the Bidder and replaced by acceptable personnel. It shall be the Bidder's responsibility to do all necessary process works for obtaining work permit from appropriate authorities. For any stoppage of operations for such delays, no Day Rate will be applicable.

9.0 PAYMENTS, MODE OF PAYMENT, RATES OF PAYMENT, SET-OFF, FORCE MAJEURE ETC.

9.1 The Company shall pay to the Bidder during the term of the Contract the amount due from time to time calculated according to the rates of payment set and in accordance with other provisions hereof. No other payments shall be due from Company unless specifically provided for in the Contract. All payments will be made in accordance with the terms hereinafter described.

9.2 **Mode of Payment:** All payments due by Company to Bidder hereunder shall be made at Bidder's designated bank account with Reserve Bank of India (RBI)'s approval, if applicable. Bank charges, if any shall be on account of the Bidder.

9.3 Payment of any invoices shall not prejudice the right of Company to question the validity of any charges therein, provided Company within 2 (two) year after the date of payment shall make and deliver to Bidder written notice of objection to any item or items the validity of which in question.

9.4 **Invoices:** Mobilization charges shall be invoiced only upon completion of mobilization (after commencing of operation at the first well), submission/production of appropriate inventory documents, and physical verification by the Company representative.

9.5 The Bidder shall send monthly invoice to the Company on the third day of the following month for all daily or monthly charges due to the Bidder.

9.6 Billings for daily charges shall reflect details of time spent (calculated to the nearest quarter hours) and the rates charged for that time. This shall be in the form of monthly time analysis chart(s). Monthly invoices will be raised only after start of well operation of the first well.

9.7 Invoice for reimbursable charges related to the Contract will be accompanied by documents supporting the cost incurred.

9.8 The Bidder will submit three sets of all invoices duly super scribed 'Original' and 'copy' as applicable to the Company at the Company address given under Clause 14.1 of 'General Conditions of Contract' above for processing payment. Separate invoices for the charges payable under the Contract shall be submitted by the Bidder for foreign currency and Indian currency.

9.9 Payment of monthly invoices, if undisputed, shall be made within 30 (thirty) days following the date of receipt of invoice by Company excepting for the first two (2) monthly invoices where some delay (up to two month) may occur.

9.10 Company shall within 20 (twenty) days of receipt of the invoice notify the Bidder of any item under dispute, specifying the reasons thereof, in which event, and payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion on or before the due date. Payment of any amount to the Bidder shall not prejudice the Company's right to question the validity of the payment at a later date as envisaged in Clause 9.3 above.

9.11 The acceptance by Bidder of part payment on any billing not paid on or before the due date shall not be deemed a waiver of Bidder's rights in any other billing, the payment of which may then or thereafter be due.

9.12 Payments of other invoices as set forth in Clause 9.7 shall be made within 60 (sixty) days following the date of receipt of the invoices by Company.

9.13 Payment of Mobilization Charges shall be made within 60 (sixty) days following the date of receipt of undisputed invoices by the Company. Mobilization shall be complete in all respect before raising invoice.

9.14 Payment of Demobilization charges shall be made when applicable within 45 (forty five) days following receipt of invoice by Company accompanied by the following documents from the Bidder:

- Audited account up to completion of the Contract.
- Tax audit report for the above period as required under the Indian Tax Laws.
- Documentary evidence regarding the submission of returns and payment to taxes for the expatriate personnel engaged by the Bidder or by its sub-Bidder .
- Proof of re-export of all items including the unutilized spares and consumables (excepting consumables consumed during the contract period) and also cancellation of re-export bond if any.
- Any other documents as required by applicable Indian Laws.

In case, no de mobilization charges are payable, the documents mentioned above will have to be submitted by the Bidder before release of the final payment by the Company.

9.15 Bidder shall maintain complete and correct records of all information on which Bidder's invoice are based up to 2 (two) years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query/ objection. Any audit conducted by Company of Bidder's records, as provided herein, shall be limited to Company's verification (i) of the accuracy of all charges made by Bidder to Company and (ii) that Bidder is otherwise in compliance with the terms and conditions of this Contract.

9.16 **SET-OFF:** Any sum of money due and payable to the Bidder (including Performance Security refundable to them) under this or any other contract may be appropriated by OIL and set-off against any claim of OIL (or such other person or persons contracting through OIL) for payment of a sum of money arising out of this Contract or under any other contract made by the Bidder with OIL (or such other person or persons contracting through OIL).

9.17 **SUBSEQUENTLY ENACTED LAWS:** Subsequent to the date of issue of letter of award if there is a change in or enactment of any law or interpretation of existing law, which results in addition/reduction in cost to Bidder on account of the operation contemplated under the Contract, the Company/ Bidder shall reimburse

the Bidder/pay Company for such additional / reduced costs actually incurred/ saved by Bidder, subject to the submission of documentary evidence by Bidder/ Company.

10.0 LOSS OR DAMAGE TO HOLE:

OIL shall be liable for the cost of regaining control of any wild well as well as the cost of removal of debris, and shall indemnify Bidder, for any such cost, regardless of the cause thereof, including but not limited to the negligence of Bidder, its Agents, Employees or sub-Bidders . OIL shall be responsible for and shall indemnify and hold harmless Bidder from any claims in respect of loss or damage to the hole or well. In the event the hole is lost or damaged because of the negligence of Bidder, Bidder's sole responsibility thereafter shall be the obligation to repair such damage within the limits of Bidder's normal complement of equipment and personnel or re-drill the hole in the same well or an alternate well to the depth at which, such hole was lost at a rate equal to fifty (50) percent of the Operating Day Rate only by deploying the drilling unit and personnel provided however, that in the case of any relief well, Operator shall be solely responsible for all other costs or damage with respect to such loss or damage, regardless of the cause of such loss or damage.

10.1 DAMAGE OR LOSS OF THE DRILLING RIG UNIT: The Bidder shall at all times be solely responsible for any damage to or loss or destruction of the Drilling Rig Unit and its other property irrespective of how such loss, damage or destruction is caused, and even if caused by the negligence of the Company and/ or his servants, agents, nominees, assignees, Bidders and sub Bidders, and the Bidder shall hold harmless and indemnify the Company from and against any expenses, loss or claim related to or resulting from such loss, damages or destruction.

If the Drilling Rig Unit is declared to be a total loss and/or construed to be total loss, as determined by the applicable insurance coverage, this Contract shall terminate in respect of the Drilling Rig Unit(s) as of the occurrence of the event causing such loss and each party shall there upon be released of all further obligations here under in respect of that Drilling Rig Unit(s), except for its payment of monies then due or liabilities to be charged in respect of the Work already done under this Contract in respect of that Drilling Rig Unit(s).

10.2 LOSS OR DAMAGE OF BIDDER'S SUBSURFACE EQUIPMENT

OIL shall reimburse Bidder for loss of or damage to Bidder's down hole equipment/ tool, as under, provided that such loss or damage is not occasioned by normal wear and tear/ malfunctioning of Bidder's tool/ Negligence on the part of the Bidder.

- In the case of Bidder's down hole equipment/ tool being damaged, OIL will reimburse Bidder such repair cost, provided however, that OIL shall not be required to reimburse Bidder any amount greater than that which would have been due had such equipment/ tool lost and, therefore, calculated under sub-section (ii) herein below.
- The Company shall at its option either reimburse the Bidder for the value of lost equipment/ tools as declared in the import invoices at the time of mobilization (or subsequent replacement/ addition) of the same equipment/ tools or CIF value as reflected in Proforma-A hereto whichever is lower (Plus customs duty paid by the

Bidder for the equipment tool lost/ damaged, provided that the said custom duty was not borne by the Company and the Bidder produces the documentary evidence towards payment of customs duty) for any such loss or damage of sub-surface equipment; less depreciation @ 3% per month from the date of start of this Contract with a maximum depreciation equivalent to 50% of CIF value as indicated by the Bidder or at its option replace similar equipment/tools to the satisfaction of the Bidder and any transportation expenses incurred in connection herewith.

All such costs shall be payable by the Company only after the Bidder has produced documentary evidence that the particular equipment/ tools in question was not covered by Bidder's insurance policies. For such claims the Bidder shall notify the Company within one month. The inspection of recovered equipment from down hole needs to be made by the Company representative before submission of the invoice by the Bidder.

10.3 COMPANY'S EQUIPMENT: The Bidder shall assume the risk of and shall be solely responsible for, damage to and loss or destruction of materials and equipment or supplies furnished by Company. In case there is a loss or damage to Company's equipment for causes attributable to Bidder, the Bidder shall compensate the Company.

10.4 BLOWOUT OR CRATER: In the event any well being drilled hereunder shall blowout or crater due to any causes, Bidder will bear the cost and expense of killing the well or otherwise bringing the well under control up to "US \$ 1.00 Million" for each incident and in this regard Company shall indemnify and hold Bidder harmless in excess of "US \$ 1.00 Million" for each incident. This applies only to the cost of bringing the well under control and is not to be interpreted as an assumption by Company of any liability for injuries, to Bidder's personnel and or damage to the Drilling Unit, caused by such blowout, to the Bidder, except as otherwise provided under the terms and conditions of this Agreement.

10.5 USE OF BIDDER'S EQUIPMENT: The Company shall have the right to use the Drilling Unit and the entire Bidder's equipment provided under the Contract during such times as Company or both Company and the Bidder are engaged in bringing the well under control.

10.6 POLLUTION AND CONTAMINATION: Notwithstanding anything to the contrary contained herein, it is agreed that the responsibility and liability for pollution or contamination shall be as follows :

a) The Bidder shall assume all responsibility and liability for cleaning up and removal of pollution or contamination which originates above the surface from spills of fuels, lubricants, motor oils, pipe dope, paints, solvents and garbage wholly in Bidder's possession and control and/or directly associated with Bidder's equipment and facilities, caused, and that originating from normal testing and well Drilling fluid.

b) Except as otherwise provided in Article a) above, Company shall assume all responsibility for (including control and removal of the pollutant involved) and shall protect, defend and save the Bidder harmless from and against all claims, demands, and causes of action of every kind and character arising from all pollution or contamination, other than that described in sub clause (a) above, which may occur from any cause including negligence of Bidder but not limited to,

that which may result from fire, blowout, cratering, seepage of any other uncontrolled flow of oils, gas, water or other substances, as well as the use or disposition of oil emulsion, oil base or chemically treated completion/kill fluids, , lost circulation and fish recovery materials and fluids provided however, Bidder's sole liability under this sub clause is to reimburse US Dollar One million (US \$ 1 million)of cost paid/ incurred by Company in control of the pollutant, cleanup costs, or damage to a third party, provided said pollution results from Bidder's sole negligence.

c) In the event a third party commits an act or omission which results in pollution or contamination for which either the Bidder or Company, by whom such party is performing work is held to be legally liable, the responsibility shall be considered as between Bidder and Company, regardless of the party for whom the job was performed and liability as set forth in (a) and (b) above would be specifically applied.

d) In the event effluent / waste pit provided by the Company, getting filled up in the normal course which can be prevented by the Bidder, the same shall be emptied completely or partially by the Bidder using disposal pumps, to avoid overflow in the neighbouring areas or alternatively the Company will provide additional pits at its cost. In case pits so constructed have seepage from the walls of the pit or bund of the pit, Company will take remedial action to prevent the same at its cost.

- The Bidder shall be responsible for any sound/ noise pollution arising out of the Rig package or other items used by the Bidder at well site and shall take measures to bring the noise level to applicable level as per Pollution Control Board Norms. Bidder must ensure that there is no disruption of operation due to sound/ noise pollutions.

11.0 WAIVERS AND AMENDMENTS:

It is fully understood and agreed that none of the terms and conditions of the Contract shall be deemed waived or amended by either party unless such waiver or amendment is executed in writing by the duly authorized agents or representatives of such party. The failure of the Company to execute any right of termination shall not act as a waiver or amendment of any right of the Company provided hereunder.

12.0 Deleted

13.0 DEMOBILISATION & RE-EXPORT: The Bidder shall arrange for and execute demobilization of the entire Rig package, Tools/Equipment/Spare/Accessories/Manpower etc. upon receipt of notice for demobilization from Company. Demobilization shall mean completion/ termination of the Contract and shall include dismantling of the complete Rig package, its accessories/equipment, including the manpower and re-export of the complete Rig package (if re-exportable), its accessories/ equipment, unutilized spares and consumables at the cost of the Bidder.

Demobilization shall be completed by Bidder within 60 (sixty) days of issue of demobilization notice by Company. Immediately after re-exporting the Rig package, its accessories, equipment and the unused spares and consumables,

Bidder shall submit the detailed re-export documents to Company as documentary proof of re-exporting the complete Rig package, its accessories, equipment and the unused spares and consumables. In case of failure to re-export any of the items as above within the allotted time period of 60 (sixty) days except under circumstances relating to Force Majeure, Company reserves the right to withhold the estimated amount equivalent to the Customs Duty and/or penalty leviable by customs on such default in re-export from Bidder's final settlement of bills and Performance Security.

13.1 In the event all/ part of the equipment etc. are transferred by Bidder within the country to an area where nil Customs Duty is not applicable and/ or sold to a third party after obtaining permission from Company and other appropriate government clearances in India, then Bidder shall be fully liable for payment of the Customs Duty.

13.2 Bidder must furnish an undertaking that "the equipment imported and also spares & accessories which remained unutilized after the expiry of the Contract, would be re-exported at their own cost after completion of contractual obligation and observing all the formalities/rules as per Customs Act or any other relevant Act of Govt. of India applicable on the subject". In case of non-observance of formalities of any provisions of the Customs Act or any other Act of Govt. of India, the Bidder shall be held responsible for all the liabilities including the payment of Customs Duty and penalties to the Govt. on each issue. Non-compliance of these provisions will be treated as breach of Contract and their Performance Bank Guarantee will be forfeited.

13.3 In the event all/ part of the equipment etc. are transferred by Bidder after expiry/ termination of the Contract within the country to another operator for providing services, and/or sold to a third party, Bidder shall obtain all necessary Govt. of India clearances including the Customs formalities for transferring to another operator and/or sale of the Rig package, its accessories, equipment and the unused spares and consumables to a third party. Company will not be responsible for any non-compliance of these formalities by Bidder. Payment of Customs Duty and penalties (if any) imposed by Govt. of India or Customs authorities for transferring the items in part or in full to an area where Nil Customs Duty is not applicable or sale of the items shall be borne by the Bidder and Bidder indemnifies Company from all such liabilities.

14.0 CONFIDENTIALLY: The Bidder agrees to be bound by professional secrecy and undertake to keep confidential any information obtained during the conduct of Operations, including, but not limited to, formations penetrated, results of coring, testing and surveying of the well. And to take all reasonable steps to ensure the Bidder's personnel likewise keep such information confidential.

14.1 This obligation shall keep in force even after the termination date and until such information will be disclosed by Company.

14.2 Bidder shall handover to Company all Company's documents or drafts concerning operations carried out and which are still in its possession before transferring the Drilling Rig Unit to another sphere.

14.3 Bidder shall forbid access to the Drilling Rig Unit to any people not involved in the operations or not authorized by the Company to have access to the Drilling Rig Unit, however, this provision is not applicable to any Government and/or police representative on duty.

15.0 RIGHTS AND PRIVILEGES OF THE COMPANY: The Company shall be entitled:

15.1 To check the Drilling Rig Unit and Bidder's items before the commencement Date. If they are not found in good order or do not meet specifications as per Section II or in case of non-availability of some of the Bidder's items listed therein, the Bidder may not be allowed for commencement until the Bidder has remedied such default.

15.2 To change the Drilling programme, mud programme, well depths to complete or abandon any well at any time.

15.3 To approve the choice of sub-Bidders for any essential third party contract, concerning materials, equipment, personnel and services to be rendered by Bidder. Sub-contract may be entered into by Bidder only after Company's approval.

15.4 To check, at all-times, Bidder's stock level, to inspect Bidder's equipment and request for renovation or replacement thereof, if found in unsatisfactory condition or not conforming to regulations or specifications.

15.5 To order suspension of operations at Zero Day Rate while and whenever:

- a) Bidder's personnel is deemed by Company to be not satisfactory; and/ or
- b) Bidder's equipment does not conform to regulations or to the specifications laid down in the Contract; and/ or
- c) Bidder's equipment turns into a danger to personnel on or around the rig or to the well; and/ or
- d) Bidder's insurance in connection with the operations hereunder is found by Company not to conform to the requirements set forth in the Contract; and/ or
- e) Bidder fails to meet any of the provisions in the Contract; and/ or
- f) Any shortage in key/ additional (compulsory) personnel and inadequacy of other personnel; and/ or
- g) Bidder is found non-compliant to HSE requirements as per Safe Operating Practices or applicable laws.

15.6 To reduce the rates reasonably, at which payments shall be made if the Bidder is allowed to continue the operation despite having certain deficiency in meeting the requirements as per provision in the contract.

16.0 EMERGENCY:

16.1 Without prejudice to Clause 10.5 hereof Company shall be entitled in emergency (the existence of which shall be determined by Company) at its own discretion, to take over the operations of the Drilling Rig Unit, direct Bidder's personnel in the event that Company's interest will demand so. In such case, Company will notify Bidder of its action and within three (3) days confirm such notice in writing, setting forth the reasons for its action.

16.2 In such event, Company shall pay the Bidder in accordance with the terms of the Contract as if the Bidder was carrying out the operations.

16.3 All operations so conducted shall remain at the risk of Bidder to the extent Bidder is covered by insurance. When the well has been completed or when the conduct of the operations has been returned to the Bidder, the equipment shall again be put at Bidder's disposal in the same condition as at the time the operations were taken over by Company, taking into account normal wear and tear and any inherent defects at the time of taking over by the Company.

17.0 **DURATION:** The rates, terms and conditions shall continue until the completion or abandonment of the last well being drilled and completion of testing operation.

17.1 **FIRM PRICE:** The rates payable under this Contract, shall be firm during the Contract period including the extension period, if any.

18.0 **SUSPENSION AT COMPANY'S REQUEST:** The Company shall have the right, without cause, at any time to require the Bidder to suspend the work under this Contract on giving notice to the Bidder specifying the estimated duration of the suspension period. The Work shall resume at the end of suspension period or such other date as the Company may specify to the Bidder by notice in writing. During the suspension period, Bidder shall be paid as per the provisions of the 'Schedule of Rates'. The Company shall notify the Bidder, whether it requires the Bidder to stack Equipment and/or Personnel at its current location or at a different location.

The total suspension period during the Contract duration shall not exceed 3 (three) months. However, beyond said period, the suspension period may be extended by the parties at mutually agreed rates, terms and conditions. The Company, at its discretion, may add back such suspension period to the original Contract duration at the same rates, terms and conditions by giving 30 (thirty) days notice to the Bidder before the expiry of the Contract.

19.0 **HEADINGS:** The headings of the clauses of the contract are for convenience only and shall not be used to interpret the provisions hereof.

20.0 **Deficiency:** In the event of Bidder's failure to strictly adhere in providing the minimum requirement of key personnel as set out in the bid document, penalty shall be levied at the following rates:

FAILURE	PENALTY
a) Failure to provide Rig Manager, Tool Pusher, Tour Pusher	At the rate of 5% of the operating day rate for the period of non-availability of Rig Manager, Tool Pusher, Tour Pusher separately in each case.
b) Failure to provide Driller & Asst Driller	At the rate of 3% of the operating day rate for the period of non-availability of Driller & Asst Driller separately in each case.
c) Failure to provide other rig personnel excepting those mentioned in a) & b) above	At the rate of 3% of the operating day rate for the period of non-availability of other key personnel excepting those mentioned in a) & b) above

Note:

1. The above penalty rates are applicable for the first five (5) days. In case more than one key personnel are not available at a time, penalties applicable for such personnel will be levied simultaneously.
2. Beyond Five (5) days, the penalty will be levied at double the rates mentioned above for each day for non-availability of any key-personnel.
3. Bidder will be paid zero rates if operation is suspended for non-availability of key-personnel.

In case of short deployment/ Deficiency on account of sickness/accident, 5 days will be allowed for replacement without any reduction in Day Rates subject to normal progress of the performance of Work. Beyond this, the clause 20 (Deficiency) will be applicable.

21.0 Top Drive System: Zero rates will be applicable if OIL decides not to continue operation due to non-function of the Top Drive System. However, stand-by rate will be applicable if OIL decides to continue operation without Top Drive System and continues operation with Kelly/swivel/Rotary system.

22.0 INTER-LOCATION RIG MOVE STANDARD:

22.1 Time allowed for rig package movement for a distance of 50 (fifty) KMs. will be 15 (fifteen) days. For more Kilometerage, the time allowed shall be in proportions of one (1) day for each 50 KM or part thereof.

22.2 In case of shifting of the base camp of the Bidder, to another area, addition of 5 days will be considered during inter-location movement period.

22.3 The time for inter-location movement suspended by Force Majeure, shall be extended by the period for which the Force majeure conditions last. No Day Rate, whatsoever, will be payable for extended period due to force majeure conditions (No force majeure clause will be applicable during ILM).

23.0 PREVENTION OF FIRE AND BLOWOUTS:

23.1 Bidder shall maintain all well control equipment in good condition at all times and shall take all possible steps to control and prevent the fire and blowouts to protect the hole. The Bidder shall be responsible for taking all preventive and corrective measures for initial control of kick, inflow, fire and

blowouts. After initial control of well, Bidder shall inform the Company's Representative about the well condition and finally well shall be killed after mutual discussion with Company's representative.

23.2 The Bidder shall test the BOPs by making pressure test at least once in every 7 (seven) days or as per API norms or such time as instructed by the Company Representative. However, the testing procedure and frequency must comply with the Mine's Rule. Bidder shall record results of all such tests in the daily operation report. Replacement of all blowout prevention rubber parts shall be on Bidder's account.

24.0 DISCIPLINE: The Bidder shall maintain strict discipline and good order among their respective employees and their respective Sub-Bidders, if any, and shall abide by and conform to all rules and regulations promulgated by the Company and Bidder governing the operations at the assigned worksites. Shall the Company feel with just cause that the conduct of any of the Bidder's personnel is detrimental to Company's interests, the Company shall notify Bidder in writing the reasons for requesting removal of such personnel. The Bidder shall remove and replace such employees at their expense within 7 days from the time of such instruction given by the Company.

25.0 WATER MANAGEMENT:

- The sinking of deep tube wells at the respective sites and installation/ operation of water pumps, extraction of water from deep tube wells for rigs as well as camp shall be the Bidder's responsibility. Supply of water from alternate sources shall be the responsibility of the Bidder, if no water is found at the exact camp or well site.
- Strict control has to be made in on the use of water. Wastage of water increases the effluent volume in the pit and may aggravate pollution problems.
- The valves, glands, hoses etc. are to be checked for any leakage and the same to be informed immediately to the concerned for rectification.
- Arrangements have to be made for pumping effluents into the nearest dry pit in case of emergency.

26.0 EFFLUENT PIT BUNDS:

26.1 Regular checks are to be made to ensure that there are no leakage/ seepage/ overflow of effluents from the pit into the surrounding areas.

26.2 The bunds/walls of the effluent pit are to be checked by Bidder for any breaches during the operation. Any imminent breach of effluent bunds and walls shall be informed by Bidder to Company's representative in time for taking corrective measures. In the event of any damages to the effluent pit and its bunds and walls including the surrounding area due to delayed information by Bidder to Company, Bidder shall be responsible.

27.0 COLLECTION OF USED/ BURNT LUBE OIL: The used lube oils and floating burnt oil, if any, in the effluent pit has to be lifted, collected and suitably disposed immediately by the Bidder.

28.0 'HSE' GUIDELINES:

28.1 The Bidder shall strictly comply with the applicable and prevailing provisions of the Mines Act 1952, OISD Guidelines, and 10th Conference Recommendations of Safety in Mines. A copy of provisions of 10th Conference Recommendations in the form of 'General HSE Points' is available in the office which may be issued to successful bidders at the time of need.

28.2 It will be solely the Bidder's responsibility to fulfil all the legal formalities with respect to the Health, Safety and Environmental aspects of the entire job (namely; the person employed by him, the equipment, the environment, etc.) under the jurisdiction of the district of that state where it is operating. . Ensure that all sub-Bidders hired by him comply with the same requirement as the Bidder himself and shall be liable for ensuring compliance all HSE laws by the sub or sub-sub-Bidders.

28.3 Every person deployed by the Bidder in a mine must wear safety gadgets to be provided by the Bidder. The Bidder shall provide proper Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement and Company PPE schedule. Safety appliances like protective footwear, Safety Helmet and Full Body harness has to be DGMS approved. Necessary supportive document shall have to be submitted as proof. If the Bidder fails to provide the safety items as mentioned above to the working personnel, the Bidder may apply to the Company (OIL) for providing the same. OIL will provide the safety items, if available. But in turn, OIL will recover the actual cost of the items by deducting from Bidder's Bill. However, it will be the Bidder's sole responsibility to ensure that 'he persons engaged by him in the mines use the proper PPE while at work. All the safety gears mentioned above are to be provided to the working personnel before commencement of the work.

28.4 The Bidder shall prepare written Safe Operating Procedure (SOP) for the work to be carried out, including an assessment of risk, wherever possible and safe methods to deal with it/them. The SOP shall clearly state the risk arising to men, machineries & material from the mining operation / operations to be done by the Bidder and how it is to be managed.

28.5 The Bidder shall provide a copy of the SOP to the person designated by the mine owner who shall be supervising the Bidder's work.

28.6 Keep an up to date SOP and provide a copy of changes to a person designated by the Mine Owner/Agent/Manager.

28.7 Bidder has to ensure that all work is carried out in accordance with the Statute and SOP and for the purpose he may deploy adequate qualified and competent personnel for the purpose of carrying out the job in a safe manner. For work of a specified scope/nature, he shall develop and provide to the mine owner a site specific code of practice in line.

28.8 All persons deployed by the Bidder for working in a mine must undergo Mines Vocational Training, Initial Medical Examination, Periodic Medical

Examination. They shall be issued cards stating the name of the Bidder and the work and its validity period, indicating status of MVT, IME & PME.

28.9 The Bidder shall submit to DGMS returns indicating - Name of his firm, Registration number, Name and address of person heading the firm, nature of work, type of deployment of work persons, number of work persons deployed, nos of work persons holding MVT Certificate, number of work persons undergone IME and type of medical coverage given to the work persons.

28.10 The return shall be submitted quarterly (by 10th of April, July, October & January) for contracts of one year or more. However, for contracts of less than one year, returns shall be submitted monthly.

28.11 It will be entirely the responsibility of the Bidder/his Supervisor/representative to ensure strict adherence to all HSE measures and statutory rules during operation in OIL's installations and safety of workers' engaged by him. The crew members will not refuse to follow any instruction given by Company's Installation Manager / Safety Officer / Engineer / Official / Supervisor/Junior Engineer for safe operation.

28.12 Any compensation arising out of the job carried out by the Bidder whether related to pollution, Safety or Health will be paid by the Bidder only.

28.13 Any compensation arising due to accident of the Bidder's personnel while carrying out the job, will be payable by the Bidder.

28.14 The Bidder shall have to report all incidents including Near Miss to Installation Manager /Company Representative of OIL.

28.15 The Bidder has to keep a register of the persons employed by him/her. The Bidder's supervisor shall take and maintain attendance of his men every day for the work, punctually.

28.16 If the Company arranges any safety class / training for the working personnel at site (Company employee, Bidder worker, etc) the Bidder will not have any objection to any such training.

28.17 The health check-up of Bidder's personnel is to be done by the Bidder in authorized Health Center as per OIL's requirement & proof of such test(s)'is to be submitted to OIL. The frequency of periodic medical examinations shall be every five years for the employees below 45 years of age and every three years for employees of 45 years of age and above.

28.18 To arrange daily tool box meeting and regular site safety meetings including pit level meeting and maintain records.

28.19 Records of daily attendance, accident report etc. are to be maintained in Form B, E, J (as per Mines Rules 1955) by the Bidder.

28.20 A Bidder employee must, while at work, take reasonable care for the health and safety of people who are at the employee's place of work and who may be affected by the employee's act or omissions at work.

28.21 A Bidder employee must, while at work, cooperate with his or her employer or other persons so far as is necessary to enable compliance with any requirement under the act or the regulations that is imposed in the interest of health, safety and welfare of the employee or any other person.

28.22 Bidder's arrangements for health and safety arrangement shall be consistent with those for the mine owner.

28.23 In case Bidder is found non-compliant of HSE laws as required Company will have the right for directing the Bidder to take action to comply with the requirements, and for further non-compliance, the Bidder will be penalized prevailing relevant Acts / Rules / Regulations.

28.24 When there is a significant risk to health, environment or safety of a person or place arising because of a non-compliance of HSE Measures Company will have the right to direct the Bidder to cease work until the non-compliance is corrected.

28.25 The Bidder shall prevent the frequent change of his contractual employees as far as practicable.

28.26 The Bidder shall frame a mutually agreed Bridging Document between OIL & the Bidder with roles and responsibilities clearly defined.

28.27 For any HSE matters not specified in the contract document, the Bidder will abide the relevant and prevailing Acts / rules / regulations pertaining to Health, Safety and Environment.

28.28 Most of the above provisions are from the 10th conference Recommendation of safety in Mines.

28.29 Bidder shall maintain T-Cards of all the persons at site for prompt counting of heads in case of emergency and other safety related issues.

29.0 MoEF [MINISTRY OF ENVIRONMENT & FOREST] GUIDELINES:

i) Pre Hire rig inspection, safety meeting, tool box meetings, job safety analysis & audit shall be carried out to identify hidden/ potential hazards.

ii) The Bidder shall take necessary measures to reduce noise levels at drill site providing mitigation measures, such as proper acoustic enclosures to the DG sets and meet norms notified by the MoEF.

iii) The emissions of RSPM, SPM, SOX, NOX and HC & VOC from engines shall conform to the standard prescribed by SPCB. Regular monitoring of the ambient air for HC & VOC shall be carried out as per CPCB guidelines.

iv) The Bidder shall strictly comply with rules and regulations with regard of handling and disposal of hazardous waste (Management & Handling) rules 1989/2003 wherever applicable. Authorization from SPCB must be obtained for collection/ treatment/ storage/ disposal of hazardous waste.

v) The overall noise level in and around the plinth areas shall be kept within the standards by providing noise control measures including acoustic hoods,

silencers, enclosures on all sources of noise generation. The ambient noise level shall conform to standards prescribed under EPA rules, 1989 that is 75 dBA (daytime) and 70 dBA (night-time)

vi) A separate environment management cell shall be set up to carry out environment management and monitoring functions.

30.0 Reimbursement of Screens for Shale Shakers: Contractor has to supply LMSS fitted with required sizes of screens during initial mobilization. Subsequent changes of screens due to damage or the advice of the company will be reimbursed on the invoice cost plus 5% handling charges. The shale shaker screen must be supplied from OEM/OEM's authorized manufacturer. The invoice shall be authenticated by Company Representative failing which no payment shall be made.

(END OF SECTION – II)
PART-3

Part-3
SECTION-III

BID FORM AND SCHEDULE OF SERVICE/RATES

(A) BID FORM

Date :
Tender No. : CJG-8044-L16
To,
OIL INDIA LIMITED (RP)
2-A, District Shopping Centre
Saraswati Nagar, Basni
Jodhpur-342005, Rajasthan

Gentlemen,

Having examined the General and Special Conditions of the tender and the Scope of work/ terms of reference including all attachments thereto, the receipt of which is hereby duly acknowledged, we, the undersigned offer to perform the services in conformity with the said conditions of Contract and Terms of Reference for the sum of ----- (Total Bid amount in words and figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to commence the work within ----- months /days calculated from the date of issuance of Letter of Award (LOA) from the Company.

If our bid is accepted, we will obtain the guarantee of a Bank for a sum not exceeding ----- for the due performance of the Contract.

We agree to abide by the bid for a period of 120 days from the date fixed for bid opening and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.

We understand that you are not bound to accept lowest or any bid you may receive.

Dated this _____ day of _____ 2015.

(SIGNATURE)

(In the capacity of)

Bidder's Name : _____
Bidder's address: _____

B) SCHEDULE OF RATES/CHARGES:

Bidders shall quote the following charges in their commercial bids (price bid) strictly as per the Price Bid Format provided vide Proforma – II in Section – I, Part-2 which are elaborated hereunder in details. The Foreign Exchange (FE) and Non-convertible Indian Rupees (INR) as applicable should be quoted separately.

I. FOR RIG SERVICES**1.0 MOBILIZATION CHARGES (LUMP SUM) (M) TO RP OR KGB**

1.1 In case the rig package is contemplated to be mobilized partly or fully from outside India then the breakup of the mobilization charges to 1st location must be furnished separately.

1.2 Mobilization charges shall include mobilization of equipment, material and manpower as mentioned in Section II 'Project overview and Scope of Work'.

1.3 Mobilization charges shall cover local and foreign costs to be incurred by the Bidders to mobilize at the first location of the Company in Jaisalmer, Rajasthan or Kakinada, Andhrapradesh and shall include all local taxes & levy (including State Entry Tax), port fees, inland transport etc., but excluding Customs duty (which will be to OIL's account, if applicable) on the items declared in Proforma – E of Part-4.

1.4 Mobilization charges will be paid only after complete mobilization of Rig package and other associated services as per the Contract and duly certified by the Company Representative regarding readiness of the equipment & personnel to undertake/ commence the Work assigned under the Contract. Mobilization shall be taken as completed when the rig is ready for spudding In.

1.5 Mobilization charges shall not exceed 10% of the total estimated Contract value.

2.0 DEMOBILIZATION CHARGES (LUMP SUM) (D) FROM KGB OR RP

2.1 Demobilization charges for the complete Rig package and manpower shall be quoted on Lump sum basis and shall include all charges for demobilization of the complete Rig package, unutilized spares & consumables and manpower.

2.2 All charges connected with demobilization including all fees, taxes, insurance, freight on export outside India or to any other place will be to Bidder's account.

2.3 Pursuant to Clause 9.14 and Clause 13.0 of 'Special Conditions of Contract' Section II, Part-3 Demobilization charges shall be paid to the Bidder for complete package of Tools/ Equipment/ Spare/ Accessories etc. only once, after completion of the contractual period/ termination of the Contract.

2.4 All Day Rate charges of the Rig package shall cease to exist with effect from the day, the Bidder is issued demobilization notice by the Company. No charges whatsoever will be payable with effect from the date, the notice is served.

2.5 The De-Mobilization Charges shall not exceed 7.5% of the total estimated Contract value.

3.0 RIG OPERATING DAY RATE (Per 24 Hrs. / day)(ODR)

3.1 Except when especially otherwise provided for in the Contract, the Operating Day Rate shall become payable from the time the operation starts (Spudding In) until the rig is released for the move to the next location or issued demobilization notice by the Company.

4.0 RIG NON OPERATING/STANDBY DAY RATE (Per 24 Hrs. / day) (SDR)

4.1 Except where otherwise provided for in the Contract, the Standby Day Rate will be payable under the following conditions:

- i. When the Drilling Rig Unit is not operating (i.e. when engine(s) are not in operation for carrying out any specific jobs related to well operation in addition to following).
- ii. Waiting for equipment, materials, orders, instructions programme from OIL.
- iii. W.O.C. (Waiting on Cement) & Well under observation during Production Testing, Compressor Applications during Production Testing.
- iv. Well Kept under Pressure after placement of Cement Plug (W.O.C), well closed for Bottom Hole Study.
- v. Electro logging operations (both open hole & cased hole).
- vi. Production test with OIL's Drill Pipe or tubing. (Note: During Production Testing if draw works or mud pumps are put into operation, only that period will be considered for ODR).
- vii. For all time during which the company at its option may suspend operations.
- viii. Waiting for day light for certain production testing operation.
- ix. During inspection as per Clause 7.9 (b) of 'Special Conditions of Contract'.
- x. Assembling & disassembling BOP & Well heads.
- xi. Pressure testing of BOPs & well head.
- xii. Carrying out operation using slick line and CTU.

Note: Standby Day Rate shall not exceed 90% of the Operating Day Rate.

5.0 REPAIR DAY RATE (Per 24 Hrs. /day)(RDR)

5.1 The Repair Day Rate shall be payable when operations are suspended due to break-down or repair of Bidder's equipment.

- i. The Bidder shall be paid Repair Day Rate to a maximum of 24 cumulative hours per calendar month. Beyond the aforesaid 24 hours, no Day Rate will be payable until operations are resumed, at which time the applicable rate shall again come into force.
- ii. This clause shall, however, not be applicable for routine inspections/ lubrications and replacements, e.g. changing swivel packing, slipping or cutting block line, changing pump valve assemblies, packing, etc. During this period, Operating Day Rate to a maximum of 30 cumulative hours in a calendar month will be applicable, beyond which repair date rate shall prevail.

- iii. Payment towards Repair Day Rate shall not exceed 60% of the Operating Day Rate.
- iv. The balance allowance for repair hours or routine maintenance cannot be carried forward to next month.

6.0 INTER LOCATION MOVE RATE (ILM) FROM KGB OR RP

6.1 Depending on the distance between the locations in RP and KGB, separate rates will be applicable as mentioned below:

(a) Fixed Charge (Lump sum) for Cluster location (Movement of mast and substructure etc. only on the same plinth). The spacing between wells at surface in cluster well plinth is around 18 m.	(ILMO)
(b) ILM from RP to KG Basin	(ILM1)
(c) ILM from KGB to RP Basin	(ILM1)
(d) ILM charge within 50 KMs	(ILM2)
(e) ILM in excess of 50 KMs	(ILM3)
(f) Base Camp shift Charge	(BCM)

Note: ILM1 is the Interlocation movement from RP to KGB or KGB to RP.

ILM2 is the Interlocation movement within 50 KMs distance.

ILM3 is the Interlocation movement for more than 50 KMs.

ILMO is the Interlocation movement within a cluster location.

6.2 Inter-location movement will start from the moment the Company releases the Drilling Rig unit for rig down at previous location and shall end after the rig up at next location is completed and the well is spudded in. Rig & all materials including the additional and optional items, if any, are to be transferred to next location after rig down. Before spudding-in, Bidder shall complete all jobs, including, but not limited to, rig up of service lines, block, hook, TDS etc, drilling and setting scabbards of mouse & rat hole, compliance/ rectification to meet safety norms and any other job normally done prior to spudding-in. The inter-location movement of Rig package shall be completed within the period as specified in Clause 22.0 under Special Conditions of Contract, Section II Part-3.

6.3 The Inter location movement operation will include the clearing of the location off all materials, rig parts and made free from all pollutants for restoration of the drill-site.

6.4 No Day Rate under 'Section-IV of Part-3' will be payable when inter-location move rate is applicable.

7.0 FORCE MAJEURE DAY RATE (Per 24 Hrs. /day) (FMDR)

7.1 The Force Majeure Day Rate shall be payable during the first 15 (fifteen) days period of force majeure. No payment shall accrue to the Bidder beyond the first 15 (fifteen) days period unless mutually agreed upon.

7.2 Payment towards Force Majeure Day Rate shall be 50% of Operating Day Rate.

Note: Force Majeure Rate shall not be considered for bid evaluation.

8.0 **BASE CAMP SHIFT CHARGE PER RIG (LUMP SUM) (BCM) (CHARGE PER JOB OF BASE CAMP CHANGE)**

The Bidder shall establish a Base Camp without any additional cost to the Company at a centrally located area of actual operation for smooth monitoring of operations, if required. From the Base Camp, the Bidder will operate operations of several locations. The Base Camp may be subjected to a maximum of two relocations to different areas during the contractual period.

NOTE:

1. The location of the Base Camp will be selected, arranged for and prepared by the Bidder.
2. Base Camp Shift Charge will remain the same irrespective of the number of days taken by the Bidder for base camp shifting.
4. Setting up of the Base Camp, land and infrastructure development, running the camp, treatment & disposal of sewage, camp waste etc. will be the sole responsibility of the Bidder.

9.0 **STACK DAY RATE (STDR)**

The Stack Day Rate shall be payable when the Drilling Rig Unit and other Bidder's Equipment is stacked in accordance with point no. 18 of Section II of Part-3 'Special Conditions of Contract' and as further set out below:

- i) If Company notifies the Bidder that the Drilling Rig Unit is to be stacked at its current location, the Standby Day Rate shall apply for the first 5 (five) days from the time of such notification and Stack Day Rate shall apply thereafter. Stack Day Rate shall apply until such time as the Drilling Rig Unit is ready to recommence Operations after the notification from Company to commence the operations.
- ii) If Company notifies the Bidder to stack the Drilling Rig Unit at a different location; the Stack Day Rate shall apply from the time that the Drilling Rig Unit arrives at the stacking site. Inter Location Move rate shall apply during the period that the Drilling Rig Unit is being moved to/ from the stacking site.
- iii) Payment towards Stack Day Rate shall not exceed 60 % of Operating Day Rate.

Note: Stack Rate shall not be considered for bid evaluation.

PROFORMA-II

(As per Part-2, Section-I)

PRICE BID FORMAT**[For 01 No. of 1400 HP (Minimum) Drilling Rig for RP and KG Basin (NELP Block)]**

Quotation No.: _____

Name and type of the Drilling Rig offered: _____

Currency of Quote : _____

Validity of Bid: _____

A. RATES:**CURRENCY:** _____

Item Sl. No.	Particular	Unit	Qty. (a)	UNIT RATE (b)	TOTAL AMOUNT (a*b)
1	Mobilization Charges to Rajasthan Project (M)	Lump-sum	1		
2	Mobilization Charges to KGB Project (M)	Lump-sum	1		
3	ILM Charges RP to KGB (ILM1)	Kilometre	2400		
4	ILM Charges KGB to RP (ILM1)	Kilometre	2400		
5	Demobilization Charges from KG Basin, (D)	Lump-sum	1		
6	Demobilization Charges from RP Basin, (D)	Lump-sum	1		
7	Operating Day Rate (ODR)	Day	220		
8	Stand By Day Rate (SDR) (Shall not be more than 90% of ODR)	Day	75		
9	Repair Day Rate (RDR) (Shall not be more than 60% of ODR)	Day	5		
10	Inter-location move charge per move in case of cluster location (ILM0)	Lump-Sum	1		
11	Inter-location move charge per rig move up to 50 Km (ILM2)	Lump sum	2		
12	Kilometre charge when the ILM is in excess of 50 Km. (ILM3)	Kilometre	100		
13	Base camp shift charge (BCM)	Lump sum	2		
15	Bed Tea/Coffee (with Biscuits): BT	NOS	300		
16	Break Fast: BF	NOS	300		
17	Lunch: L	NOS	300		
18	Evening Tea with Snacks: ET	NOS	300		
19	Dinner: TD	NOS	300		
20	Accommodation-Executive: AE	NOS	200		
21	Accommodation-Non Executive: ANE	NOS	200		
	Total estimated Contract Price of rig, manpower etc. for 1 year inclusive of all taxes and duties, but excluding Customs Duty & Service tax, which will be on OIL's A/c.				

22	Force Majeure Rate per 24 Hrs. (FM) 50% of ODR	Day rate	2		
23	Stack Day Rate per 24 Hrs.(STDR) 60% of ODR	Day rate	5		

B.1. During the Inter Location Movement from one location to another, only applicable "INTER LOCATION MOVEMENT CHARGES (ILMC)" will be paid. No Day Rates will be paid during Inter Location Movement (period from Rig Release to Rig ready for spudding-in at next well).

B.2. Number of days & ILMs & Kilometres indicated in the above format is for evaluation purpose only. Payment towards these components shall be made as per actual.

B.3 ***Force Majeure Rate and Stack Rate shall not be considered for bid evaluation.***

B.4 Bid evaluation will be carried out based on the sum of the total price quoted against item serial no. 1 to 21. However, payment will be made against the actual job done.

Name of the Authorized Signatory: _____

Name of the Firm/Service Provider/Bidder: _____

Part- 3
SECTION – IV

SCOPE OF WORK/ TERMS OF REFERENCE

(A). RAJASTHAN PROJECT

1.0 PREAMBLE:

1. DRILLING PROGRAM:

The program includes drilling and testing of 1(one) no. of exploratory well of TD of approximately 3800 meters in NELP –VII block (RJ-ONM-2005/2) in western part of Jaisalmer in Rajasthan.

2.0 BLOCK AREA (Rajasthan Project)

The onshore Block **RJ-ONN-2005/2** within the Jaisalmer Basin, Western Rajasthan was awarded to the consortium of Oil India Limited (OIL), Hindustan Oil Exploration Co. Ltd (HOEC) & HPCL-Mittal Energy Ltd. (HMEL) in NELP-VII round of bidding. The block has an area of 1517 Km² and located in the South-East of OIL's Tanot-Dandewala-Bagitibba Gas fields. OIL as operator holds 60% participating interest (PI), while JV partners HOEC.

2.1 The following information is for general guidelines to the bidders. Company is not responsible for any deviation of figures being spelt out or met with for reason beyond their control.

- a. Minimum width of the well site approach road = 3.66 m
- b. Turning Radius = 12m (Generally)
- c. Maximum allowable unit load inclusive of tare weight for
 - i. class AA loading = 50 tons
- d. Minimum overhead clearance = 4.25 m
- e. Highest recorded wind velocity in Rajasthan = 128 km/hour (80 mph)
- f. Max. Recorded ambient temp = 54 deg. Celsius
- g. Min. recorded ambient temp. = -5 deg. Celsius
- h. Weather Pattern: Occasional rains during June /July/August and almost nil during the remaining period.
- i. Nature of topsoil: Usually windblown sand.
- j. Source of water – As the responsibility under this bid is that of the bidder, bidders are therefore to assess the availability of water themselves before bidding. They may have to sink tube well or locate the source of water themselves and hire the same.
- k. Average annual rainfall: 2.5 cm
- l. Humidity - max. 40%
- m. Allowable axle load rating of weakest section of road # 12 Tons
- n. Nearest City Jaisalmer/Bikaner
- o. Nearest Airport Jodhpur

2.2 LOCATION OF THE BLOCK (RP)

The block: RJ-ONN-2005/2 is situated in the Rajasthan state and covers an area of 1517 sq km. Jaipur is the Capital city of Rajasthan and is well connected to other places in India by air, road and railways. The nearest international airport is located in New Delhi, the Capital city of India. The proposed area lies in between the following broad co-ordinates:

Coordinates of Block: RJ-ONN-2005/2

Points	Latitude (N)			Longitude (E)		
	Deg.	Min.	Sec.	Deg.	Min.	Sec.
A	27	39	30	70	10	0
B	27	39	00	70	47	0
C	27	36	00	70	50	00
D	27	33	30	70	44	24
E	27	28	00	70	49	50.9
F	27	24	00	70	54	0
G	27	24	00	70	18	0
H	27	26	45	70	20	15
A	27	39	30	70	10	0

Map of the Block RJ-ONN-2005/2

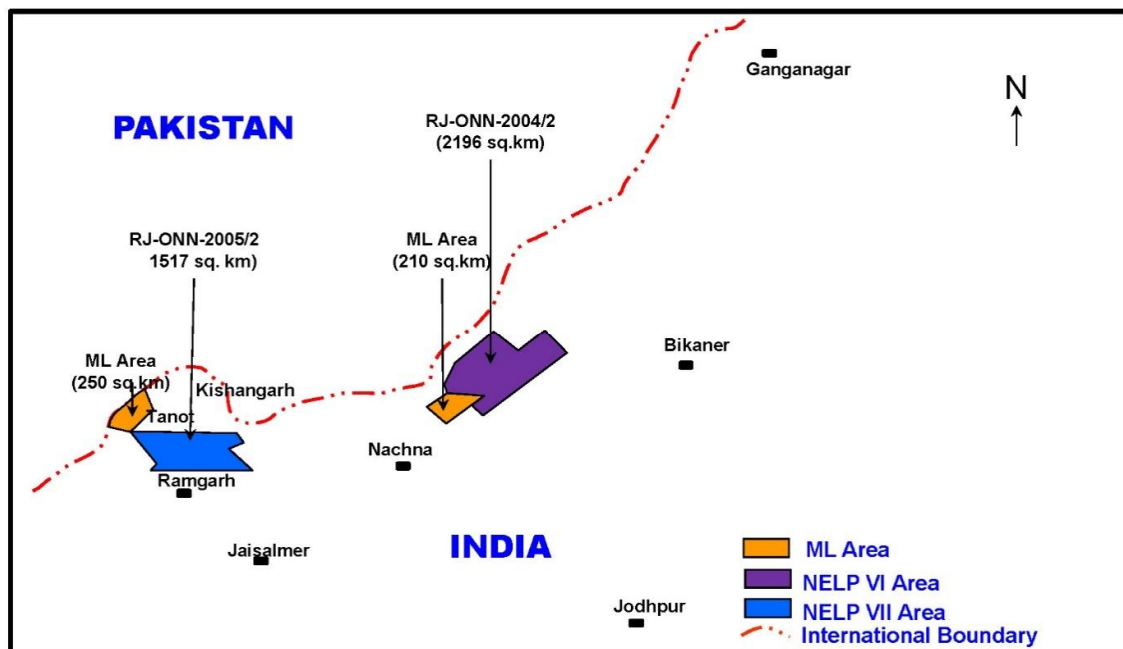


Figure: The location of the Block RJ-ONN-2005/2

2.3 GENERAL DESCRIPTION OF THE AREA

- i) Topography of site: The site is a part of Thar Desert.
- ii) Presence of sand dunes: Common occurrence in the vicinity.
- iii) Nature of top soil: Usually wind-blown sand.
- iv) Highest recorded wind velocity: 128 km/h.
- v) Frequency of sand storm: Frequent from March to September and occasional during the remaining period of the year.
- vi) Maximum recorded ambient temperature: 54 deg. C
- vii) Minimum recorded ambient temperature: (-5) deg. C
- viii) Average rain fall: 1" (25 mm)
- ix) Humidity: Maximum 40 %

2.4 COMMUNICATION TO THE BLOCK

The communication to the block RJ-ONN-2005/2 can be made through air, water, rail and road

- i) Nearest city: Jaisalmer
- ii) Nearest airport: Jodhpur.
- iii) Nearest Railway Station: Jaisalmer

2.5 Proposed Casing Program (subject to change): (Rajasthan Project)

Casing			Hole Size(inches)	Shoe Depth(meters)
Size(Inch)	Grade	Wt (ppf)		
20	J-55	94	26	100
13 3/8	N-80	68	17 1/2	1260
9 5/8	N-80	47	12 1/4	2300
5 1/2	N-80 / P-110	20	8 1/2	3800

2.6. Mud System: (Rajasthan Project)

Mud design is proposed to be water based as per below table:

Hole size (Inch) Drill	Estimate mud density section TD (PPG)	Tentative Mud System
26	ALAP	Water based spud mud
17 1/2	8.8-9.0	Lightly treated WBM
12 1/4	9-9.6	KCl-KOH-PHPA WBM or CH ₃ COOK-KOH-PHPA- WBM
8 1/2	9.6-10.5	KCl-KOH-Polymer WBM or CH ₃ COOK-KOH-Polymer WBM

2.7 GEOLOGY OF THE AREA (RP)

Block RJ-ONN-2005/2 is located within the Jaisalmer Basin, which forms part of a hydrocarbon province and comprises major part of the Western Rajasthan Shelf. The Western Rajasthan Shelf forms the eastern flank of the Indus Geosyncline and is divided into three basins, namely the Jaisalmer, Bikaner-Nagaur and Barmer-Sanchor basins. The Barmer-Sanchor Basin (about 11,000

Km²), is an elongated narrow graben and is separated from Jaisalmer Basin by the Devikot-Nachna uplift. The Bikaner-Nagaur Basin (about 70,000 Km²) is essentially a Palaeozoic Basin located to the East of Pokhran-Nachna High and is relatively shallow and represents the southern flank of the Indus Basin. The Bikaner-Nagaur Basin therefore, represents a vast sedimentary tract from the Aravalli to the Salt Range. The Jaisalmer Basin (about 45,000 Km²), represents the westerly dipping eastern flank of the Indus Shelf. It extends to the Mari region of Pakistan and forms part of the Indus Basin. The Jaisalmer Basin is differentiated from North to South into four tectonic blocks. The Kishangarh Sub-basin is part of a North-westerly homoclinally gentle dipping shelf with NE-SW depositional strike. The Jaisalmer-Mari High feature is located along the shoulder zone of Kanoi Fault and is attributed to the up-thrusting and wrench faulting; it is a zone of uplifted blocks. The Shahgarh Sub-basin is the deepest depression and is less disturbed having NNW-SSE trending faults, while the structurally simpler Miajlar Sub-basin is located in southern part of the basin. The area of operation falls in the Thar Desert covered with sand dunes of Western Rajasthan.

The sedimentary cycle in the region started with the deposition of Permian shallow-marine Karampur Formation. The Triassic and Early Jurassic phase indicated a major regression and deposition of predominantly fluvial to brackish deltaic clastics represented by Shumarwali and Lathi Formations. During middle Jurassic a stable shelf came into existence and deposition of thick carbonate (over 1200 m) took place followed by clastics of Baisakhi and Bedesir Formations under shallow marine conditions. With further regression, Pariwar Formation (coastal plain to marginal marine) of the Early Cretaceous age was deposited. The next phase of sedimentation started with the deposition of shallow marine Habur and marine Goru Formations. During Upper Cretaceous to Lower Paleocene, a major uplift took place resulting in the erosion of Cretaceous sequence along the axial high and basin margin. In the Early Paleocene to Middle Eocene, transgression continued and deposition of Sanu, Khuiala and Bandah Formations took place. Subsequently, the axial zone experienced intense compressive tectonics causing folding, faulting and uplift.

Temperature v/s Depth Profile: Geothermal gradient for OIL's gas producing Jaisalmer Field area is in the range of 20-22 deg. C/km. The surface temperature varies from 0 -54 deg. C.

Sub-Surface Pressure: Anticipated sub-surface pressure in the reservoir and TD down to the Jurassic reservoirs is expected to be hydrostatic.

Generalized Stratigraphy/Lithology:

Expected Stratigraphy for the well is shown in the table below:

2.8 Location 9 (RJCA):

Formation	Age	Formation Top (in meter)	Lithology
Alluvium/ Shumar	Quaternary	Surface	Unconsolidated sand
Bandah	Middle Eocene	Absent/ Minor Development	Mixture of fragmental and foraminiferal limestones, pyritic clays, marls and carbonaceous shales.
Khuiala	Early Eocene	290.00	Sandstone and orthoquartzite, siliceous, chalky algal limestones.
Sanu	Palaeocene	300.00	Reddish brown to dirty yellow, current bedded sandstones of freshwater origin, Variegated claystones with interbedded ferruginous shales.
Parh	Late Cretaceous	325.00	Olive-green to grey Marl, poorly consolidated, silty in part and grading to a moderately hard, yellowish grey, carbonaceous wackestone
Goru	Middle Cretaceous	Absent/ Minor Development	Upper Goru: Olive-green to grey Marl/ Carbonaceous Wackstone Lower Goru: very fine-grained, glauconitic, pyritic and micaceous sandstones and are interbedded with dark greenish-grey calcareous, micromicaceous and carbonaceous claystones and marls interpreted as outer shelf tide-dominated environment/Glauconitic sandstone/silty sandstone. The lower part of Lower Goru comprises of silty sandstones of coastal / lagoonal origin.
Pariwar	Early Cretaceous	Absent/ Minor Development	Medium grained quartzitic sandstone with shales
Baisakhi+B edesir	Late Jurassic to Early Cretaceous	750.00	Bedesir: Medium grained, calcareous and occasionally glauconitic sandstones with intercalations of siltstone, shale and minor claystone. Baisakhi: A basal claystone Followed by sand bodies, which is overlain by sandstones and silty sandstones.
Jaisalmer	Middle Jurassic	1200.00	Cream and buff, oolitic, fossiliferous limestones and grey brown sandstones

Lathi	Early Jurassic	1370.00	<p>Lower Lathi: Fresh-water, coarse-grained clastics, current-bedded sandstones and conglomerates, arkose and lithic arenites.</p> <p>Upper Lathi: Fine-grained sandstones, siltstones and shales with abundant fossil wood.</p>
Shumarwali	Triassic	2170.00	Ferruginous sandstone, clayey sandstone, feldspathic sandstone, chert, claystone and shale. Sandstone is poorly sorted, varying from fine to coarse or very coarse grained
Karampur	Permian	2370.00	<p>Upper Karampur: Fine grained, clayey sandstone to very coarse grained feldspathic sandstone with intermittent thin beds of claystone and shale.</p> <p>Lower Karampur: Alternations of Claystone/shale and sandstones.</p>
Horizon 1/Upper Carbonate (?)	Infra Cambrian	3530.00	Dolostone/dolomite (?)
Basement	Pre-Cambrian	-	Volcanic-granitic basement (?)
Target Depth		3800.00	

Note: This is only Tentative Policy. The exact depth of Top of formation may vary.

2.9 Anticipated Well Hazards (Rajasthan Project):

- (i) **Mud Loss:** Although there was no mud loss history in the nearest well Ramgarh-1. However, as the well is relatively in an unexplored area with no drilled well in close vicinity. Care must be taken during drilling.
- (ii) **H₂S Gas:** H₂S gas is not expected in the wells.
- (iii) **Shallow Gas:** Shallow gas is expected in Khuiala, Sanu Formations. In the nearby well Ramgarh-1, wire line log interpretation showed positive indication of the presence of gas in four zones between 140-500m. Also during drilling, leakage of hydrocarbon gas through the 20 inchX30 inch casing annulus was observed.

(B) KG Basin Project

1.0 PREAMBLE:

1.1 DRILLING PROGRAM:

The program includes drilling and testing of 3 (three) wells at KG Basin Project. All wells are designated as Exploratory/Appraisal wells, either vertical or deviated with @ 800-1200 m horizontal displacement. The maximum TVD is 3600+m.

1.2 BLOCK AREA

The Work is to be performed in KGB Project in Eastern India herein after referred to as the Contract Areas in accordance with the drilling program.

The Block KG-ONN-2004/1 of 549 Sq.Km area has been awarded by the Ministry of Petroleum & Natural Gas (MOP&NG), Govt. of India, under its New Exploration Licensing Policy (NELP) round VI, to the consortium of Oil India Limited (OIL), A Govt. of India Enterprise (with 90% stake as the Operator) & Geo-Global Resources (GGR: Barbados) with 10% stake as the partner for the Block, for carrying out extensive & expeditious exploration for Petroleum & Natural Gas in the region. This 549 Sq.Km comprises of 511 Sq. Km on land area in the district of East Godavari, Andhra Pradesh (AP) and that of 38 Sq.Km in the district of Yanam, Puducherry (UT).

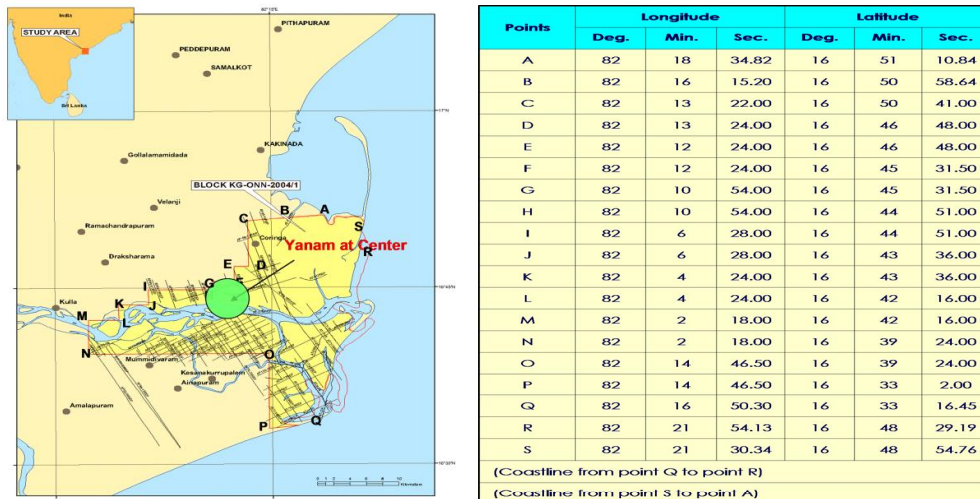


Figure-1a: The location of the Block KG-ONN-2004/1 in KG basin

1.3 COMMUNICATION TO THE BLOCK:

The communication to the Block KG-ONN-2004/1 is available through air, water, rail & road as given below:

- Nearest Airport :
 - Vizag : 180 Km
 - Rajahmundry : 70 Km

- Nearest Sea Port
Kakinada : 15 Km
- Nearest Railway Junction
Samalkot : 20 Km
Kakinada : 05 Km
- National Highway: : NH-5

1.4 Proposed Casing Program (subject to change):

Casing			Hole Size (inches)	Shoe Depth(meters) Tentative		
Size (Inch)	Grade	Wt (ppf)		Well-1 (Deviated)	Well-2	Well-3 (Deviated)
20	J-55	94	26	Nil	200	200
13 3/8	N-80	68	17 ½	200	1200	1300
9 5/8	N-80	47	12 1/4	1000	2400	2450
5 ½/7	N-80/ P-110	20/2 9	8 1/2	2000	3500 (liner completion)	3650 (liner completion)

1.5 Mud System:

Mud design is proposed to be water based as per below table:

Hole size (Inch)	Estimate mud density section TD (PPG)	Tentative Mud System
26	ALAP	Water based Spud Mud
17 ½	8.5 – 9.5	Lightly treated WBM
12 1/4	9 – 10	CH3COOK– KOH – PHPA WBM
8 1/2	9.5 – 11	CH3COOK– KOH – Polymer WBM

1.6 Brief on Geology:

The Krishna-Godavari basin is a pericratonic basin with areal extent of approximately 45,000 km² (both onshore & offshore), located in the central part of the eastern passive continental margin of India. However, the basin extends into deeper water and covers a much larger area. Krishna and Godavari are the two major river systems, which drain the area and discharge in the Bay of Bengal and covers the deltaic and inter-deltaic areas of Krishna and Godavari rivers and extends into the offshore. This stretch of sedimentary tract contains a vast range of geologic settings, such as costal basin, delta, shelf-slope apron, deep-sea channel, and deep water fan complex.

Exploratory drilling of more than 350 wells in more than 160 structures has resulted in the discovery of 42 oil and gas bearing structures. Good source rocks are known from sequences ranging in age from Permian-Carboniferous to early Miocene. Because the reservoir sand bodies have limited lateral variation, understanding the stratigraphy and depositional sub environments in different sequences is essential to decipher the favourable locales for reservoir sands. Tilted fault blocks, growth faults, and related rollover anticlines provide the structural traps. Commercial accumulation of hydrocarbons occurs in sediments from the Permian to as young as the Pliocene. Estimated resources in the basin are around 2000 million tons of oil and oil-equivalent gas. The reservoirs are in sediments of all ages, Permian to Pliocene.

1.7 Generalized Stratigraphy/Lithology:

Block lies in the Gouthami- Godavari Delta and falling between Chintalapudi and Pithapuram cross trends. Tectonically majority of the area is within the NE-SW trending basin margin fault area. Expected stratigraphy for the block is shown in the table below:

Lithology Prognosis:

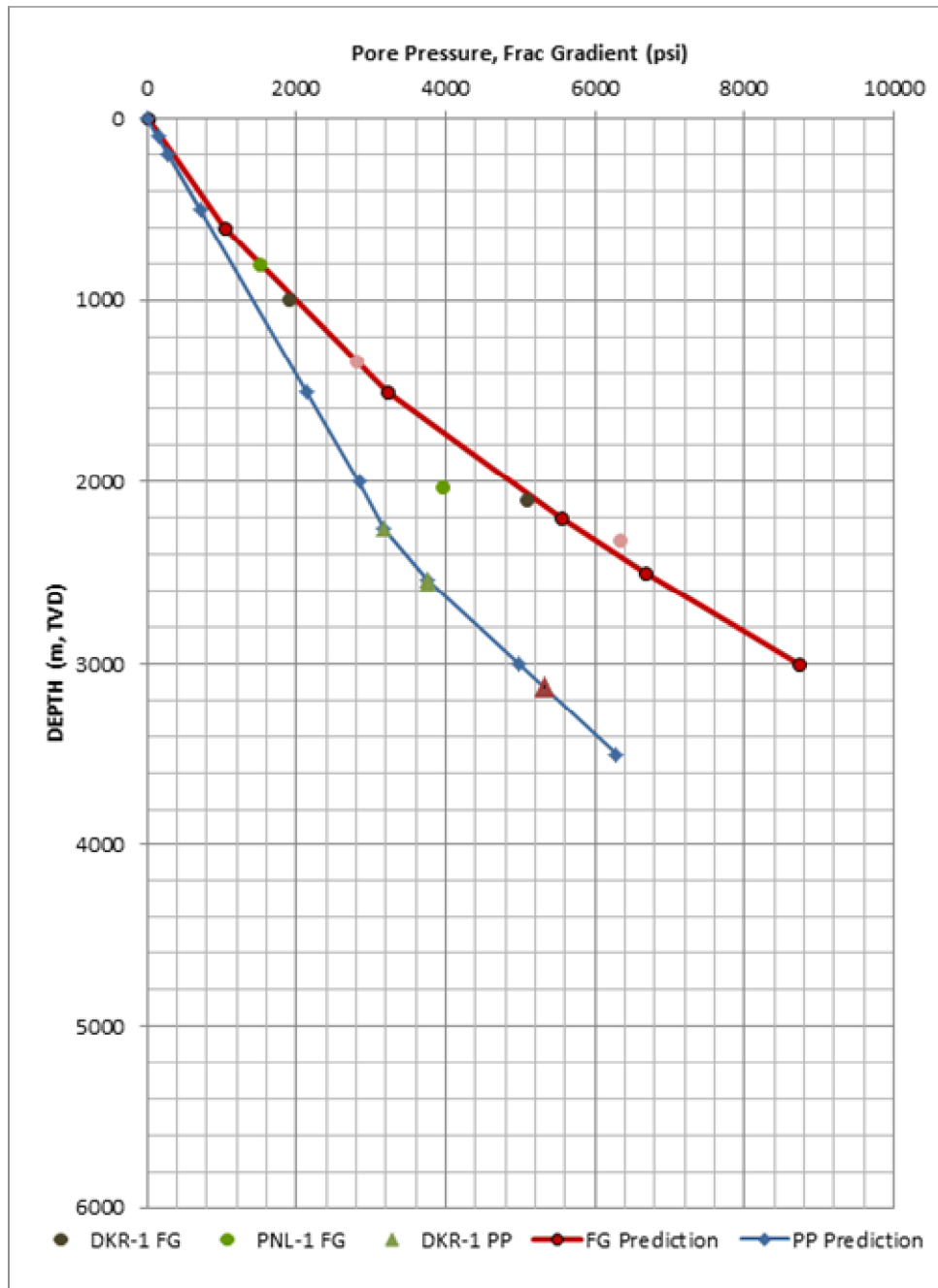
Well-1

Formation top m TVD	Age	Formation	Lithological Description
Surface	Pliocene to Recent	Godavari Clay	Dominantly Clay/claystone with trace of sand
1450	Miocene	Ravva(?)	Limestone with sandstone and claystone
1730	Oligocene to Mid Eocene	Vadaparru shale	Mainly Claystone with limestone with sandstone.
TD: 2200			

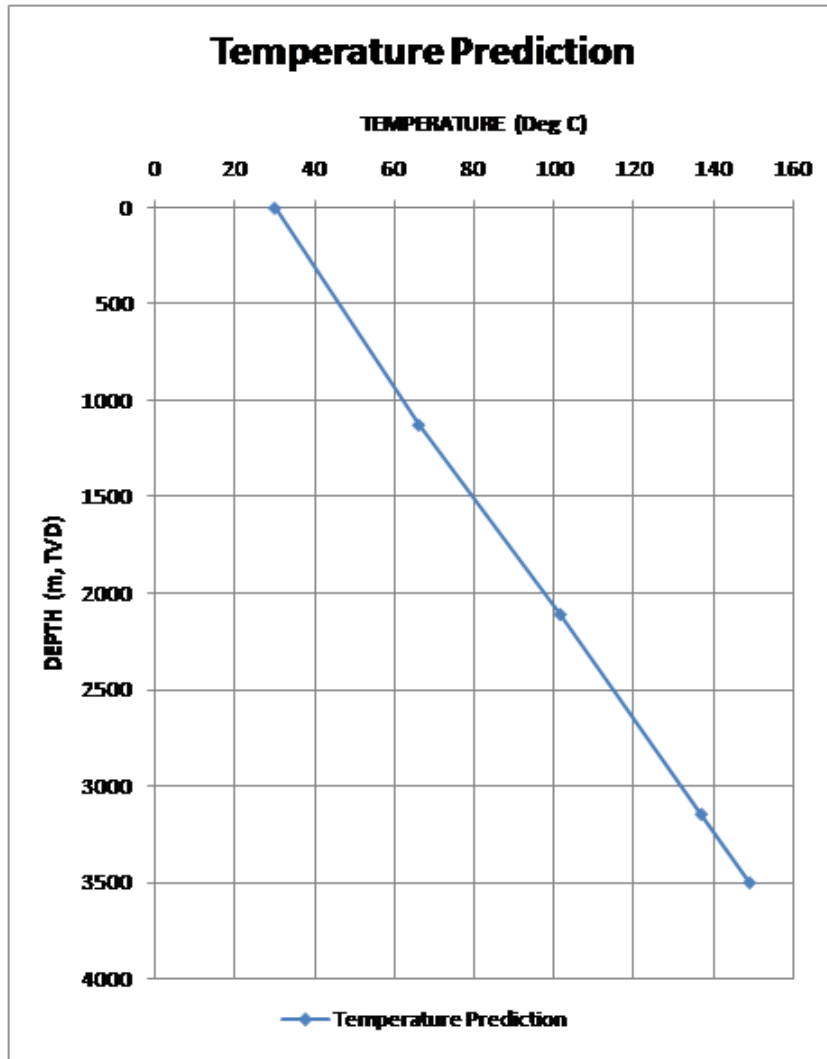
• **Well-2&3**

Formation top m TVD (mMD)	Age	Formation	Lithological Description
Surface	Miocene Recent to	Rajahmundry sandstone + Narsapur clay stone & Younger rocks	Mainly sand and clay
525	Oligocene-Miocene	Matsyapuri sandstone	Sandstone with shale/clay interbeds
780	Mid. Eocene	Bhimanapalli limestone	Mainly limestone
880	Lr. Eocene to Lt. Paleocene	Pasarlapudi formation	Sandstone with claystone
		Pallakollu shale	Mostly shale
1165	Paleocene	Razole formation	Basaltic flow with intertrappean
1380 (1390m)	Upper Cretaceous	Tirupati sand Stone	Sand Stone at top with shale at bottom
2620 (2770m)	Lower Cretaceous	Raghavapuram	Mainly shale with thin sand stone
2710 (2860m)	Permo-Triassic	Kommugudem Formation	Coal-Shale-Sandstone
3300 (3450m)	Pemian (?)	Draksharama Fm (?)	Basal sand-shale
TD: 3500mTVD (3650mMD)			

- Anticipated Pressure Profile



- **Anticipated Temperature Profile**



- **Anticipated Well Hazards:**

Loss circulation is common in Bhimanapalli limestone formation, partial to sometime total loss is reported in nearby wells.

12-13% of CO₂ has been reported during testing of Kommugudem formation in nearby wells. H₂S is not expected in the wells. Anticipated maximum temperature at 3500 TVD is 150 deg. C

1.8 DIRECTINAL REQUIREMENTS

The tentative directional drilling plan is as under:

WEL L	TVD (m)	Casing Policy	KOP (m)	Max Inclinatio n	Deviated Hole Sections	Horizontal Displacement required (m)	Profile (J/S)	'Tentative' Additional Requirements
Well- 1	2000	As per 4.0 above	200	30 deg	12 ¼"	220m	S	Vertical profile in reservoir section
Well- 3	3500	As per 4.0 above	1000- 1200	35 deg	12 ¼", 8 ½"	800-1200m	S	Vertical profile in reservoir section

The above plan may change depending on the well design approved during execution

2.0 DEFINITION OF WORK:

To drill onshore wells through hiring of one (1) no. Diesel Electric Drilling Rig (AC/SCR or ACVFD) of capacity 1400 HP (Minimum) with Top Drive System, associated equipment/ tools & services for an initial period of 12 months with provision for extension by 12 (twelve) months at the same rates terms and conditions. The wells will be vertical / deviated. Well depths are expected to be up to 3600m MD. Depths of the wells may somewhat increase or decrease at the discretion of the Company within the rated capacity of the rig.

3.0 AREA OF OPERATION:

The following information is for general guidelines to the bidders. Company is not responsible for any deviation of figures being spelt out or met with for reason beyond their control.

- a) Minimum width of the well site approach road = 3.66 m
- b) Turning Radius = 15m (Generally), 12 m (exceptionally)
- c) Maximum allowable unit load inclusive of fare weight for class AA loading = 50 tons
- d) Minimum overhead clearance = 4.25 m
- e) Highest recorded wind velocity = 80 km/hour
- f) Max. recorded ambient temp = 45 deg. Celsius
- g) Min. recorded ambient temp.= 5 deg. Celsius
- h) Weather Pattern: Frequent rains from May/June to September/ October and Occasional during the remaining period.
- i) Nature of top soil : Usually clay/Alluvium/ Unconsolidated.
- j) Source of water - Through shallow bore wells. Usually available at well Site. Otherwise from bore well situated at convenient Locations. Depth of bore well 15/50m.
- k) Average annual rainfall : 250 / 300 cm
- l) Humidity - max. 98%
- m) Allowable axle load rating of weakest section of road # 12 Tons

4.0 SCOPE OF SERVICE:

4.1 The Bidder(s) shall provide the services of 1 (one) no. of Diesel Electric Rig Package(AC-SCR / AC –VFD) along with all necessary equipment including Top Drive System and personnel as listed and carryout drilling operations including but not limited to coring, round tripping, lowering & setting of casings, completion, abandonment, Production testing as and when required and all other associated operations including rig up, rig down, inter-location movement etc. in accordance with the well drilling, and completion programme to be furnished by the Company before commencement of the operation, which may be amended from time to time by reasonable modification as deemed fit by the Company. Apart from this, the Bidder shall also provide spares for the entire rig package, tools and equipment, fuel (HSD) for running the operations, Lubricant, Water (potable & drill water) and shall carry out drilling with tools & expert supplied by the Bidder. The Bidder shall keep adequate stock of spares at all time for uninterrupted progress of work and make available all items listed in this document ready for use. OIL shall provide suggestion on technical matters on request from Bidder. However, the Bidder shall be wholly responsible for rendering services as per scope of work.

4.2 The Bidder to provide capable and experienced Rig Crew Personnel in accordance with the list provided in the Tender Document, as a minimum.

4.3 The Bidder to take up the Scope of Work to be carried out in accordance with the various articles including schedule of responsibilities of the Tender Document and to take up the jobs related to drilling, testing and completion of the wells.

- To take up the following jobs:
- Coordination
- Planning
- Liaison
- Reporting
- Material Handling
- Monitoring
- Operation
- Safety
- Environment

Note: Bit programme, mud programme, casing policy, well programme, cement policy, coring programme etc, production testing etc. will be decided by OIL.

- **Inspection of the Rig**

Company will accept the Drilling Rig Package only after third party inspection through internationally reputed third party inspector agency as listed in the BRC namely DNV,ABS,BV,LLOYDS or Oilfield Audit Services Inc. (OAS) at their own cost as per tender specifications and in presence of OIL's representative. The inspection agency shall carry out rig health assessment. In case any deficiencies are found during inspection, the same to be rectified to satisfaction of the third party inspection agency. Bidder shall give 15 days' advance notice to OIL in this regard. The Bidder must submit the certificates from the third party agency prior to mobilization.

5.0 **BIDDER's EQUIPMENT**

SPECIFICATIONS OF DRILLING RIG PACKAGE: The Bidder shall mobilize all necessary equipment and tools for successful and economic completion of the jobs mentioned. The contract includes supply of drilling rig package including haulage and transportation equipment and its services. HP rating of the rig offered shall not be less than 1400 HP (Minimum) with top drive, Diesel Electrical Rig (AC-SCR/AC-VFD) having self elevating mast and sub-structure (as per API Standard) and capable of drilling 1+1 cluster well from the same plinth.

The Drilling Rig shall be rated for minimum nominal drilling depth range of 4200 m and the available horse power output of the rig engine package shall be capable of running 1400 HP (minimum) Draw-works and 1300 HP pumps simultaneously.

The rig is also required to be operated with complete package(s) including mud system, fuel system, air system and water system etc.

The drilling unit offered shall have a residual life of 5 years (minimum).

The technical specification of the drilling rig package is given below:

5.1 GROUP – 1

Functionality and Minimum Performance Requirements for Drilling Rig and equipment	Bidder to indicate make & model of each equipment being offered. Bidder shall indicate/confirm, wherever applicable, whether equipment offered are as per requirement.
<p>• MAST AND SUBSTRUCTURE:</p> <p>i) Swing lift cantilever type self-elevating mast and substructure with clear height of minimum 142 ft. Clear height of the mast less than minimum requirement can also be acceptable provided the offered rig accommodates all the required equipment including Top Drives System of required capacities. Rated static hook load capacity of minimum 10,00,000 lbs (1000 kips) with 12 lines strung on travelling block as per API 4E/4F specifications. Mast is to be designed for minimum 80 mph wind load with a full rack of pipe and minimum 100 mph on a bare mast. Substructure capacity shall be of minimum 800,000 lbs of casing string simultaneously with 500,000 lbs off racked pipes. In case of 4E mast & substructure, the same shall be recertified to CAT-IV as per API RP 4G by authorised third party agency.</p> <p>ii) Self-elevating type sub-structure shall have a clearance of minimum 24 ft from ground level to underneath of rotary table beam. Substructure shall be suitable to accommodate a 1400 HP (minimum)</p>	

electrical powered draw-work, minimum 27.1/2" rotary drive unit. Mast is to be complete with raising lines, lifting lugs for raising, levelling shims, snubber unit and hydraulic jacks. Mast and substructure shall be complete with levelling equipment for front and rear legs and with all accessories for the operation and erection of the mast and substructure.	
iii) Time taken on raising and lowering system of mast /substructure and job involvement in dismantling, transportation and assembling of the mast/substructure components shall be minimum.	
iv) The mast shall have adequate racking capacity of 4350 mtrs—of 5 inch OD, 19.5 PPF, range – 2 drill pipe in thribbles.	
v) The mast shall be complete with cat-line boom(2), catline, out cat line, sand line sheave units, air hoist sheave units(2), sheave units for rig tongs (2) power tong / pipe spinner, tong counter weights, guides etc. including tubing support frame (belly board) or alternate arrangement for the same.	
vi) The Racking board (thribble board) shall be adjustable type and complete with emergency escape from racking board to ground.	
vii) The mast shall be complete with dual stand pipe clamp for 5 inch OD stand pipes.	
viii) Adjustable pneumatic or electrically operated casing stabbing board for running in range I & II tubular shall be provided.	
ix) Safety climb equipment for climbing up mast ladder up to crown block shall be provided.	
x) The Sub-structure shall be complete with tong back-up posts for rig tongs	
xi) One flight stairways at driller's side and one at off driller's side shall be provided.	
xii) Dog house-cum-change house shall be provided by Bidder.	
xiii) The mast & sub-structure shall be complete with combination ramp & stairs, catwalk & rack for casing and other tubular (provision for making doubles at rack & hosting the same with TB to be kept).	
xiv) The derrick floor shall be complete in all respect and provided with suitable toe boards and safety railings.	

<p>xv) The mast shall be painted strictly as per Aviation / Indian Air Force Standards on deployment and later on whenever necessary. The paint may be enamel paint or equivalent. The paint shall be freshly made and shall be noticeable. Painting may be repeated if required. The same shall be specified in the contract. The mast shall be fitted with safe flasher type aviation warning light 1 no. at the crown and 4 nos at four corners on the thribble board . These lights shall be operational at all times from the moment the mast is raised and until the mast is finally lowered irrespective of well operation. Every alternate mast section to be painted with red and white paint.</p>	
<p>B) DRAW-WORKS Horsepower rating 1400 HP (minimum), with minimum nominal drilling depth rating of 4200 M with 5 inch OD drill pipes.</p>	
<p>Twin drum draw-works having main drum lebus grooved for 1.3/8" or 1.1/2" casing (drilling) lines and sand drum to accommodate @ 5000 M of 9/16" or 5/8" sand (coring) line. In case of single drum drawworks, an external winch shall be available with minimum 5000 m wire length to facilitate deviation survey.</p>	
<p>Main drum brake shall be of friction / disc brake for full load operation with proper cooling system. In case of AC-VFD rig primary/dynamic breaking to be performed with AC motors by generating power in to braking resistors. The motor and frequency drive shall be capable of holding full load at zero speed indefinitely.</p> <p>Suitable electromagnetic auxiliary brake system (Eddy Current Braking System)</p>	
<p>Suitable pneumatically operated/actuated make up and break-out catheads. The cathead shall match 1400 HP (minimum) drawworks. However, Draw-works may also be without cathead. In this case separate facility for making up & breaking-up of tubular like hydraulic cathead or similar facility shall be available in the rig.</p>	
<p>Draw-works is to have variable forward speeds, rotary speeds (in D/W mode) and suitable reversing arrangement. In case of AC-VFD rig the Draw works shall be Dual Speed Gear Driven, suitable for minimum 1400 HP.</p>	
<p>Pneumatically activated twin stop protector system to protect crown and floor.</p>	
<p>Suitable Hi & Lo drum clutch.</p>	

Neutral brake or Inertia brake to stop rotation of the draw-works and rotary clutch in emergency.	
Properly designed Driller's console	
Inertia brake	
The draw-work shall be compatible with the mast & sub-structure as indicated above.	
All accessories for draw works shall conform to API specification, wherever applicable.	
Entire rig package must be compliant with all safety regulations (Mines act, 1954, OMR 1984, recent edition) and OISD standards & Recommended Practices.	
<p>C) TOP DRIVE SYSTEM</p> <p>Electric Top Drive System (NOV, TESCO, CANRIG, Aker Maritime make only) with all necessary accessories and meeting the following: TD must be capable of delivering the following with IBOPs:</p> <ul style="list-style-type: none"> - Hook Load Capacity 500 MT - RPM range of 0 to 190 - Continuous Torque Requirement 30000 ft-lbs @ 100 RPM - Break-out Torque minimum 56000 ft-lbs - Cooling system to operate in 50⁰+C ambient temperature - Power: AC motor of suitable rating, non-sparking, flameproof & suitable for hazardous locations. <p>In case of any malfunctioning of the 'Top Drive' system, operation shall have to be continued with the Kelly/Swivel/Rotary system as contingency.</p>	
<p>D) ROTARY TABLE AND ACCESSORIES</p> <p>Rotary table as per API Spec. 7K with minimum 27.1/2" opening and dead load capacity of 500 MT, complete with the following. Accessories shall be provided by the Bidder. The rotary table shall be chain driven. Optionally combination of chain and independent motor drive is also acceptable.</p>	
<ul style="list-style-type: none"> • Kelly bushing complete with roller assembly for 5.1/4" hexagonal & 2.1/2" or 3" square/hexagonal Kelly (minimum 1 nos. each). 	
<ul style="list-style-type: none"> • Master bushings (1 no. each of solid and split type) to suit the Rotary table. 	
<ul style="list-style-type: none"> • Suitable API insert bowls No. 1, 2 & 3 whichever 	

is applicable for undernoted casing sizes.	
<ul style="list-style-type: none"> Complete bushing arrangement for handling 20" casing, 13.3/8" casing, 9.5/8" casing, 7" liner, 5.1/2" casing, 5" OD drill pipe, 3.5" OD 15.5PPF drill pipe, 2.7/8" OD tubing & drill pipes and all other tubular in the offered rotary table. 	
<ul style="list-style-type: none"> Bit breakers & adapter plates to suit above master bushing / Rotary table. 	
<ul style="list-style-type: none"> All sizes of lifters and handling tools for bushings & inserts. 	
E) ROTARY SWIVEL (as per API Spec. 8C)	
The rotary swivel shall have the minimum undernoted specification but not limited to the following.	
<ul style="list-style-type: none"> Working pressure (minimum) - 5000 psi 	
<ul style="list-style-type: none"> API Dead-load rating (minimum) - 450 MT 	
<ul style="list-style-type: none"> Gooseneck API line pipe thread for Rotary hose- 4" (102 mm) Female 	
<ul style="list-style-type: none"> Stem coupling - 6.5/8 Reg L.H. 	
<ul style="list-style-type: none"> Swivel shall be equipped with 6.5/8" (Reg) L.H. API double pin sub suitable for connecting it on to Kelly spinner/Kelly. 	
<ul style="list-style-type: none"> Additionally suitable crossover sub shall be provided to connect the swivel to 2.1/2" or 3" square Kelly. Necessary fittings for connecting rotary hoses with safety clamps installed. 	
F) TRAVELING BLOCK & HOOK (as per API Spec. 8C)	
The specification shall include but not limited to the following:	
<ul style="list-style-type: none"> Min. API dead load rating = 450 MT 	
<ul style="list-style-type: none"> Number of sheaves = 6 Nos. with 1.3/8" / 1.1/2" grooving 	
<ul style="list-style-type: none"> Travelling block and hook shall be independent 	
<ul style="list-style-type: none"> Hook shall be compatible with the swivel & other hoisting equipment. 	
<ul style="list-style-type: none"> Hook shall have built in hydraulic snubber, convenient swivel lock and positioner locks, and others as operation demands. 	
G) SLUSH PUMPS	
1) 03(Three) nos. of triplex single acting, slush	

pumps with HP rating of minimum 1300 HP driven by DC / variable AC motors of matching HP rating. Pump shall be suitable for continuous heavy duty application.	
2) Maximum requirement of working pressure 5000 psi.	
3) Pumps shall be equipped with easily changeable piston and liner assy. to meet varied requirement of drilling operation. Adequate amount of various sizes of new and unused liners to meet operational requirement must be available during entire contractual period. The Bidder has to specify the same in the bid with pump discharge details etc.	
4) Apart from standard accessories, each pump shall be equipped with 5000 PSI WP pulsation dampeners, charging hose assy., reset relief valve, bleed valves, inline suction stabilizer, pull lift chain hoist, strainer cross etc.	
5) Detailed specification of DC/AC motor shall be provided.	
6) Drive media must be specified by the bidder.	
7) Motor (min. 75 HP) driven TRW Mission (8" x 6" x 14") or equivalent centrifugal pump 3 nos. for super charging (to handle mud up to 20 ppg) with appropriate independent suction and delivery manifold mounted on an oil field skid.	
8) Parallel pumping: In certain events both slush pump shall be used in parallel pumping. All arrangements shall be available for this purpose. Parallel pumping will be required in 26", 17.1/2" & 12.1/4" hole sizes.	
9) Nature of pumping job shall include, but not be limited to, pumping of drilling fluids, completion fluids, pre-flushes, water – both treated and plain. In the event that requirement arises to pump acid, the Company shall provide the pump and Bidder shall provide the suction and delivery lines.	
H) SUCTION AND DELIVERY SYSTEM (as per API wherever necessary)	
1. Suction hose shall interconnect between No. 1 & No. 2 pump, No. 3 pump & suction lines shall have butterfly valves in between.	
2. Suitable length 3.1/2" ID x 5000 psi WP vibrator hose.	

3. Cameron or equivalent 5000 psi WP dual stand pipe manifold complete with gate valves, pressure gauge of 5000 psi rating and other standard fittings.	
4. 5" OD x 5000 psi WP dual stand pipe of suitable length with 'H' manifold to match the operating conditions with range 2 drill pipes complete with gooseneck, hammer union or unbolt couplings for making up rotary hose with safety clamp attached.	
5. 3.1/2" ID x 55/60 ft long x 5000 psi WP, rotary drilling hoses with suitable connection to make up on to the standpipe and rotary swivel. The length of Rotary hose shall suit the rig for drilling operations with TDS.	
6. Rig pump delivery manifold shall be connected to the vibrator hoses through rigidly supported strainer cross.	
7. There shall be 5000 psi working pressure gate valve on each mud delivery manifold.	
8. From each pump delivery manifold, suitable bleed line and valve shall be provided.	
9. Pump delivery manifold shall have arrangements for hole fill-up line and kill line connections of suitable sizes / pressure rating with Gate valves.	
10. The 5000 psi pulsation dampeners on each pump shall be complete with charging, hose assembly and the required extra gas for charging.	
11. Required length of intermediate 5000 psi WP delivery pipes complete with bend, T's and valves to connect the pumps (3 Nos.) independently to the stand pipes.	
12. Necessary anchoring arrangement of all high pressure delivery lines to be provided.	
13. Sufficient no. of additional intermediate 5000 psi WP pipes as mentioned in Para (xi) to facilitate extension of the delivery pipe, to meet the 18m spacing between the wells in cluster wells (up to 1 well).	
14. Superchargers- Three electric motor driven centrifugal pump sets mounted on skid with necessary piping suitable for the mud pump.	
I) POWER PACK: Diesel electric AC/SCR or AC/VFD system complete with the following:	
1. Engines – 4(Four) (Minimum) Nos. Turbocharged, after cooled, air start, diesel driven	

Oilfield engines each of min. 1000 HP rating with combined minimum 4000 HP rating (Preferably Cat 3512 B - DITA) complying latest emission norms, coupled with the alternator and shall be unitized and enclosed in a weather-proof, acoustical, skid mounted enclosure. Each power pack shall be complete with matching AC generator for 50/60 cycles operation. The fuel for the engines shall be freely and easily available in India. The acoustic enclosure should reduce the acoustic noise level conforming to the environmental norms as set by concerned environmental pollution control boards.	
2. AC/DC Electric Motors: Adequate numbers of AC/DC motors with adequate continuous HP rating and for operation of draw works (Min. 2 motors, maximum 3), for slush pump – maximum 4 Nos. motor at their respective rated capacity. The motors shall be complete with suitable blowers and ducting.	
3. AC/SCR or AC/VFD System: Suitable AC/SCR or AC/VFD systems of reputed make Bidder shall offer detailed technical specifications along with the bid.	
4. Rig package Rig package shall be complete with all electrical control room, 'SCR' cubicles, DC power control room, AC power control room to match the auxiliary loads of mud system, water system, fuel system and air system mentioned in this section.	
The above power pack shall conform to the following:	
a. All outdoor equipment such as AC motor, safety junction boxes, plug sockets, luminaries etc. shall be weather proof with IP 55 protection as per India standards.	
b. Power pack and SCR house or AC-VFD system control rooms to be place outside hazardous area, i.e. at a distance of 32 mtrs. (minimum) from the well centre.	
c. All components shall be suitable for following ambient conditions in desert area in Rajasthan. <ul style="list-style-type: none"> • Temperature: Max. 55 deg. C & Min.-05 deg.C • Humidity: Max. 95% & Min. 40% • Altitude : 100 to 300 M AMSL 	
d. All DC motors shall have matching blowers with suitable ducting & filter System.	
e. Suitable derating factor shall be taken into account while choosing electrical electronic components for high ambient temperature condition.	

f. Engine cooling system shall be designed to withstand above temperature condition and the radiators shall be suitable for max. 55 deg. C ambient temperature.	
g. Adequate air cleaning system and filters shall be provided on all engines to protect these from dust.	
h. Electrical system shall be provided with all necessary cables and cable trays with grasshopper arrangement to the derrick floor.	
i. Explosion proof and vapour types fluorescent and mercury vapour lighting system shall be used for lighting the mast and substructure.	
j. Lighting fixture shall match API specification and the mines Act, 1952 and its subsequent amendments and Oil Mines Regulation 1984.	
k. The lighting system shall include but not limited to the following i.e. lighting the mast and substructure, rig floor, power packs, power control room, plinth area, mud pumps, generators shades, mud system, water system, fuel system, air system, BOP control unit, dog house, mud storage house, well site offices, chemical storage & lab. Areas, camp etc.	
l. Fixing arrangements of outdoor luminaries shall be such that this can be installed and dismantled quickly and easily for transportation during the inter-location moves.	
m. A flame proof intercom complete system shall be provided between dog house, SCR room/AC-VFD system control rooms, mud pump, mud attendant's cabin, geologist's cabin, Company representative's office and radio room.	
n. Power pack and electrical controls of the rig shall be complete in all respect to carry out drilling operations to the objective depth.	
o. The system shall meet the detailed technical specifications of rig electric system furnished in this document.	
p. Necessary provision for supplying power including electrical, to other utility units shall be provided by the Bidder whenever required.	
q. Estimated fuel consumption per day [average] at full load while drilling up to a depth of (i) 2000 m ii) 4000 m depth shall be provided by the Bidder.	
J) CELLAR PUMPS As per serial no. 'f' under Misc. tools & equipment (Clause No. 7.2 (2) M)	
K) TWIN STOP SAFETY EQUIPMENT Suitable twin stop safety equipment, Bear Cat model 400 or equivalent to be provided with the draw-works.	
L) LADDER, RIDING BELT, FALL ARRESTOR, and EMERGENCY ESCAPE DEVICE ETC.: The riding ladder to crown block shall be equipped	

with <u>fall arrestor</u> . A suitable riding belt to be provided to meet any emergency or to carry out repair jobs above derrick floor. Suitable & effective emergency escape device (DGMS Approved) from racking board to ground shall be provided.											
M) EMERGENCY HOOTER The rig shall be equipped with one emergency hooter.											
M) EMERGENCY SHUT OFF SYSTEM An emergency shut off (fuel shut off and air shut off) control switch shall be located in driller's panel and at suitable strategic location.											
O) EMERGENCY ALARM An electrically operated emergency alarm with provision for operating the same from driller's console shall be provided.											
5.2 GROUP – II											
• BOP STACK (As per API Spec 16A) AND WELL CONTROL EQUIPMENT (As per API Spec 16C)											
All items including but not limited to those mentioned below shall be supplied by the Bidder. The cellar depths will be 4.1/2 ft. & 6/6.1/2 ft. for different wells.											
The planned wellhead for KGB Project and Rajasthan Project will be as follows:											
<table border="1"> <thead> <tr> <th>Description</th><th>Size</th></tr> </thead> <tbody> <tr> <td>Housing</td><td>20.3/4" x 3M <i>(Recoverable. To be provided by service provider.)</i></td></tr> <tr> <td>WF Spool</td><td>20.3/4"x3M-13.5/8"x 5M/10M <i>(To be provided by service provider.)</i></td></tr> <tr> <td>WF Spool</td><td>13.5/8" x 5M/10M-11" x 10M <i>(To be provided by service provider.)</i></td></tr> <tr> <td>WF Spool</td><td>11" x 10M – 7.1/16" x 10M <i>(To be provided by service provider.)</i></td></tr> </tbody> </table>	Description	Size	Housing	20.3/4" x 3M <i>(Recoverable. To be provided by service provider.)</i>	WF Spool	20.3/4"x3M-13.5/8"x 5M/10M <i>(To be provided by service provider.)</i>	WF Spool	13.5/8" x 5M/10M-11" x 10M <i>(To be provided by service provider.)</i>	WF Spool	11" x 10M – 7.1/16" x 10M <i>(To be provided by service provider.)</i>	
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WF Spool	11" x 10M – 7.1/16" x 10M <i>(To be provided by service provider.)</i>										
Required change spool is to be provided by the Bidder.											
• BOP STACKS / SPOOLS											
i. 20.3/4" x 3M / 21.1/4" x 2M Annular BOP (Cameron/Shaffer/Hydril/ Worldwide Oilfield Machine INC (WOM)/ Control Flow/ FMC Technologies Singapore Pte Ltd make only): 1 no. (Necessary spool for 20.3/4" x 3M -21.1/4" x 2M is to be provided by bidder as indicated in point iv below).											
ii. Double ram BOP (Cameron/Shaffer/Hydril/ Worldwide Oilfield Machine INC (WOM)/ Control Flow/ FM Technologies Singapore Pte Ltd (make only) 20.3/4" X 3M or 21.1/4" x 2M minimum: 1 No. with blind ram and 13.3/8" & 5" pipe ram.											
iii. Drilling Spool, Spacer spool, Change Spool with all accessories for nipple-up of above BOPs to be provided by the Bidder.											

iv. 13.5/8" x 5000 psi Annular/Spherical BOP, 1 No. with bottom flange of 13.5/8" x 10 M Working Pressure (Cameron/Shaffer/Hydril/ Worldwide Oilfield Machine INC (WOM)/ Control Flow/ FMC Technologies Singapore Pte Ltd make only). In place of bottom flange of 10M, a suitable adapter flange to fit with Ram BOP is also acceptable.	
iv. One double ram BOP, 13.5/8" x 10000 psi (Cameron/Shaffer/Hydril/ Worldwide Oilfield Machine INC (WOM)/ Control Flow/ FMC Technologies Singapore Pt Ltd make only). having top & bottom flange of 13.5/8" x 10 M Working Pressure with blind shear rams and 9.5/8", 7", 5.1/2", 5", 3.1/2" and 2.7/8" pipe rams.	
v. One single ram BOP, 13.5/8"x10000 psi (Cameron/Shaffer/Hydril/ Worldwide Oilfield Machine INC (WOM)/ Control Flow/ FMC Technologies Singapore Pte Ltd make only) having top & bottom flange of 13.5/8" x 10 M Working Pressure with 9.5/8", 7", 5.1/2", 5", 3.1/2" and 2.7/8" pipe rams.	
vi. One double ram BOP 7.1/16" x 10000 psi (Cameron/Shaffer/Hydril/ Worldwide Oilfield Machine INC (WOM)/ Control Flow/ FMC Technologies Singapore Pte Ltd make only). having top and bottom connection of 7.1/16" x 10 M flange, with side outlets (4 Nos.) complete with ring joints gasket, studs & nuts and with 3.1/2" and 2.7/8" pipe and blind rams, one pair each. OR One double ram BOP 11" x 10000 psi (Cameron/Shaffer/Hydril/ Worldwide Oilfield Machine INC (WOM)/ Control Flow/ FMC Technologies Singapore Pte Ltd make only). with side outlets (4 nos.) complete with ring joints gasket, studs & nuts and with 3.1/2" , 2.7/8" ram and blind rams, one pair each. Necessary spool for nipple-up of BOP to 7.1/16" x 10000psi flange to be provided by Bidder.	
vii. One Cross over Spool 7.1/16" x 10M to 13.5/8" x 10M to nipple up 13.5/8"x 10M BOP stack over 7.1/16"x 10M spool in case of DST.	
x. All BOPs shall have crossover (Adapter flange to match 5000 and 10000 psi wellhead).	
viii. The Bidder shall provide the following : <ul style="list-style-type: none"> • New and unused Ring joint gaskets for all flanges with sufficient quantity as spares. • Adequate no. of studs & nuts for all flanges and hydraulic/ pneumatic torque wrenches to suit all nuts. • Operational spares for Bidder's BOPs both annular and ram, including ram sub-assemblies 	

<p>of sizes to suit various tubular sizes including blind ram & shear ram.</p> <ul style="list-style-type: none"> Annular BOP sealing element. Maintenance / overhauling / repair services for above BOPs 	
ix. Adapter / crossover spool 13.5/8" x 5,000 psi to 13.5/8" x 10,000 psi- 1 No. having 2 nos. of flanged side outlet of 3.1/16".	
<p>x. Drilling spool having two nos. of 3.1/16" x 10,000 psi side outlets:</p> <ul style="list-style-type: none"> 20.3/4" x 3000 psi: 1 No.: (30" - 36" high) 13.5/8" x 10,000 psi: 1 No. (18" - 20" high) <p>Note: With facility for hooking up choke / kill lines having flanged side outlet of 3.1/16" in the same plane but in opposite directions.</p>	
xi. Cross over flange/adaptor spool 11" x 5000 Psi to 13.5/8" X 10000psi with necessary ring joint gaskets.	
<p>xii. (a) Double studded adaptor flange / adaptor spool 11" x 10,000 psi bottom, 7.1/16" x 10000 psi top with ring joint gaskets.</p> <p>(b) Double studded adaptor flange / adaptor spool 7.1/16" x 10,000 psi bottom, 13.5/8" x 5000 psi top with ring joint gaskets.</p>	
xiii. Double studded cross over flange with bottom configuration of 11" x10,000 PSI and top configuration of 13.5/8" x 10,000 PSI complete with ring joint gaskets, stud & nuts.	
<p>xiv. a) Companion flanges of appropriate sizes and numbers and suitable for all kill, choke, check valves and lines etc.</p> <p>b) Companion /suitable flanges (proper pressure rating) for 3.1/16" to 1.13/16" and 3.1/16" / 3.1/8" to 2" line pipe female thread.</p> <p>c) Ring Joint Gaskets for above and 2" X 8" X 10M nipple as required.</p>	
xv. Suitable risers with provision for hole filling line.	
<p>xix. Poor boy swivel and drill pipe shut-in valve 10000 PSI WP with compatible Rotary hose & Drill pipe connections.</p> <p>xvi. The Bidder shall bring adequate quantity of studs, and ring joint gaskets and wrenches for hooking up all the above sizes of stacks and also for replacement of damaged ones.</p> <p>xvii. The ultimate responsibility of making the well head complete lies with the Bidder. Bidder shall identify and bring all other items, which are not mentioned above but required to carry out drilling operation. (Well head stack-up drawing to be provided to the Bidder prior to mobilisation).</p>	
xviii. Bidder shall provide a schematic diagram with	

the dimensions of BOP stacks for different sizes and stages of completion.	
xix. All above BOPs shall be hydraulically operated with hydraulic/manual locking arrangement.	
xx. BOPs to be installed, tested & operated as per API RP53. All Adapter flanges, spools, DSAs, flanges, etc. shall be as per API Spec 6A, Latest Edition.	
B) CHOKE & KILL MANIFOLD (As per API Spec. 16 C)	
1. One set of 3.1/16" x 10,000 psi choke manifold rigidly supported, with two each of manually and hydraulically operated chokes. As per API Spec. 16C, First Edition 1993, Drawing No. 10.7.3 (Sec. 10.7) including control console mounted at derrick floor showing all necessary parameters.	
2. The drilling spool shall have two nos. of 3.1/16" x 10,000 psi side outlets with two gate valves each of manually operated and hydraulically operated along with minimum one numbers of check valves. 2.1/16" x 10000 psi valves (manual, hydraulic & check) may be considered for kill line side arrangement only and necessary change spool for 3.1/16" - 2.1/16" x 10M is to be provided by the Bidder.	
3. BOP valves – (One each) gate valve and check valve on kill lines side of size 3.1/16" x 10,000 psi.	
4. Kill lines and choke lines, articulated or flexible (Co-flexi preferred) of sufficient lengths to match drilling spool side outlet connections and kill/choke manifold connections. (Note: - kill pump will be placed at least 150 ft. away from well bore).	
5. 10000 Psi WP rigidly supported Kill Manifold with provision for connection onto slush pumps and high pressure killing pump by means of 2" ID x 10000 psi chiksan hoses.	
6. Required number of 2" ID x 10000 psi chiksan hoses for hooking up well killing pump, test lines, emergency kill line and wherever operationally required.	
7. Choke & kill manifolds shall be complete with all necessary studs & nuts, ring joint gaskets & fittings etc.	
C) BOP CONTROL UNIT (As per API Spec. 16 D)	
<ul style="list-style-type: none"> 1 No. Koomey or internationally fields proven reputed make skid mounted accumulator & Control Unit having 3000 Psi WP to suit all BOPs (Annular, two nos. Ram BOPs and shear Ram 	

<p>BOP), choke manifold configuration with two remote controls, adequate reservoir capacity to meet all the requirements & complete with skid mounted pipe racks to keep the control unit at a safe distance away from the well (at about 100 ft) as per OISD/OMR. The unit shall consist of adequate number of accumulators of 11/15 gallon capacity each & complete with necessary pressure actuator switches to make unit both automatic & manual. Bidder is required to forward the work sheet indicating the reservoir capacity & accumulator capacity along with the bid.</p>	
<ul style="list-style-type: none"> • Arrangements for charging the accumulators with nitrogen, as and when required. 	
<ul style="list-style-type: none"> • BOP control unit shall be complete with electrical and air operated pressurizing system, capable of pressurizing up to 3000 psi. 	
<ul style="list-style-type: none"> • Adequate number of hydraulic accumulators, adequate capacity reserve tanks and all necessary fittings for safe operation of the BOP stack as specified earlier. The Company reserves the right to increase/decrease the reservoir / accumulator sizes. 	
<ul style="list-style-type: none"> • BOP remote control unit with graphic visual display, 1(One) on the derrick floor and 1(One) on the proximity of Co-rep or Tool Pushers office. • Accumulator bladders charging and gauging assembly. Necessary high pressure hoses and chicksan piping to connect accumulator unit to the BOP stack. 	
<ul style="list-style-type: none"> • All electrical items shall be suitable for hazardous area, zone-1 Gas Group I & II. 	
<ul style="list-style-type: none"> • Sufficient number of high pressure control lines shall be made available in pipe rack for connection between BOP & control Unit placed 100' away. Also adequate length of air hose bundles for connection of both remote control panels. All electrical items shall be suitable for use in hazardous area, zone-1, Gas Group I & II. Electric motor, cables and motor starter of BOP control unit shall have valid DGMS approval for use in oil fields. 	
D) WELL CONTROL ACCESSORIES	
<ul style="list-style-type: none"> • One no. Lower Kelly cock suitable for 4.1/2" IF 	

drill pipe connection. (Plz. refer point 2D below.)	
<ul style="list-style-type: none"> Hydril or equivalent drop-in type back pressure valve complete with landing sub, check valve & retrieving tool etc. 1 No. each for landing subs with 6.5/8" API reg. connections & 4.1/2" API IF connection. 	
<ul style="list-style-type: none"> One set of BOP testing unit with suitable high pressure test stump & pump with recorder. 	
<ul style="list-style-type: none"> One no. of 5" inside BOP for making up with drill pipe, having pressure ratings to suit BOP stack rating and with matching thread connections. 	
<ul style="list-style-type: none"> Cup testers for testing 13.3/8" ,9.5/8", 7" & 5.1/2" OD casing with facility of interchangeability of cup to suit different weight of aforesaid casings, well control equipment sub-section "BOP stacks & spools" shall be provided by the Bidder. 	
<p>Note:</p> <p>i) All wellhead equipment / accessories viz. BOPs, spools, choke and kill manifolds, BOP Control Units etc. shall be pressure tested to its rated capacity as per API RP53, OISD & OMR norms and test reports to be made available to the Company Representative.</p> <p>ii) BOPs shall be certified / recertified by OEM. BOPs shall be recertified by OEM/OEM authorized agency for "Fit-for-purpose" certification in conformance with API 16A if BOPs are 5 years old or more. Similarly, recertification will be required before completion of 5 years periodicity as per OISD Standards.</p>	
2. TUBULAR	
<p>A) DRILL PIPE / PUP JOINT (AS PER API SPECIFICATION 5D)</p> <p>Bidder shall provide Premium Class Drill pipes and Pup joints. NDT inspection (as per TH Hill, DS-I, category-3) certificates from authorised third party inspection agency to be forwarded in this regard prior to mobilization.</p>	
<ul style="list-style-type: none"> Minimum 3500 m of 5" OD, 19.5 PPF Drill pipe consisting of Gr. 'G' flash / friction welded, tapered or square shoulder, Internal External upset in range 2 length. Tool jt. Connection shall be 4.1/2" IF (NC 50) with hard banding on box ends. 	
<ul style="list-style-type: none"> Minimum 1500 m of 5" OD, 19.5 PPF Drill pipe consisting of Gr. 'S-135' flash / friction welded, tapered or square shoulder, Internal External upset in range 2 length. Tool jt. Connection shall 	

be 4.1/2" IF (NC 50) with hard banding on box ends.	
<ul style="list-style-type: none"> 2 Nos. each of 5 inch OD, Grade 'G' and 'S' pup joints of 5ft., 10ft and 15 ft length with identical specification as in (i) and (ii) above but without hard banding. 	
<ul style="list-style-type: none"> Installation tool for installing grip-lock type rubber protectors on 5"OD drill pipe with adequate numbers of rubber protectors for the entire contractual period. 	
<ul style="list-style-type: none"> Minimum 2000 m of 3.5"OD, 15.5PPF Drill pipe consisting of Gr. 'G' flash / friction welded, tapered or square shoulder, Internal External upset in range 2 length. Tool jt. Connection shall be NC38. 	
<ul style="list-style-type: none"> 2 Nos. each of 3.1/2 inch OD, Grade 'G' or higher, pup joints of 5ft., 10ft and 15 ft length with identical specification as in (v) above but without hard banding. 	
<ul style="list-style-type: none"> Cross over subs, 3.1/2" Drill Pipe to 5" Drill Pipe. 	
B) DRILL COLLARS & HEAVY WEIGHT DRILL PIPE	
Shall be premium class and NDT inspection (as per TH Hill, DS-I, category-3) report from authorised third party inspection agency to be forwarded.	
<ul style="list-style-type: none"> Deleted. 	
<ul style="list-style-type: none"> 4 nos. 9.1/2" OD, 3" ID, slick drill collar approx. 30-31 ft length, with API 7.5/8" regular connections, having bore back box up & down connection with slip recess & complete with suitable lifting plugs. 	
<ul style="list-style-type: none"> 12 Nos. 8" OD, 3" ID, 6.5/8" API regular, 30 ft long, spiral drill collars having bore-back box and stress relief pin, with slip recess and complete with suitable lifting plugs. 	
<ul style="list-style-type: none"> 25 Nos. 6.1/2" OD, 2.13/16" ID, 4" IF, 30 ft. long, spiral drill collars having bore-back box and stress relief pin, with slip recess and complete with suitable lifting plugs. 	
<ul style="list-style-type: none"> 21 Nos. 5" OD, 50 PPF, 3" ID 30 ft long, 6.1/2" OD tool joints "heavy-weight" drill pipes with 4.1/2" IF box-up & pin down connection. 	
<ul style="list-style-type: none"> 18 Nos. 4.5" OD, API regular, 30 ft long, spiral drill collars complete with suitable lifting plugs. 	
<ul style="list-style-type: none"> 30 Nos. 2.7/8" OD, Drill Collars, 2.3/8" Reg API connection. (will be required for 1st well only for 	

DST operation for a duration of approx. 2 months after which this can be demobilized	
<ul style="list-style-type: none"> 12 joints x 3 ½" OD inspected as per DS-1 Category 3 service Heavy Weight Drill Pipe. 	
<ul style="list-style-type: none"> Adequate No. of lift subs for each size of drill collar for operational convenience. 	
<ul style="list-style-type: none"> Minor variation in dimension for drill collars and heavy weight drill pipes shall be acceptable. 	
C) ONE LOT OF NECESSARY SUBSTITUTES, STABILIZERS, REQUIRED FOR DRILL STRING AS WELL AS FOR COMBINATION STRING:	
All items including but not limited to those mentioned below shall be supplied by the Bidder and shall be supported by NDT inspection (as per TH Hill, DS-I, category-3) report from authorised third party inspection agency.	
C.1 BIT SUB	
<ul style="list-style-type: none"> 1 No. 9.1/2" OD x 7.5/8" API regular double box bit subs with recess for Baker back pressure valve insert. 	
<ul style="list-style-type: none"> 2 Nos. 6.1/2" OD x 4.1/2" API regular box down x 6.1/2" OD x 4" IF (NC 46) box up bit subs. 	
<ul style="list-style-type: none"> 2 Nos. 9.1/2" OD x 7.5/8" API regular box down x 8" OD x 6.5/8" API regular box up bit sub with provision for back pressure valve insert. 	
<ul style="list-style-type: none"> 2 Nos. 8" OD x 6.5/8" API regular double box bit sub with provision for back pressure valve inserts. 	
<ul style="list-style-type: none"> 2 Nos. 3.1/2" API regular double box bit sub for 5.7/8" Bit. 	
C.2 CROSS OVER SUB	
<ul style="list-style-type: none"> 1 No. 6.1/2" OD x 4" IF box up, 9.1/2" OD x 7.5/8" API regular pin down cross over subs. 	
<ul style="list-style-type: none"> 2 Nos. 4" IF box up x 6.5/8" API Regular pin down crossover bottleneck subs. 	
<ul style="list-style-type: none"> 3 Nos. of 6.1/2" OD cross over sub with 4.1/2" API IF Box up x 4" API IF Pin down connection. 	
<ul style="list-style-type: none"> 1 No. 6.1/2" OD cross over subs with 4.1/2" API regular pin down and 4.1/2" IF box up connections 	
<ul style="list-style-type: none"> 1 No. 8" OD x 6.5/8" API regular box up and 9.1/2" OD x 7.5/8" API regular pin down cross over sub. 	
<ul style="list-style-type: none"> 2 Nos. of 4.1/2" IF Box up x 6.5/8" API Reg. Pin down bottle neck sub. 	
<ul style="list-style-type: none"> Double pin sub of under noted connection with appropriate OD x ID 	

<ul style="list-style-type: none"> a) 4" IF x 4.1/2" API Reg. - 1 No. b) 6.5/8" R - 6.5/8" R - 1 No. c) 6.5/8" R - 7.5/8" R - 1 No. 	
<ul style="list-style-type: none"> • 2 nos. 3.1/2" Regular Pin x 3.1/2" x NC 38 Box 	
<ul style="list-style-type: none"> • Any other necessary cross over as per Bidder's supplied string. 	
C.3 STABILIZERS	
<ul style="list-style-type: none"> • 1 No. 26" in-string integral blade / replaceable sleeve type stabilizers having 7.5/8" API regular connection 	
<ul style="list-style-type: none"> • 2 Nos. of 17.1/2" replaceable sleeve type/Integral blade in-string stabilizer with mandrel size 9.1/2" OD & 7.5/8" API regular connections and with adequate nos. of replaceable sleeves. 	
<ul style="list-style-type: none"> • 1 No. of 17.1/2" replaceable sleeve type/Integral blade near bit stabilizer with mandrel size 9.1/2" OD & 7.5/8" API regular connections and with adequate nos. of replaceable sleeves 	
<ul style="list-style-type: none"> • 1 No. 12.1/4" replaceable sleeve type/Integral blade near bit stabilizers with mandrel 8" OD, 6.5/8" API Reg. connection. Adequate number of replaceable sleeves shall be available as back-up. 	
<ul style="list-style-type: none"> • 2 Nos. 12.1/4" replaceable sleeve type in string stabilizers with mandrel 8"OD, 6.5/8" API Reg. connection. Adequate number of replaceable sleeves shall be available as back-up. 	
<ul style="list-style-type: none"> • 1 No. 8.1/2" near bit replaceable sleeve type/Integral Blade stabilisers having 4" IF box up x 4.1/2" reg box down connection respectively, and with adequate numbers of replaceable sleeves. 	
<ul style="list-style-type: none"> • 2 Nos. of 8.1/2" in-string replaceable sleeve type/Integral Blade stabilizers with 4" IF box up x pin down connection with adequate nos. of replaceable sleeves. 	
<ul style="list-style-type: none"> • 4 Nos. each of non-rotating rubber sleeve stabilizer for 5" OD drill pipe with sufficient number of extra rubber sleeves for using inside 9.5/8" casing. 	
C.4 OTHER SUBS	
<ul style="list-style-type: none"> • Adequate nos. of. Kelly saver and protector subs for both 5.1/4 inch Hex. & 2.1/2 inch or 3 inch kellys with adequate numbers of rubber protectors for entire duration of the contract. 	
<ul style="list-style-type: none"> • All rotary substitutes and other substitutes necessary in pressure line etc. required to carry 	

out drilling and all other rig operations shall be supplied by the Bidder in sufficient quantity and it will be Bidder's responsibility to find out the requirement. The Bidder shall also provide the necessary substitutes required to use 2.7/8" EUE tubing and 2.7/8" Vam tubing connection.	
D) TWO NOS. (1 BACK UP) 5.1/4" HEX AND 1 NO. 2.1/2" or 3" SQUARE /HEXAGONAL KELLY WITH THE FOLLOWING:	
<ul style="list-style-type: none"> Mud Check Kelly valve, 10,000 psi WP – 1 No. for 5.1/4" Kelly. 	
<ul style="list-style-type: none"> Upper Kelly Cock, Pressure rating 10000 psi WP (Total 2 Nos. i.e.1+1). 	
<ul style="list-style-type: none"> Lower Kelly Cock, Pressure rating 10000 psi WP- (Total 2 Nos. i.e. 1+1) 	
<ul style="list-style-type: none"> FOSV, Pressure rating 10000 psi WP (Total nos: as required) for drill string and for 2.7/8" & 3.1/2" Tubing (Connection TBA) 	
<ul style="list-style-type: none"> Kelly scabbard with suitable clamps. 	
<ul style="list-style-type: none"> Kelly grief sub with rubber protector installed. 	
<ul style="list-style-type: none"> Kelly saver sub as required. 	
E) NDT INSPECTION: All tubular, rotary substitutes, handling tools shall be NDT inspected by competent third party inspection agency as per TH Hill DS-1 Category 3 standard after completion of every 6 months of drilling (at a suitable period).	
F) HANDLING TOOL: All items, including but not limited to those mentioned below shall be supplied by the Bidder. Please note that the ultimate responsibility lies with the Bidder for supply of all handling tools as per their inventory of items.	
(a) ELEVATORS	
<ul style="list-style-type: none"> 1 Set consisting of total two nos. minimum 500 MT capacity, 13.3/8" spider dressed as elevator and slip complete with all accessories and slip assemblies to handle 13.3/8", 9.5/8", 7" & 5.1/2" casing. 	
<ul style="list-style-type: none"> 2 Nos. 150 MT Side door elevators for 20", 13.3/8", 9.5/8", 7", 5.1/2" Casings. 	
<ul style="list-style-type: none"> 2 Nos. each centre latch elevator, capacity 100 MT for 9.1/2", 8" and 6.1/2" etc. drill collars (for use in conjunction with lift plug only). 	
<ul style="list-style-type: none"> Lift plugs in sufficient quantity for all sizes & nos. of drill collars. 	
<ul style="list-style-type: none"> 2 Nos. Centre latch elevator, capacity 350 MT, for 5" OD drill pipe. Elevator shall match type of shoulder of drill pipe offered by Bidder 	

<ul style="list-style-type: none"> 2 Nos. centre latch elevator, 200 MT capacity for 3.5"OD, 15.5PPF/ 2.7/8" OD drill pipe. 	
<ul style="list-style-type: none"> 2 Nos. each of centre latch elevators, capacity 150 MT, for 2.7/8" & 3 1/2" OD EUE, Premium and Vam tubing. 	
<ul style="list-style-type: none"> Any other handling tool as felt necessary by the Bidder. Supply of elevators for all sizes of tubular with replaceable spares shall be the responsibility of the Bidder. 	
(b) ROTARY SLIPS	
<ul style="list-style-type: none"> 1 No. Casing hand slips each for rotary table for handling – 20", 13.3/8", 9.5/8", 7" and 5.1/2" casings. 	
<ul style="list-style-type: none"> 2 nos. hand slip / power slip for handling 5" OD drill pipes medium / extra-long type to suit pin / square drive master bushing. Bidder shall also provide slips to handle 7"/5.1/2" OD tubular. 	
<ul style="list-style-type: none"> 2 Nos. medium rotary slip (hand / power) / tubing spider complete with inserts for 3.5"OD, 15.5PPF/ 2.7/8" Drill pipe/tubing. 	
<ul style="list-style-type: none"> 1 set each drill collar slips for 6.1/2", 8" & 9.1/2" OD drill collars 	
<ul style="list-style-type: none"> Any other handling tools as felt necessary by the Bidder. Supply of slips for all sizes of tubular with replaceable spares shall be the responsibility of the Bidder. 	
(c) SAFETY CLAMPS: Safety clamps to handle all sizes of drill collars.	
(d) RIG TONGS: Complete sets of Rotary tongs in pairs with required sets of extra jaws and replaceable spares of required capacities & sizes to handle the following tubular:	
<ul style="list-style-type: none"> 3.5"OD, 15.5PPF/ 2.7/8" & 5" OD drill pipes & drill collars of all sizes up to 9.1/2" OD. 	
<ul style="list-style-type: none"> Tubing tongs (both 2.7/8" OD N-80 and VAM) including coupling tong. 	
<ul style="list-style-type: none"> 20", 13.3/8", 9.5/8", 7", 5.1/2" casings. 	
(e) HYDRAULIC / PNEUMATIC TUBULAR HANDLING TOOLS	
<ul style="list-style-type: none"> Hydraulic power casing tongs complete with hydraulic power unit with suitable prime mover, standard accessories and pivot head for 20", 13.3/8", 9.5/8", 7" & 5.1/2" casing: 2 Nos 	

<p>a) 1 no. Pneumatic pipe spinner for handling drill pipes in the range 2.7/8" – 5" OD completes with all necessary fittings.</p> <p>b) Only Pipe Spinner (Pneumatic/hydraulic) shall be used for spinning of all tubular.</p>	
<ul style="list-style-type: none"> Suitable sizes of pneumatic Kelly spinner – 1 No. (For 5.1/4" Kelly) 	
<ul style="list-style-type: none"> The operator for power casing tong shall be provided by the Bidder at their own cost. 	
<ul style="list-style-type: none"> Manual tongs to handle 2.7/8" & 3.1/2" tubing as additional. 	
<ul style="list-style-type: none"> Any other tongs as felt necessary by the Bidder. Supply of tongs for all jobs shall be the responsibility of the Bidder. 	
<p>(G) ELEVATOR LINKS 1 set each of 2.3/4" X 108" & 3.1/2" X 132" weld-less links of Capacity 350 MT and 500 MT respectively.</p>	
<p>(H) BIT BREAKER / THREAD PROTECTORS / NOZZLES GAUGE / STABILIZER GAUGE</p>	
<ul style="list-style-type: none"> 1 No. each bit breakers for 26" & 17.1/2", 12.1/4", 8.1/2", 5.7/8" & 4.5/8" for TCR bits (compatible with master bushing). 	
<ul style="list-style-type: none"> 1 set consisting of 2 nos. each size clamp-on or equivalent casing thread protectors for 20", 13.3/8", 9.5/8", 7" & 5.1/2" sizes. 	
<ul style="list-style-type: none"> Stabilizer gauges and bit gauges of 20", 17.1/2", 12.1/4" & 8.1/2" sizes. Nozzle gauges for various sizes of nozzles and nozzle pliers. 	
<p>(I) AIR WINCH:</p> <ul style="list-style-type: none"> - Rig floor winch – 2 nos. - Monkey board winch - Man-riding winch - Utility winch 	
<p>(J) FISHING TOOLS: Contractor shall include all tools to fish Contractor's tools but not limited to Bowen or equivalent over-shots with grapples, hydraulic fishing jars, intensifiers, drilling jars, junk sub & basket, Reverse Circulating Junk Basket, mills, ditch magnets etc. Sufficient quantity of ITCOLLOY, TINNING ROD & BRAZING FLUX to be kept in stock to dress worn out mill or shoe as and when required.</p>	
<ul style="list-style-type: none"> OVERSHOT: Series 150 Bowen or Equivalent releasing and circulating overshot for operation in 17.1/2", 12.1/4", 8.1/2" & 5.7/8"/6" hole to catch 	

<p>all sizes of Driller collars, heavy weight drill pipes, drill pipes and substitutes as provided by the Bidder with various sizes of spiral grapple, basket grapple, mill control, packers, lock rings, suitable extension sub and oversized lipped guide. (Details to be provided along with the bid).</p> <p>The minimum requirement of overshots is as per the following:</p>	
<p>(1) 11-1/4" O.D. FS series 150 BOWEN or equivalent releasing & circulating overshot with 11- 1/4" O.D. standard lip guide for operation in 12-1/4" hole complete with the following :</p> <p>(a) 1 no. 11-1/4" O.D. 36" long extension sub,</p> <p>(b) 1 no. 15"O.D. oversize lip guide for operation in 17-1/2" hole.</p> <p>(c) 1 no. 11- 1/4" O.D. wall hook guide 42" long.</p> <p>(d) One lot of all the required grapples & packers to suit all sizes of D/P & D/C.</p>	
<p>(2) 9-5/8" O.D. FS series 150 BOWEN or equivalent releasing & circulating overshot with 9-5/8" O.D. standard lip guide for operation in 12-1/4" hole complete with the following :</p> <p>(a) 1 no. 9-5/8" O.D. 36" long extension sub,</p> <p>(b) 1 no. 15"O.D. oversize lip guide for operation in 17-1/2" hole.</p> <p>(c) 1 no. 9 5/8" O.D. wall hook guide 42" long.</p> <p>(d) One lot of all the required grapples & packers to suit all sizes of D/P & D/C.</p>	
<p>(3) 8-1/4" O.D. FS series 150 BOWEN or equivalent releasing & circulating overshot with 8-1/8" O.D. standard lip guide for operation in 8-1/2" hole complete with the following :</p> <p>(a) 1 no. 8-1/4" O.D. 42" long extension sub,</p> <p>(b) 1 no. 15"O.D. oversize lip guide for operation in 17-1/2" hole.</p> <p>(c) 1 no 11-1/4" O.D. oversize lip guide for operation in 12-1/4" hole</p> <p>(d) 1 no. 8-1/4" O.D. wall hook guide 42" long.</p> <p>(e) One lot of all the required grapples & packers to suit all sizes of D/P & D/C.</p>	
<p>(4) 8-1/8" O.D., SH, Series 150, max catch size (spiral) 7"OD, max catch size(basket) 6-3/8" OD, BOWEN or equivalent releasing & circulating overshot with 8 1/8" O.D. standard lip guide for operation in 8 1/2" hole complete with the following :</p> <p>(a) 1 no. 8-1/8" O.D. 42" long ex tension sub,</p> <p>(b) 1 no. 15"O.D. oversize lip guide for operation in 17- 1/2" hole.</p> <p>(c) 1 no.11-1/4" O.D. oversize lip guide for operation in 12- 1/4" hole.</p> <p>(d) 1 no. 8- 1/8" O.D. wall hook guide 42" long.</p>	

(e) One lot of all the required grapples & packers to suit all sizes of D/P & D/C.	
(5) 5-3/4" O.D. SFS series 150 BOWEN or equivalent releasing & circulating overshot with 5-3/4" O.D. standard lip guide complete with the following : (a) 1 no. 5-3/4" O.D. 36" long extension sub, (b) One lot of all the required grapples & packers to suit all sizes of D/P & D/C.	
(6) 4-11/16" O.D., SFS, Series 150, BOWEN or equivalent, releasing & circulating overshot with 3 5/8" O.D. standard lip guide complete with the following : (a) 1 no. 4-11/16" O.D. 36" long extension sub, (b) Oversize guide for above over-shots for use in 5" liner / 5 1/2" casing- 1no. (c) One lot of all the required grapples & packers to suit all sizes of D/P & D/C Note: 1. Spare packers, basket grapples & spiral grapples for all catch sizes as above. 2. Mill Controls for grapples.	
<ul style="list-style-type: none"> SAFETY JOINTS: Bowen or equivalent safety joint to suit different fishing tools. Qty: 1 each 	
<ul style="list-style-type: none"> DRILLING JAR: Hydro mechanical drilling jar to provide upward and downward jarring blows, consisting of two separate sections –Upper & down Jar sections. (NDT certificate to be provided): <ul style="list-style-type: none"> OD: 6.1/4", ID: 2.3/4", 4.1/2" IF RH: 1 No. with accessories OD 7.3/4", ID: 3.1/16", 6.5/8" R RH: 1 No. with accessories 	
<ul style="list-style-type: none"> REVERSE CIRCULATING JUNK BASKET 1 No. each Bowen or equivalent R.C.J.B complete with accessories for the various hole sizes i.e. 17.1/2", 12.1/4", 8.1/2", 6" etc. for 7"/5.1/2" completion wells as per requirement. 	
<ul style="list-style-type: none"> JUNK SUBS 1 No. each Bowen or equivalent Junk subs for operating in the 17.1/2", 12.1/4", 8.1/2" & 6" hole sizes. 	
<ul style="list-style-type: none"> FISHING MAGNET 1 No. fishing magnet with standard fishing neck for operating in 17.1/2", 12.1/4", 8.1/2" & 6" hole 	
<ul style="list-style-type: none"> IMPRESSION BLOCK 1 No. impression block with standard fishing neck for 17.1/2", 12.1/4", 8.1/2" & 6" hole size. a) JUNK MILL 1 No. each junk mill with standard fishing neck for hole sizes of 17.1/2", 12.1/4", 8.1/2" & 6". All materials required for redressing of mills shall be 	

<p>provided by the Bidder. Redressing of mill, if any, shall be carried out by the Bidder.</p> <p>b) MILL</p> <p>1 No mill for milling bridge plug/retainer plug.</p>	
<ul style="list-style-type: none"> SUPER FISHING JAR: Straight pull, capable of transmitting full torque in either direction, ability to deliver rapid series of blows when desired, easy closing or resetting, having OD=6.1/4" and ID=2.1/4", 4.1/2" API IF RH top sub box connection & bottom pin connection, complete with circulation hole & cone type piston assembly : 1 No. (NDT certificate to be provided): 	
<p>(K) CASING SCRAPER / ROTOVERT: 1 No. each casing scraper / rotovert for casing size of ,13.3/8" (68 ppf), 9.5/8" (47 PPF), 7"/5.1/2" OD (29/20 PPF).</p>	
<p>(L) FIRE PUMP WITH ALL ACCESSORIES: Bidder to provide Suitable Fire Fighting & Safety equipment as required for Oil Well Drilling as per Mines Act of India and OISD STD 189.</p> <p>1 no 1800 LPM capacity trailer fire pump with 50/40 KL static water tank having minimum 108 cu.m/h flow rate, 100 psi(7 Kg/cm²) with all accessories (suction hose, delivery hose, nozzle, tools etc.) to be provided by Bidder at Well-site with personnel having fire-fighting training and certificate.</p>	
<p>(M) RING LINE</p> <p>i) The Bidder shall lay a 4" dia Fire Water Distribution line at a distance of 15 to 30 meters from the well head complete with adequate numbers of fire hydrants, monitors, fire hoses etc. located at strategic points as per guidelines laid out in OISD standard 189. The line shall deliver clear water and be ready to supply water on a continuous basis at 50 psi at all times. The water line shall be charged from the delivery of the Trailer Fire Pump and also provision shall be made to charge the line from outside of the Trailer Fire Pump. The Bidder shall also lay water lines to provide water at all utility points (including office, laboratory etc.). All materials & services required in these connections shall be supplied by the Bidder. A schematic layout diagram of the Fire Water Distribution line as per requirement of OISD Standard 189 will be provided.</p>	
<ul style="list-style-type: none"> This is a mandatory requirement and shall be frequently tested for fire fighting purposes. In case of non-functioning of the ring line for fire fighting, OIL reserves the right to stop further operations and nil day rates will be applicable till the time 	

<p>the line is made functional.</p> <ul style="list-style-type: none"> The Bidder shall comply with any / all other regulation (s) that comes into effect from time to time in this regard. 	
(N) TRANSPORTATION SERVICES	
• OIL'S RESPONSIBILITY	
<ul style="list-style-type: none"> Transportation of Company's personnel and materials/equipment (those not attached with the rig) will be Company's responsibility. Bidder will however be responsible for providing all facilities including use of their crane and personnel for unloading/loading and proper stacking/storing of Company's materials at drilling site/campsite. 	
<ul style="list-style-type: none"> Chemicals required for preparation of mud and completion fluid, and Cement shall be supplied by OIL through third party Contactor. OIL through third party will arrange transfer of chemicals/ cement/additives to well sites in time. It is the responsibility of the Bidder for providing manpower for shifting the chemicals from warehouse to mixing platform/hopper and mixing there off as per requirement. 	
<ul style="list-style-type: none"> In case of well emergency, it is the responsibility of OIL to supply/transport Chemicals, Cement etc. to well site 	
<ul style="list-style-type: none"> Well consumables like casing, tubing, well head etc. shall be supplied by OIL. To & fro collection, transportation will be provided by OIL and loading / unloading, stacking etc. at well site of these consumables shall be carried out by the Bidder, as and when required, with the help of Bidder's crane and manpower. 	
b. BIDDER'S RESPONSIBILITY	
<ul style="list-style-type: none"> Transportation of Bidder's personnel & their material from campsite to drill site and between drilling sites shall be the responsibility of the Bidder. All vehicles deployed for this purpose shall be in prime condition 	
<ul style="list-style-type: none"> All requirements of crane(s), during rig up/rig down & inter-location movements are to be provided by the Bidder. Any additional requirement of crane(s) for any specific purpose at site during well operation shall also be provided by the Bidder. 	

<ul style="list-style-type: none"> Bits required for drilling of wells shall be supplied by OIL. However, it is the responsibility of Bidder for loading/offloading at site. 	
<ul style="list-style-type: none"> The Bidder must provide at their cost, equipment & services of the following minimum number (Vintage of items not more than 5years) 	
<ul style="list-style-type: none"> Sufficient numbers of Diesel Hydraulic, Truck mounted, Telescoping boom mobile crane of suitable capacity during rig up /rig down & inter-location movements of Rig package. 	
<ul style="list-style-type: none"> Sufficient number of load carrying vehicles and cranes so that the inter-location movement is completed without any delay. 	
<ul style="list-style-type: none"> Minimum 1 no. of Diesel Hydraulic, Truck mounted, Telescoping Boom mobile crane of 30 Tonne minimum capacity & 1 no. of forklift of 5 tonne minimum capacity to be made available at all times at well site. 	
<ul style="list-style-type: none"> During Inter-location movement, any left out consumables including but not limited to, well head, casing, tubing or any kind of tubular, bits, chemicals, barytes, bentonite etc. shall be collected, loaded, unloaded, stored, handled, transported between locations by the Bidder or as directed by OIL. 	
(O) MISCELLANEOUS TOOLS & EQUIPMENT	
<ul style="list-style-type: none"> 1 No. each of circulating head for 20" BTC, 13.3/8" BTC, 9.5/8" BTC, 7" BTC & 5.1/2" BTC casings, 3.5"OD, 15.5PPF/ 2.7/8" IF & 2.3/8" IF drill pipes. 	
<ul style="list-style-type: none"> 1 No. poor boy swivel for 5" OD x 4.1/2" IF drill pipes. 	
<ul style="list-style-type: none"> Circulation Heads <ol style="list-style-type: none"> One No. circulating head for 5" OD x 4.1/2" IF drill pipe fitted with quick opening gate valve and Chicksan hose connection. One No. of circulating head for 2.7/8" EUE tubing. One no. of tubing shut in valve for 2.7/8" EUE tubing 	
<ul style="list-style-type: none"> Mud basket (provision to drain to Mud Ditch) for use during round trips with Drill Pipes of sizes 5", 3.1/2" and other tubular. 	
<ul style="list-style-type: none"> Adequate number of appropriate size back pressure valves to be installed on bit subs during different stages of drilling (complete with 	

installation tool).	
<ul style="list-style-type: none"> • Cellar pump: Suitable capacity motor driven actuator cellar pump to take suction from cellar bottom (6.1/2' to 7") and to deliver at mud ditch/shaker. The pump shall be able to handle minimum 300 GPM. Pump shall be suitable for class I, dir. 2 areas and gas group I, IIA & IIB. 	
<ul style="list-style-type: none"> • One No. of additional reels of 7500 ft. each, 1.3/8" or 1.1/2" IWRC drilling line (as per specification of the rig). 	
<ul style="list-style-type: none"> • One additional reel of 16000 ft., 9/16" or 5/8" IWRC sand line (as per specification of the rig, in case of dual drum draw works). 	
<ul style="list-style-type: none"> • Appropriate riser for all stages of drilling 	
<ul style="list-style-type: none"> • Rig warehouse and workshop 	
<ul style="list-style-type: none"> • Complete sets of tools / wrenches. 	
<ul style="list-style-type: none"> • Suitable size & number of bell nipples and flow nipples for making up at the well head 	
<ul style="list-style-type: none"> • Suitable capacity (engine or electrically driven pump reciprocating/centrifugal type) for pumping gauging water to cementing hoppers. 	
<ul style="list-style-type: none"> • One pair manual tongs for 2.7/8" /3.1/2" tubing, 6.500 ft. lb capacity each 	
<ul style="list-style-type: none"> • Welding Machine: Diesel powered electric welding generator capable to generate welding current at 480 Hz with Constant Current characteristics with all associated welding and cutting apparatus, Oxy-acetylene cutting equipment with flash back arrestor, brazing etc. Engine shall be fitted with spark arrestor. All consumables shall be supplied by the Bidder. 	
<ul style="list-style-type: none"> • One no. hydraulic power tong for 2.7/8"/3.1/2" OD production tubing 	
<ul style="list-style-type: none"> • Drill pipe and tubing spinner suitable for all sizes and capacity to be operated with rig air supply. 	
<ul style="list-style-type: none"> • Cup tester for the following: <ol style="list-style-type: none"> a. 13.3/8"X68 PPF casing b. 9.5/8" x 47 PPF casing c. 7" x 23 PPF casing d. 5.1/2" x 20 PPF casing 	
(P) TOTCO DRIFT RECORDER: Will be provided by the Bidder	
(Q) SLICK LINE WINCH: In case of single draw works drum, Bidder to provide one Slick line winch with	

suitable piano wire for inclination survey.	
(R) OTHER PROVISIONS TO BE PROVIDED BY BIDDER	
<ul style="list-style-type: none"> The Bidder shall provide, at his cost a Barytes loading platform with shed to facilitate storing and mixing of mud chemicals at well site. The size of the platform shall be 700-800 sq. ft. The loading and unloading of materials in the shed and in the Barytes and Bentonite mixing hopper shall be done by the Bidder. 	
<ul style="list-style-type: none"> For / during well testing (Production Testing) 	
(i) SCHEDULE – 1	
<ul style="list-style-type: none"> Making & breaking including stacking and running in of production tubing (both 2.7/8"/3.1/2" OD tubing) as per the standard practice 	
<ul style="list-style-type: none"> Installation of Tubing Head Spool, packing of secondary seal and testing of the same as per the rating 	
<ul style="list-style-type: none"> Testing of X-Mas tree and installation of the same. 	
<ul style="list-style-type: none"> Making necessary tubing/ casing connections to the well head set up. 	
<ul style="list-style-type: none"> To assist the well test/DST service provider in hooking up of the production equipment namely Tanks, Separator, Steam jacket, ground X-Mas tree etc. as per the requirement. 	
<ul style="list-style-type: none"> To make the gas flare line to the flare pit. 	
<ul style="list-style-type: none"> To maintain the tubing tally including any down hole production equipment run. 	
<ul style="list-style-type: none"> Assist in Hooking up of the steam lines to production tanks and steam jacket. To provide crane for CTU operation. 	
(ii) SCHEDULE -2	
<ul style="list-style-type: none"> All production equipment's namely X-Mas tree, Tubing head spool, Hanger flange / Tubing hanger, Separators with all accessories, Tanks, Steam jacket, Ground X-Mas tree, Tubing (both EUE N-80 and VAM), Pipes for surface fittings and flare line etc. will be provided by OIL/third party. 	
<ul style="list-style-type: none"> All tools required for making up of the above equipment are to be supplied by the Bidder i.e. Elevators, slips, Tubing tong, Coupling tong, Power tubing tong etc- to be provided by the 	

Bidder.	
<ul style="list-style-type: none"> • Consumables as thread dopes for Bidder's items to be provided by the Bidder. • OIL reserves the right for inspection and verification of the rigs and associated ancillaries during any time after bid closing date. Bidder shall confirm acceptance of this clause in their bid. 	
5.3 GROUP -III (MUD /AIR/WATER/FUEL SYSTEM)	
<p>A. A mud system having an active capacity of approximately 1200 bbls and gross capacity of 2200 bbls including reserve capacity, with the following tanks / tanks compartments;</p> <ul style="list-style-type: none"> - shale shaker tank - Desander / Desilter Tank. - Suction tank - One trip tank (60 bbls minimum, with 2" x 3" centrifugal pump and 25 HP explosion proof electric motor) - one mixing tank - Suitable Nos. of reserve tanks to accommodate the above reserve capacity. - gauging water tank, capacity (45 KL) With mixing hopper system , agitator and delivery pump with line & fittings to cementing unit. - slug tank (tank shall be a part of suction tank capacity around 60 bbls) <p>NOTE: Provision for suction of mud from any of the reserve tanks with either of the mud pumps shall be kept. The butterfly valves connecting the tanks and the slush pumps to be regularly serviced and checked for leakage and the rubber seals to be replaced at regular intervals to ensure complete isolation .</p>	
(a). The mud system shall include the following:	
<ul style="list-style-type: none"> • High Speed Linear Motion Dual Tandem Shale Shaker [LMSS] Two nos. with minimum 6 G force capable of handling at least 1000GPM [With 1.08 sp. Gravity water/ polymer based mud] and sufficient number of screens from 20 to 250+ mesh size for drilling various hole-sections. 	
<ul style="list-style-type: none"> • Linear Motion Mud Cleaner, capable of handling at least 1000GPM [1.08 sp. Gravity water/ polymer based mud], having screen size up to 325 mesh size with Desander & Desilter installed over it (Underflow of Desander & Desilter diverted over the shaker screen) having the following capacities: 	

<p>1) Desander (Hydro cyclone type) capacity at least 1000GPM, (With min. 2 cones) complete with TRW Mission (8" x 6" x 14") or equivalent centrifugal pump (40 psi minimum) and 75 HP (min) motor.</p> <p>2) Desilter (Hydro cyclone type), capacity at least 1000 GPM complete with TRW Mission (8" x 6" x 14") or equivalent centrifugal pump (40 psi minimum) and 75 HP (min) motor.</p>	
<ul style="list-style-type: none"> • Degasser, Vacuum type capacity at least 1000 GPM, complete with suitable vacuum pump, motor and proper gas disposal system with poor boy degasser (or MGS) chamber for disposing gas beyond hazardous area / zone by an anchored 4"(min) dia pipe. 	
<ul style="list-style-type: none"> • Two no 10 HP (min) mud agitators with gear box having a min.36" dia. impeller with 4(min) bottom gun jet per tank 	
<ul style="list-style-type: none"> • Mud gas separator (MGS) 	
<ul style="list-style-type: none"> • Mud mixing system, consisting of low pressure hoppers and electric motor driven centrifugal pumps. The System shall be capable of mixing mud up to 19 PPG, approx. the system shall contain at least two hoppers & two 75 to 100 HP centrifugal charging pumps. 	
<ul style="list-style-type: none"> • Jet shearing device: one no. 	
<ul style="list-style-type: none"> • The reserve tank shall have independent suction & delivery lines with mixing arrangement through the hopper. 	
<ul style="list-style-type: none"> • Electric motor driven centrifugal pumps for above mud cleaning and degassing equipment. Throughout the tank system the following lines shall be installed as required complete with all necessary valves fittings & unions: <ul style="list-style-type: none"> - suction lines - mud roll - discharge line - water line - Mix line 	
<ul style="list-style-type: none"> • Centrifuge: Brandt's HS-3400 or equivalent High G-force capacity and with long clarification area to process approx. 170gpm with feed density of 9.3 ppg mud [approx.] at not less than 2000G's. The functions of solids sedimentation, separation and draining are all to be combined in the centrifuge. The unit shall be complete with charging pump, Main Drive Motor [FLP type], hydraulic drive, and torque 	

control assembly for centrifuge. [Note: All safety measures are to be adopted in placement as well as operation period.]	
<ul style="list-style-type: none"> In case of stuck pipe situations the Contactor must provide HSD for spotting on chargeable basis. 	
<ul style="list-style-type: none"> Adequate capacity gauging water tank, slug tank within the suction tank of approx. capacity 60 bbls with all necessary fittings, valves, connection etc. shall be provided by the Bidder 	
<ul style="list-style-type: none"> Moreover the following shall also be provided by the Bidder- <ul style="list-style-type: none"> A suitable number of stairways from ground to top of tanks, from ground to choke manifold level, from choke manifold level to top of tank. One crossover platform from mud tank to substructure complete with stairs. Tank shall be covered with bar grating. Hand rails shall be provided on all the outer boundaries of the tanks. The mud tanks and all other accessories are to be mounted on rugged oilfield skids. Mud tanks shall be in good working condition and rugged enough to last the entire duration of contract including an extension if any, without having to undergo repairs irrespective of their movement. 	
(b) CABIN FOR MUD ATTENDANT A cabin of dimension (approx.) 5' L x 5' W x 8' height mounted on a skid with one sliding door, 3 safety glass windows (on 3- sides), one knowledge box and one tool box for mud attendant. The inside walls of the cabin are to be provided with thermal insulation and laminated boards. The cabin shall be placed near the intermediate tank at the level of the walkway.	
B) AIR SYSTEM: Rig air compressor package consisting of the following mounted on a hut.	
<ul style="list-style-type: none"> Two Nos. electric motor driven reciprocating / centrifugal air compressors each having a capacity of min. 90 CFM at 125 psig working pressure, complete with all accessories. 	
<ul style="list-style-type: none"> One number cold start compressor capacity 30-40 CFM at 150 psig rated working pressure, driven by diesel engine 	
<ul style="list-style-type: none"> 2 nos. air receiver hydraulically tested within last three years with documentary evidence each having a capacity of 80 CFT and rated 	

for 200 psig working pressure complete with air dryer, safety relief valve, pressure gauge, condensate trap etc.	
C) WATER SYSTEM: The water system shall conform to the minimum requirements as given below for guidance.	
<p>A. Three Nos. water tanks of total storage capacity of minimum 170 cu.m. (approx.). Each tank shall have a man hole opening of 20" x 20" to go inside for cleaning purpose along with two centrifugal pumps (as water booster) having capacity minimum 80 m³ per hour and 26 m head with 40 HP or adequate capacity pump, explosion proof 415 volts, 50 Hz, 3 phase electric motors and complete with suction and discharge lines for operation of either or both pumps.</p> <p>One set piping: Std. size & complete with suitable valves for supply of water to mud system from the above 3 tanks.</p>	
<p>B. Water Supply: The Bidder shall be responsible for arranging suitable capacity pump for drawing source water from minimum 15 m / 20m water source below ground level with all necessary piping, and other set-up.</p> <p>The Bidder shall be responsible for procuring, transporting and storing/supplying adequate quantity of both drill / potable water to well site / campsite at their cost. The Company shall in no way be responsible for any water arrangement whatsoever at well site / campsite.</p>	
<p>D). Fuel Tank:</p> <p>Two tank diesel fuel system having a total capacity of approx. 80 KL (450bbl) complete with fuel pre-filters and two electric motor driven fuel / transfer pumps. Bidder must maintain minimum stock of diesel for five days continuous drilling operation at well site.</p>	
<p>NOTE:</p> <p>i) In case, the rig remains idle for want of a minimum required quantity of acceptable quality water, then 'nil' day rate shall be applicable for the entire period of shut-down.</p> <p>ii) In case of total mud loss into the formation while drilling or in case of fire fighting, if the whole water stock is consumed, then 'nil' day rate will not be applicable. However, the Bidder has to take urgent & all-out effort to replenish the stock immediately in order to tackle the water problem.</p> <p>iii) If source water cannot be located within the plinth areas, because of sub-surface formation reason, the Bidder shall have to set up water supply station at the nearest available source.</p>	

iv) To cater the need of all emergencies an alternate adequate water source shall be identified & arrangement shall be kept ready to provide water to camp / well-site to meet the emergencies.	
E). ELECTRICITY: Sufficient lighting to permit 24 hours of operation. Lighting specifications will meet the regulatory requirements including explosion proofing for hazardous locations in the Contract Area.	
<ul style="list-style-type: none"> • Generation and supply of electrical power for running the entire operation and for various uses in the camp and well site shall be done by the Bidder. Provision shall be made for standby generators both at camp & well site to ensure uninterrupted supply of electricity. Adequate lighting shall be provided in the camp, campsite, and drill site by the Bidder. • Supply of electricity to company's mud logging unit, MWD unit and other harmonic sensitive equipments which operate at 220/415 VAC, 50/60 Hz shall be from separate & dedicated DG sets of 30/60 KVA capacity which shall be the Bidder's responsibility at their cost. • The Bidder must provide facility for running all electrical equipment of OIL & their own at 50Hz /60 Hz AC supply wherever applicable. Rig lighting system shall conform to API standard and be connected to the main rig power system. Standby provision shall be kept to meet the requirement as and when necessary. 	
<ul style="list-style-type: none"> • Aviation Warning Lights <ol style="list-style-type: none"> a) Five nos. Night aviation warning light Red Aviation warning lights with Light intensity: 10cd. shall also be provided at the top of the Rig mast and at four corners of the thribble board as per standard practices and IAF requirements. These lights shall be operational at all times from the moment mast is raised and untill the mast is lowered irrespective of well operation b) Five numbers of (one additional to be kept as standby) Daylight flasher type aviation warning light is to be fitted, at the top of the mast and at four corners of the thribble board of the mast in addition to red aviation warning lights. This light is to be used during day time when the drilling location is situated within the flying zone near IAF airfields as per IAF requirements .Specifications for the above light are – Color of light : White (Flashing), Light intensity : 20000cd, Flashes per minute : 20-60 flashes per minute. 	

<ul style="list-style-type: none"> The rig shall have sufficient length of cables for drilling cluster wells as per tender requirements (space between 2 wells is 18 m) 	
<ul style="list-style-type: none"> DGMS Approval for Electrical Equipment All electrical equipment such as motors, cables, light fittings, push button stations, plug & sockets, junction boxes, motor starters etc. installed in hazardous area shall have valid DGMS (Directorate General of Mines Safety, India) approval for use in oilfields. DGMS approval shall be engraved/marked on the name plates/body of such equipment. (Oil Mines Regulations, 1984; Regulation nos. 73 & 75). Power for Rig Lighting circuits is to be supplied from 230 V Phase to Phase supply (as per Indian Electricity Rules, 1956). Suitable lighting transformer(s) shall have to be used for the purpose. 	
<ul style="list-style-type: none"> Neutral Grounding Resistor (NGR) system Neutral grounding resistor (NGR) shall be used to limit the ground fault current such that, the fault current shall not be more than 750mA as per [CEA (Measures relating to safety and electric supply) Regulations, 2010; Regulation no.100]. NGR system shall be complete with monitoring and alarm facility for earth fault current as well as failure of NGR. Ground fault current limiting scheme shall take care of all safety aspects and shall conform to National/International standards. 	
<ul style="list-style-type: none"> Earth leakage protective device Each outgoing feeder for motor, lighting etc. shall be provided with earth leakage protective devices (RCCBs or CBCT with Earth leakage protection relay) so as to disconnect the supply instantly at the occurrence of earth fault or leakage of current at the pre determined set point. [CEA(Measures relating to safety and electric supply) Regulation,2010; Regulation no.42] 	
<ul style="list-style-type: none"> Hazardous area lighting The voltage for hazardous area lighting shall be limited to 230V phase to phase. A suitable capacity lighting transformer shall be used for the above purpose. All lighting fixtures, plug & sockets, junction boxes etc. used in hazardous area shall be flameproof enclosure type Ex.'d' and these light fittings shall have valid DGMS approval. [CEA(Measures relating to safety and electric supply) Regulation,2010; Regulation no.102] 	

<ul style="list-style-type: none"> Lighting system shall include adequate lighting arrangement for mast, rig floor, mud tanks, water tanks, area lights etc. and shall be complete with proper fixing arrangements, poles etc. 	
<ul style="list-style-type: none"> The metallic frame/body/enclosure of every electrical equipment (viz. generators, transformers, motors, PBS, starters, junction boxes etc.), PCR, Diesel tanks, Mud tanks, Mast, bunk houses etc. shall be earthed by two separate and distinct connection to the earth. [CEA(Measures relating to safety and electric supply) Regulation,2010; Regulation no.41] Double compression FLP cable glands shall be used at cable terminations in hazardous areas. 	
<ul style="list-style-type: none"> Cables shall be laid properly, supported by cable trays/ metallic poles to prevent from any mechanical damage. 	
<ul style="list-style-type: none"> Insulating mats conforming to IS-15652:2006, of appropriate voltage shall be provided in front of every electrical panel for the safety of operating personnel. [CEA(Measures relating to safety and electric supply) Regulation,2010; Regulation no.19] 	
<ul style="list-style-type: none"> Danger boards/notices, with a sign of skull & bones designed as per IS-2551, shall be fixed on the enclosure of each electrical equipment viz. motors, generators, transformers, starters etc. [CEA (Measures relating to safety and electric supply) Regulation, 2010; Regulation no.18] 	
<ul style="list-style-type: none"> Intrinsically safe type Insulation tester shall be used for measurement of IR value of equipment installed in hazardous area. [CEA (Measures relating to safety and electric supply) Regulation,2010; Regulation no.110] 	
<ul style="list-style-type: none"> The bidder shall furnish the following along with the offer: <ol style="list-style-type: none"> Single line power flow diagram of the rig. A Plant layout of electrical equipment used in the rig. A layout of the earthing system including earthing of diesel tanks, PCRs, all motors, motor-starters, alternators, cable trays, individual mud tanks, bunk houses, BOP control unit, area lighting switch boards & any other electrical equipments used for the purpose. Details of all electrical equipment viz. alternators, motors etc. used in the rig as per the format given in Annexure-IV. Details of all cables, light fittings, PBS, motor starters etc. used in the rig as per the format 	

given in Annexure-V. Note: Bidders have to furnish a list of Electrical equipment to be used in hazardous areas as per format given in Annexure-IV & V. The Electrical equipment must have certifications of flame-proofness from an authorised testing facility like CIMFR, Dhanbad if the equipment are of Indian origin or by any equivalent foreign certifying agency if the equipment are of foreign origin and all have to be approved by DGMS, Dhanbad as a statutory requirement (Oil Mines Regulations, clause numbers 73 & 75).	
<ul style="list-style-type: none"> Electrician's Tool Kit along with FLP torch, Multimeter, Earth Tester, line tester, Luxmeters, rubber insulated gloves (of appropriate voltage grade), ladder etc. shall be provided for electrical jobs. 	
COMMISSIONING REPORT & STATUTORY RECORDS: Following reports and records are to be maintained by Bidder to record the following- <ul style="list-style-type: none"> Commissioning records containing specifications & insulation resistance of every motor, generator, transformer, distribution board, motor starter etc. (in each rig-up). Record of Earth resistance of all electrodes (in each rig up) [CEA Regulation 41(xvii)]. Test record of RCCBs (once every 3 months) [CEA Regulation 100(3)]. Electrical Log sheet (daily – operational parameters) Maintenance of FLP equipment (yearly). Log sheet for Mines and Oil-Fields (daily) as per Schedule-XIII. [Ref: CEA (Measures relating to safety and electric supply) Regulations,2010] Electrical permit to work 	
Following documents shall displayed conspicuously : <ol style="list-style-type: none"> Single line power flow diagram of the rig. Earthing layout of electrical equipment. Plan layout of electrical equipment used in the rig Electrical Shock-treatment chart 	
All the electrical installation job shall be carried out as specified in the CEA (Measures relating to safety and electric supply) Regulations,2010 and relevant standards and precaution shall be adopted in the Oil field as specified in the CEA (Measures relating to safety and electric supply) Regulations,2010.	
F). MISCELLANEOUS ITEMS	
Dog house	
Two section cat walk and pipe racks of sufficient capacity and length.	
Storage and tool house.	

Pipe and casing rack of suitable height and adequate capacity.	
Suitable arrangement at the end of flow nipples of well head for fixing as monitoring equipment, with a suitable shed for the gas logger at that location.	
Gas monitoring apparatus.	
Rat Hole Digger OR Positive displacement motor for rat hole drilling.	
High pressure (10,000 psi rated) kill pump with minimum 200 bbls capacity tank, agitators with necessary fittings.	
G). DRILLING INSTRUMENTATION	
<ul style="list-style-type: none"> The rig shall be equipped with the following instruments of Martin Decker or equivalent make suitable for Drilling oil field use: 	
<ul style="list-style-type: none"> Martin Decker type E/EB or equivalent wt. indicator complete with accessories and suitable wire line anchor for appropriate number of lines strung at Driller console. 	
<ul style="list-style-type: none"> Driller's console shall contain 1 No. of suitable Mud pressure gauges (additionally one on stand pipe manifold, two on both mud pumps), tong torque system, rotary torque gauge, RPM meter and pump SPM counter for each rig pump. 	
<ul style="list-style-type: none"> Suitable Mud Volume Totalizer and flow fill indicator and recording system for all tanks (including trip tank) shall be provided at Driller console. It shall include emergency honking system, signal alarm and visual display boards at strategic points. This system must be DGMS approved. Mud flow fill and stroke indicating system with alarm, Return mud flow indicator with Alarm, Hydrocarbon and H2S Gas Detectors = 2 Nos. each minimum. One number of calibrated Portable Multi Gas Detector with alarm capable of detecting Hydrocarbon & H2S. 	
<ul style="list-style-type: none"> Seven channel recorder or Electronic Data Acquisition System equipped with DGMS approved electric component to record string weight, WOB, mud pressure, rotary/Top drive torque, RPM, mud pump SPM and ROP suitable located at derrick floor preferably inside the dog house. Equivalent system is also being applicable (Fit for purposes). <p>GENERAL NOTES: Minor variation in capacity, size and specification of tools and equipment quoted with the rig shall be acceptable provided these are fully compatible with the offered rig.</p>	
<ul style="list-style-type: none"> The total number of rig loads required for rig movement shall be clearly spelt out in the bid 	

giving details of each load.	
b. Approximate transportable dimension of one rig load shall be confined to 9 M (L) x 3.5 M (W) x 4.5 M (H).	
c. Supply, storage, consumption / regulation of water & fuel at the well sites as well as at the camp site shall be the Bidder's responsibility. Any shut down of operation due to non-availability of water and fuel shall be on the Bidder's account.	
<ul style="list-style-type: none"> The Bidder shall submit the layout drawing of the offered rig package indicating loading pattern of soil / foundation under the following conditions: <ul style="list-style-type: none"> (i) While raising / lowering mast. (ii) With rated hook load + set back load. (iii) With casing and set back load. The above shall be furnished with the bid. 	
<ul style="list-style-type: none"> The Bidder shall stock, adequate amount of screens (mesh sizes may be 16, 40, 60, 80, 100, 120, 140, 175, 210, 240, 375 etc. or equivalent.) for shale shaker and size 150 and beyond for mud cleaner. Simultaneously, enough stock of desander /desilter / mud cleaner cones & other spares shall also be maintained by the Bidder. 	
<ul style="list-style-type: none"> The sinking of deep tube wells at the respective sites and installation/ operation of water pumps, extraction of water from deep tube wells for rigs as well as camp shall be the Bidder's responsibility. Supply of water from alternate sources shall be the responsibility of the Bidder, if no water is found at the exact camp or well site. 	
<ul style="list-style-type: none"> Bidder to provide HSD in case of stuck pipe situation for spotting and payment will be made by Company. The Bidder shall also provide fuel for all of their vehicles and other stationary engines and at camp site. 	
<ul style="list-style-type: none"> All sorts of lubricants for day to day operation of various rig equipment shall be supplied by the Bidder. Also, various spares for rig components shall be stocked / supplied by the Bidder. 	
<ul style="list-style-type: none"> All sizes of drilling bits as required separately under different casing /hole policy shall be provided by OIL. Bidder will supply on request, bits selected by OIL at actual cost + 5% handling charge. 	
<ul style="list-style-type: none"> Adequate stock of Grip-lock rubber protectors, fluted type for 5" Drill pipes along with 	

installation device shall be stocked by the Bidder.	
<ul style="list-style-type: none"> At least 4 Nos. of non –rotating rubber sleeve stabilizers for 5” OD x19.5 PPF x Gr. S/G drill pipes with sufficient nos. of spare replaceable rubber sleeves. 	
<ul style="list-style-type: none"> Well killing: The primary responsibility of well killing and all related operations shall lie with the Contractor. Contractor shall provide man, material and fire service for this purpose. OIL shall render help in civil administration when such a situation arises. Competency of the Bidder’s well killing operation shall be decided by OIL. Based on this, OIL reserves the right to bring in external experts. The resultant cost thereof shall be borne by the Bidder, in the event that the blow out occurred due to negligence of the Bidder. Kill Pump Contractor shall provide a kill pump set of the following broad specification: Diesel Engine (250-300 hp capacity) driven, preferably Turbocharged Caterpillar/Cummins, OPI/National make or equivalent pump of max. rated working pr. 10000 psi having varying plunger sizes, 2.3/8”, 3.1/2”, 4” having discharge rate of 350GPM (maximum) with suitable torque converter having five speed control system1(one) no. kill tank of minimum 200 bbl capacity. The kill line should be laid with chicksan joint having NRV, bleed valve and should be suitably grouted at intervals along with additional safety chains in between two joints. One (1) no. compatible kill manifold of 10,000 psi rating should also be provided. Grouting of the kill lines to be done by the Company with assistance from the Contractor. Pressure Test Requirements All pressure tests shall be recorded on pressure chart recorders whenever possible. A record shall be kept of the volumes required to obtain the test pressure, the fluid used for the test, and the volume returned during the test when pressure was bleed off. Contractor should arrange for suitable pressure test pump of minimum 5000 psi capacity and necessary test hose/lines with NRV, pressure gauge. i.) Formation Integrity Test: Formation integrity tests shall be conducted according to Company’s Procedures. Pressure testing of stand pipe manifold and choke manifold valves are to be carried out according to relevant API standards. 	

<p>ii.) Casing Test: The casing will be pressure tested over the entire length after placing cement. Casing pressure tests shall be conducted for minimum 15minutes as specified in the drilling program.</p> <p>iii) BOP Test: All pressure tests on BOP, wellhead components and their connections shall be carried out in line with relevant OISD standard – 174 and Company’s well control manual. BOP test pressures shall be applied at 300 psi low and high values (to be specified in the program/as per OMR-84) for time span as specified in the drilling program. Pressure tests on BOP, wellhead components and their connections shall be made with clean water unless if otherwise specified by the Company representatives. All valves shall be arranged for fast shut-in-well control conditions immediately after BOP tests.</p> <p>iv) Wellhead seal integrity tests: Wellhead seal integrity tests shall be conducted in accordance with the Company procedures/drilling program.</p> <p>v) Well Control requirements: BOPs will be installed after running the surface casing. A Formation Integrity Test will be performed after drilling out the casing shoe and immediately after drilling out float equipment on all casing strings. For all secondary well control the preferred method is preferred. BOP stack, control system and choke manifold shall be function and pressure tested on installation and after every 07 days and 21 days as per OMR-84 /Company’s requirements. These tests shall be witnessed by the Company Representative and recorded on appropriate chart recorders. The correct size wear bushing or bore protector is to be installed in the well head during all drilling and logging operations. The De-gasser is to be operated after installation and function tested thereafter regularly during drilling. Any shortcomings are to be reported and immediately rectified, before drilling ahead. Prior to using a new bit or bottom hole assembly, the Contractor shall take slow pump rates at 20, 30 and 40 strokes per minute. Slow pump rates shall also be taken at the beginning of each work tour, after drilling 200 meters, or after making changes to the mud weight. The results shall be reported on the daily progress report.</p>	
<p>5.4 CIVIL ENGINEERING WORK</p> <p>All Civil Engineering jobs associated with preparation of approach road, well-site plinth, rig foundation (with cellar) etc. will be the Company’s sole responsibility. However, the bidder shall submit the following along with their bid in order to assess the quantum of civil</p>	

engineering works required:	
<ul style="list-style-type: none"> • Rig layout drawing clearly indicating road over plinth / hard standing area, rig foundation area, lay out of mud pump foundation, PCR, Power Pack, Diesel tank area etc. 	
<ul style="list-style-type: none"> • Substructure foundation design and detailed working drawing. 	
<ul style="list-style-type: none"> • Maximum Cellar dimension which can be accommodated within the sub base. 	
<ul style="list-style-type: none"> • Structural configuration and load distribution of the rig package /equipment. • Detailed design and working drawing of any other equipment requiring cement/concrete foundation. 	
<ul style="list-style-type: none"> • All approach roads to well site and hard standing of well sites will be made from available construction materials without any black topping whatsoever as per prevailing practice. 	
<ul style="list-style-type: none"> • Grouting as well as necessary sizing / adjustment in length of false conductor with available cut pieces is Contractor's responsibility. Necessary civil materials and false conductor pipe will be supplied by OIL 	
<ul style="list-style-type: none"> • All grouting required for anchoring guy post/any wire line (if required), delivery/other lines etc. is Contractors responsibility. Providing civil materials for such jobs will be responsibility of OIL. 	
<p>NOTE: i. All approach roads to well site and hard standing of well sites will be made from gravel & WBM locally available without / with any black topping whatsoever as per prevailing practice.</p> <p>ii. It is Bidder's responsibility to arrange for the central base camp. Company's will not be in any way responsible for setting up of base camp.</p> <p>iii. For well site camp it shall be Company's responsibility to prepare the land and provide fencing.</p>	
<p>a) The Civil materials required for camp maintenance shall be supplied & arranged by the Bidder.</p>	
<ul style="list-style-type: none"> • Maintenance of approach roads to well sites, well plinth shall be the Company's responsibility while maintenance of camp site shall be Bidder's responsibility. Civil materials (sand, brickbat, boulders etc.) required for well plinth maintenance shall be supplied & arranged by the Company (OIL). 	

5.5 ASSOCIATED SERVICES	
<ul style="list-style-type: none"> • MUD ENGINEERING AND DRILL WASTE MANAGEMENT SERVICES <p>Mud preparation shall be the responsibility of Mud Engineering Service Provider hired by OIL. Bidder is expected to render necessary help for smooth operations. Bidder to provide roustabout in shifts for handling of chemicals, preparation of mud, tank cleaning etc.</p>	
<p>B. CEMENTING SERVICES</p> <p>Cementing Service Provider hired by OIL shall perform the cementation jobs at the wells planned to be drilled. The Bidder shall provide necessary assistance as & when required. Bidder to make necessary mud/water lines to cementing unit as required.</p>	
<p>C. CORING SERVICES</p> <p>Coring will be done through coring service provider hired by OIL. The Bidder shall be required to take cores during drilling in different stages whenever desired by OIL. The Operating Day rate will be applicable during the coring period. The total number of days envisaged for coring per location will be finalised by OIL later. The hole proving trips / preparation of hole to take cores will be considered as coring operation.</p> <p>D. WELL LOGGING SERVICES</p> <p>All logging requirements as depicted in the drilling program will be met by third party service provider hired by OIL. Bidder to provide necessary assistance to the Logging Service Provider, as required.</p>	
<p>E. COLD CASING CUTTING SERVICES</p> <p>Bidder to provide cold casing cutting services, if necessary, to cut casing at well head after setting slip seal assembly.</p>	
<p>F. BULK HANDLING SERVICES</p> <p>Cement & Barite bulk handling services will be provided by third party and hired by OIL. Bidder to provide necessary assistance , as required.</p>	
<p>G. LINER HANGER SERVICES: Liner Hanger Services will be provided by third party hired by OIL. Bidder to provide necessary assistance in assembling and disassembling of tools. Liner hanger running-in operation is to be done by Bidder as per instruction of Liner Hanger Expert/ OIL.</p>	
<p>H. MUD LOGGING SERVICES: MLU Services will be carried out by third party hired by OIL. Bidder to provide necessary assistance, if required.</p>	
<p>I. DST AND SURFACE PRODUCTION TESTING SERVICES: OIL will hire the DST, TCP and Surface Production Services from third party. Bidder to provide necessary assistance to the third party service providers, as necessary.</p>	

J. CATERING SERVICES	
<p>A suitable catering service serving Indian and continental food to the Bidders personnel and 22 nos. of OIL designated personnel shall be made available during the entire contractual period by the Bidder. The Bidder shall also provide catering service to all third party Bidders under their purview.</p>	
<p>K.CHARGE FOR FOOD: Charges for food for each additional Company's or Company designated persons shall be paid per meal to be computed on the basis of individual meals.</p>	
<p>L. MEDICAL SERVICES</p> <p>The Bidder shall arrange for first aid and emergency medical facilities (as per OISD guidelines) and doctor including an ambulance on 24 hours basis at Bidder's cost.</p> <p>Bidder shall provide proper First-Aid trained personnel with required quantity of first aid equipment and medicines to meet any emergency.</p>	
<p>M. CAMP AND OTHER ESTABLISHMENT</p> <p>Suitable camp facilities for Bidder's personnel (inclusive of third party Bidder's personnel) including camp site dispensary and catering services shall be provided by the Bidder. Additionally, fully furnished air conditioned bunk house type accommodation shall be provided for at least 22 (Twenty Two) Company personnel or OIL's representatives. The camp shall be well maintained with normal recreational facilities including VCD, Colour TV, music system etc. at the Bidder's cost. The camp facilities to be provided by the Bidder to the Company shall include but not limited to the following:</p> <p>Accommodation for 10 (ten) Company's Officers (including third party) at well site.</p> <ul style="list-style-type: none"> • The Company Representative shall have independent accommodation with office equipped with computer, printer, photocopier & internet and other facilities with attached bath & toilet-1 No. • Single seater accommodation with attached bath & toilet with all necessary furnishings: 1 no. • Two seater for senior officials of the Company with attached bath & toilet: 4 nos. • Office Bunk house for mud engineer/geologist/drilling engineer with all office furniture and accessories • One air conditioned communications bunk house containing all communication equipment. • One air conditioned bunk house type first aid disbursement room to meet any emergency with 	

<p>doctor and attendant.</p> <ul style="list-style-type: none"> • Spacious dining hall, kitchen, store bunk house etc. as per convenience of the Bidder. <p>Standard Accommodation for 12 (Twelve) Company's personnel/third party service personnel at campsite to be provided.</p> <ul style="list-style-type: none"> • Four seater accommodation with attached bath & toilet with all necessary furnishings: 3 nos • Recreation room with satellite TV and other standard amenities to be provided at site and at camp. • Laundry unit with attendant service as per standard international practice at site & at camp. • Spacious dining hall, kitchen, store bunk house etc. as per convenience of the Bidder. <p>(All accommodation units must be fully air conditioned and fully furnished)</p>	
<p>NOTE:</p> <p>i) The Bidder shall bring light and easily transportable dwelling units for camp establishment. Bidder may hire Hotel/ individual house for Base camp.</p> <p>ii) All units including those to be used as office shall be fully furnished and air conditioned with proper lighting arrangements. The dimensional sketches of all units are to be provided with the bid. Disposal of any effluents from toilets/kitchen etc. will be the responsibility of the Bidder. The Bidder shall be solely responsible for keeping the entire camp area and well site neat, clean and hygienic.</p> <p>iii) About 45 m x 45 m of area is to be demarcated for placement of above living bunk houses for OIL s personnel. The area is to be properly leveled with suitable drainage system, fenced (with XPM / barbed wire fencing) and well protected with Iron Gate.</p> <p>iv) Cooking may not be allowed in all well sites. Bidder will have to arrange for providing food at well site in such instances.</p>	
<p>M. SAFETY AND FIRE FIGHTING EQUIPMENT/SERVICES (As per API wherever applicable)</p>	
<ul style="list-style-type: none"> • Sufficient safety equipment, required to meet the regulatory requirements, including but not limited to windsocks for wind detection, personal protective equipment (PPE) for all of Bidder's personnel. 	
<ul style="list-style-type: none"> • Safety: Bidder shall observe such safety regulations in accordance with acceptable oilfield practice and applicable Indian Laws. Bidder shall take all measures reasonably necessary to provide 	

safe working conditions and shall exercise due care and caution in preventing fire, explosion and blow out and maintain fire and well control equipment in sound condition at all times. Bidder shall conduct such safety drills, BOP tests, etc. as may be required by Company at prescribed intervals.	
<ul style="list-style-type: none"> • Bidder shall provide all necessary fire-fighting and safety equipment as per laid down practice as specified under OISD - STD -189 and OMR. For well site and camp site. 	
<ul style="list-style-type: none"> • All of Bidder's equipment & practices shall comply with <ul style="list-style-type: none"> - Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010. - Oil Mines Regulations, 1984 with latest amendments - Directives from Directorate General of Mines Safety. - Sound proof, weather proof and environment friendly enclosures for engines conforming to the norms of CPCB (Central Pollution Control Board, India) and latest guidelines of Environment Protection Act, 1986 (India).(75 dBA at 1 mtr. from source). 	
<ul style="list-style-type: none"> • Fire protection at drilling sites shall be the responsibility of the Bidder. Necessary action shall be taken and prior arrangements to be made for providing competent persons trained in the field of fire fighting (certificate/diploma holders) at the rig site. 	
<ul style="list-style-type: none"> • Documentation, record keeping of all safety practices shall be conducted as per international/Indian applicable laws, act, regulations etc., as per standard Oilfield practice and these records shall be made available for inspection at any point of time. The H.S.E (Health Safety and Environment) policy as well as emergency procedure manual shall be kept at site. Compliance of these shall be the sole responsibility of the Bidder. 	
<ul style="list-style-type: none"> • One ambulance with dedicated driver shall be kept standby at well site for 24 hrs to meet any emergency with all basic facilities like stretchers, oxygen cylinders, first aid facilities, etc. 	
N. MAINTENANCE OF COMPANY'S EQUIPMENT	
i. In case of any non-conformity in the connections/sizes between various equipment and tools to be provided by the Bidder, which depart from the generally adopted procedure followed for a	

particular equipment / tool of the rig package, the Company reserves the right to ask the Bidder to provide all necessary accessories to use such items without any obligations on the part of the Company. This clause shall not however, be unduly exercised without consultation/agreement with the Bidder.					
ii. Loading of barytes/bentonites/chemical additives shall have to be carried out by the Bidder.					
iii. OIL shall provide one no. chemical godown with proper raised brick soled cemented/wooden flooring for storing of chemicals, LCM etc. Bidder to maintain the godown and keep chemicals properly.					
iv. The Bidder shall ensure that AVIATION WARNING LIGHTS on the crown and monkey board of the mast have been provided as per Aviation Standards .					
v. Bidder shall assemble, dismantle, and move all OIL's designated items attached with the rig without any obligation to OIL.					
O. PERSONNEL TO BE DEPLOYED					
<ul style="list-style-type: none"> The Bidder will have to deploy adequate manpower to carry out the required operations. The deployment pattern will be as per the Bidder's discretion for all the required services except for the rig operations during drilling & completion phases for which the deployment pattern has to be as per the following norm with the indicated key personnel. In case the bidder deploys any foreign national during execution of the contract , they shall obtain necessary permission /permit from Ministry of defense , Ministry of Home affairs, Ministry of external affairs and District administration etc. The company shall only provide necessary introductory letter for the same. 					
Position	Total per day	Day time shift	Night time Shift	Off	Allocated per Rig
Rig Manager /Rig Superintendent	1	1	-	1	2

Tool Pusher	1	1	-	1	2	
Tour pusher/Night Tool Pusher	1	-	1	1	2	
Driller	2	1	1	2	4	
Assistant Driller	2	1	1	2	4	
Derrick men	4	2	2	4	8	
Roughneck/ Floorman	8	4	4	8	16	
Chief Mechanic	1	1	-	1	2	
Chief Electrician	1	1	-	1	2	
Welder	1	1	-	1	2	
HSE Officer	1	1	-	1	2	
Medic/ Doctor	1	1	-	1	2	
Mechanic	1	-	1	1	2	
Electrician	1	-	1	1	2	
Crane Operator	1	1	-	1	2	
Forklift Operator	1	1	-	1	2	
Roustabout Catering Personnel, camp boss, laundry assistant, cleaner etc	8	4	4	8	16	
	As required					
TOTAL	36	21	15	36	72	
<ul style="list-style-type: none"> Bidder to provide one Project Co-ordinator at their cost to liaise with OIL on daily basis. The Rig Manager/Rig Superintendent has to be present at site all the times and shall report to Project office as and when asked for to receive instruction/resolving any issue on contractual obligation. 						
<ul style="list-style-type: none"> PERSONNEL: The qualification and experience of the personnel are to be as under: 						

a. RIG MANAGER / RIG SUPERINTENDENT	
i) Shall be of sound health and have work experience in drilling oil / gas wells, for 10 years, of which at least 5 years shall be in a senior management (above Tool Pusher) level including 2(two) years as Rig Manager/Rig Superintendent.	
ii) Must possess valid well control certificate (Rotary drilling, surface BOP stack by IWCF) at appropriate level and shall be conversant with well control methods to take independent decisions in case of well emergencies.	
iii) Qualification: Must be Engineering / Science Graduate or engineering diploma (three-year regular) holder.	
b. TOOL PUSHER	
i) Shall be of sound health and conversant with working in diesel electrical rigs.	
ii) Must possess valid well control certificate (IWCF) at appropriate level and shall be conversant with well control methods to take independent decisions in case of well emergencies.	
iii) Shall be conversant about mud chemicals & maintenance of mud property.	
iv) Minimum Qualification and Experience: Engineering diploma (three-year regular) or XII standard (Science) pass. 10-years in Drilling, out of which at least 2(two) years as rig-in-charge/tool pusher in oil & gas drilling wells.	
c. TOUR PUSHER / NIGHT TOOL PUSHER:	
i) Shall be of sound health and conversant with working in diesel electrical rigs.	
ii) Must possess valid well control certificate (IWCF)/IADC Well cap at appropriate level and shall be conversant with well control methods to take independent decisions in case of well emergencies.	
iii) Shall be conversant about mud chemicals & maintenance of mud property.	
iv) Minimum Qualification and Experience: Engineering diploma (three-year regular) or XII standard (Science) pass. 6 years in Drilling, out of which at least 2 (two) years as tool /tour pusher in oil & gas drilling wells.	
d. DRILLER:	
i) Shall be of sound health and conversant with working in diesel electrical rigs.	
ii) Must possess valid well control certificate (IWCF)/IADC Well Cap at appropriate level and shall be conversant with well control methods to take independent decisions in case of well emergencies.	

iii) Shall be conversant about mud chemicals & maintenance of mud property.	
iv) Minimum Qualification and Experience: XII standard (Science) pass. 5 years in Drilling, out of which at-least 2 (two) years as Shift in-charge /Driller.	
e. ASSISTANT DRILLER:	
i) Shall be of sound health and conversant with working in diesel electrical rigs.	
ii) Shall have idea about well control methods to take decisions in case of well emergencies.	
iii) Shall be conversant about mud chemicals & maintenance of mud property.	
Minimum Qualification and Experience: X standard pass. 4-5 years of experience as part of a drilling crew in drilling oil & gas wells where at-least 1 (one) year experience as Asst. Driller.	
f. DERRICKMAN:	
4 years of experience as part of a drilling crew in drilling oil & gas wells where at-least 1 (one) year experience as Derrick man.	
g. FLOOR-MAN/ROUGHNECK	
3 years of experience as part of a drilling crew in drilling oil & gas wells where at-least 1 year experience as Floor man/Rig man.	
h. CHIEF MECHANIC	
i) Shall have sufficient knowledge of operation and maintenance of Drilling rigs and its components viz. engines, rig pumps, supercharge pumps, centrifugal pumps, solid control equipment, degasser, shale shaker and all other mechanical items/engines operating in drilling rigs.	
ii) Qualification: <u>Diploma in Mechanical Engineering (three-year regular) or B.Sc. or equivalent with 3 years of experience or SSC/HS/PU/I. SC or equivalent with 6 years of experience, out of which at least one year shall be as Chief Mechanic in oil/gas well Drilling rig.</u>	
i. MECHANIC	
Qualification - <u>SSC/HS/PU/I. SC/10th std pass or equivalent</u> and 3 years of experience as mechanic in oil/gas drilling wells.	
j. ELECTRICAL ENGINEER / CHIEF ELECTRICIAN	
Chief Electrician shall be a person holding degree or diploma in electrical engineering with relevant experience of working in oilfields and shall hold valid Electrical Supervisor's Certificate of Competency, covering mining installation, issued by State Electrical Licensing Board. [Ref: CEA (Measures relating to safety and electric supply) Regulations,2010; regulation no.3,6&115 and Oil Mines Regulations,1984; regulation no.81]	

k. ELECTRICIAN	
Electrician shall be a person holding diploma in electrical or certificate (two years course) from a recognized ITI in electrical trade with relevant experience of working in oilfields and shall hold valid Electrical Wireman Permit, covering mining installation, issued by State Electrical Licensing Board. [Ref: CEA (Measures relating to safety and electric supply) Regulations,2010; regulation no.3,6&115 and Oil Mines Regulations,1984; regulation no.81]	
l. WELDER	
Shall have adequate experience in oil industry and must be conversant of welding of casing and well head accessories. He must possess the certificate of welding trade from any recognized institute of State Govt. (One year course).	
m. HEAVY CRANE OPERATOR/FORK-	
Shall have a minimum of 2 years work experience in operating a heavy crane/pipe layer attached to drilling rigs and possess valid license for driving heavy motor vehicle. He shall be able to operate road roller.	
n. HSE OFFICER	
i) Duties and responsibilities include safety during drill-site preparation, rig move, rig up, rig down, raising & lowering mast, rig floor operations, cementing jobs, safety meeting during crew change, pre job safety meetings, routine safety inspection of rig and well site, preparation of job specific SOP in English & local language, ERP (Emergency Response Plan – off-site & on-site), Risk Register, Bridging Document, preparation of Job Safety Analysis, safety briefing to visitors, Work Permit systems, investigation & analysis of accidents, incidents & near miss.	
ii) To follow all DGMS, OISD & MoEF guidelines and submit return at specified intervals.	
iii) Responsible for issuing PPE, safety equipment to all personnel arriving at rig and ascertain that all personnel use and maintain these equipment properly.	
iv) Responsible for designing location entrance and exit.	
v) Qualification and Experience: Shall be a graduate in Engineering/Safety & Environment or related discipline from a recognized institute with a recognized professional qualification in HSE management and have work experience in E & P Company of minimum 1 year. Health, safety & Environment experiences included formation and implementation of HSE policies, Work site inspection & hazard identification, Work Permit	

<p>system, pre job safety meeting, <u>Accident, Incident and Near Miss Investigation & analysis</u>, Report making and record keeping, selection of PPEs suitable for work activity & work environment, work site HSE inspection and audits, and Emergency Response Planning & loss control programs, taking precaution for pollution control and environmental management. Shall have knowledge on ISO (safety & Environment), ISRS etc.</p>	
<p>Note:</p> <p>a) An undertaking from all the personnel as per Proforma (Annexure V) shall be forwarded prior to mobilization of man power.</p>	
<p>b) The personnel deployed by the Bidder shall comply with all the safety norms (statutory/standards/guidelines) applicable during operation. (Key personnel may be asked for personal interview before deployment.)</p>	
<p>c) Medical Fitness:</p> <p>i) The Bidder shall ensure that all of the Bidder Personnel shall have had a full medical examination prior to deployment of man power for Drilling operation and submit reports in prescribed format given in recent circular by DGMS in this regard. The Bidder must adhere to IME & PME requirement as per DGMS.</p> <p>ii) A qualified and registered doctor shall conduct all such medical examinations in accordance with accepted medical standards.</p> <p>d) Training Courses:</p> <p>i) The Bidder shall ensure that all of the Bidder Personnel performing services hereunder shall have attended all safety and operational training courses such as mines vocational training, First Aid, Fire Fighting etc. required by applicable law (DGMS) and as is generally consistent with international petroleum industry practice and/or as otherwise required by the Company.</p> <p>ii) The Bidder shall, if requested, forthwith produce valid and current certificates of completion or attendance for the Company's inspection.</p>	
<p>e) Personnel shall be well versed in fire fighting, BOP control, gas testing etc. The appropriate certificates to this effect, issued by ONGCL/OIL or any other accredited organization, also shall be submitted prior to mobilization. (In case, the above training course for Bidder's personnel is to be arranged by OIL, the Bidder will be charged accordingly).</p>	
<p>f) Rig Manager will operate in well site only.</p>	

<p>g) Adequate number of experience personnel to run the camp / kitchen / Mess smoothly shall be kept. One camp boss on 24 Hrs. basis will be responsible for smooth running of the camp/mess. Kitchen and cooking shall be supervised by a qualified chef.</p> <p>h) Bidder shall deploy other personnel at rig site, which shall include drivers, Rig fitters, carpenters, warehouse personnel, security men, (both at well site and camp site), power casing tong operator, services of unskilled labour as and when required for following multiple jobs.</p> <ul style="list-style-type: none"> i) Engineering helper (Additional) ii) Electrical helper iii) Persons on rack during casing job. <p>The entire skilled / semi-skilled workman involved in carrying out electrical jobs shall have valid electrical wireman permit issued by state licensing board.</p> <p>i) Bidder shall furnish bio-data of personnel and their photographs along with the bid with all supporting documents, certificates etc.</p>	
<p>j) Employment of personnel other than indicated persons shall be at the discretion of the Bidder in line with normal drilling practices. Bidders shall forward a complete list of all the persons with their job descriptions that they shall deploy to run all operations at well site and camp successfully.</p>	
<p>k) 21 days on/off duty pattern to be followed at site as per recent guideline of DGMS.</p> <p>l) The Bidder shall indicate their manpower category-wise clearly in their offer. The qualification/bio-data / experience / track record of the personnel proposed to be deployed shall have to be indicated clearly. Any additional manpower deployed by the Bidder shall be at the expense of the Bidder. The age of key personnel except Rig Manager/Rig Superintendent shall not be more than 60 (sixty) years. However, OIL deserves the right to accept the personnel of above 60 (Sixty) years with good health conditions.</p>	
<p>m) The Bidder shall be responsible for arranging relief of personnel during vacation, statutory off days, sickness etc. entirely at their cost. However, the relief personnel also must have the qualification/experience as indicated above and Bidder shall submit qualification/bio-data /photographs/experience / track record of the personnel. Moreover, the Bidder will have to obtain prior approval from Company for the relief</p>	

personnel of the Bidder.	
n) Company reserves the right to instruct for removal of any Bidder's personnel who in the opinion of Company is technically not competent or not rendering the services faithfully, or due to other reasons. However, replacement personnel also must have the qualification/experience as indicated above and Bidder shall submit qualification/bio-data/photographs/ experience / track record of the replacement personnel and Bidder will have to obtain prior approval from Company for their placement personnel. The replacement of such personnel will be fully at cost of the Bidder and the Bidder shall have to replace within Ten (10) days of such instruction.	
o) All charges for personnel are included in Day rates. No separate charges shall be payable for the personnel deployed.	
p) Bidder shall employ adequate number of authorized supervisors as per rule 110 of Indian Electricity rules, 1956 having relevant experience of minimum 5 years and possess appropriate license(s).	
P. SECURITY SERVICES	
Bidder shall be wholly responsible for complete Security of their personnel, their Rig packages, Base Camp, during ILM, operation, transit etc. and arrange suitable, complete and best Security services accordingly on round the clock basis for their personnel and equipment as well as the equipment & other materials of OIL & OIL's third party service providers at well sites throughout the tenure of the contract. All security related issues shall be dealt by the Bidder on their own including dealing with Government agencies. Company will provide suitable fencing with security gate at all the well site and well site camp.. However, the security fencing at base camp will be Bidder's responsibility. Company in no case will be involved in security related issues, relating to Bidder's personnel and material. Bidder shall also be responsible for the safety and security of Company's or Company's third party personnel/ equipment/tools/materials etc. in the well site and camp site and shall provide best security services to them during the tenure of the contract.	

(END OF SECTION – IV)
PART- 3

PART- 4**PROFORMA -A****FORM OF BID SECURITY (BANK GUARANTEE)**

WHEREAS, (Name of Bidder) (hereinafter called “the bidder”) has submitted his bid dated (Date)for the provision of certain oilfield services (hereinafter called “the bid”). KNOW ALL MEN by these presents that we (Name of Bank) of (Name of country) having our registered office at (hereinafter called “the Bank”) are bound unto Oil India Limited (herein after called “Company” in the sum of (.....) * for which payment well and truly to be made to Company, the bank binds itself, its successors and assignees by these presents. SEALED with the common seal of the said Bank this Day of , 2015 .

THE CONDITIONS of this obligation are:

1. If the bidder withdraws his bid during the period of bid validity specified in the Form of Bid;
Or
2. If the bidder, having been notified of the acceptance of his bid by the Company during the period of bid validity:
 - fails or refuses to execute the Form of Agreement in accordance with the Instructions to bidders, if required; or
 - fails or refuses to furnish the Performance Security in accordance with the Instructions to bidders;
3. If the bidder furnishes fraudulent documents in his bid

We undertake to pay to Company up to the above amount upon receipt of its first written demand, without Company having to substantiate its demand, provided that in its demand Company will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions specifying the occurred condition or conditions.

This guarantee will remain in force up to and including the date (**) and any demand in respect thereof should reach the bank not later than the above date.

DATE: SIGNATURE OF THE BANK:
.....

WITNESS: SEAL:
.....

(Signature, Name and Address)

-
- The bidder should insert the amount of the guarantee in words and figures denominated in the currency of the Company’s country or an equivalent amount in a freely convertible currency.
 - The Date of Expiry of Bank Guarantee should be 150 days after the closing date for submission of bids as stated in the tender document.

PROFORMA -B**FORM OF PERFORMANCE BANK GUARANTEE (UNCONDITIONAL)***

To: (Name of Company)
 (Address of Company)
 WHEREAS (Name and address of Contractor) (hereinafter called "Contractor") had undertaken, in pursuance of Contract No..... dated to execute (Name of Contract and brief description of the work) (hereinafter called "the Contract"), AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a bank guarantee by a recognised bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee, now THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of (Amount of Guarantee)** (in words) such sum being payable in the type and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of the guarantee sum as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modifications of the terms of the Contract or of the work to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee is valid until the date (.....)** Six months after Contract Completion.

SIGNATURE & SEAL OF THE CONTRACTOR :.....

Name of Bank

:.....

Address

:.....

:.....

:.....

:.....

Date

:.....

* Bidders are NOT required to complete this form while submitting the bid.

**An amount is to be inserted by the guarantor, representing the percentage of the Contract price specified in the Contract, and denominated either in the currency of the Contract or in a freely convertible currency acceptable to the Company as per para 31.0 under Section-II, Part-1.

PROFORMA -C**SAMPLE FORM OF AGREEMENT**

THIS AGREEMENT is made on the day of 2015... between (name of Company) of (Mailing address of Company), hereinafter called “the Company”, of the one part and (Name of Contractor) (hereinafter called “the Contractor”) of the other part.

WHEREAS the Company is desirous that certain works should be executed viz. (brief description of works) and has by Letter of Acceptance (date of Letter of Acceptance) accepted a bid by the Contractor for the execution, completion and maintenance of such works, now THIS AGREEMENT WITNESS as follows:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:
This Form of agreement,
The Letter of Acceptance,
The Contractor’s Bid and enclosures,
The Technical Specifications,
The Priced bill of quantities,
The Drawings,
The Schedule of Supplementary Information,
The special Conditions of Contract and
The General conditions of Contract
3. The aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies they shall take precedence in the order set out above.
4. In consideration of the payment to be made by the Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Company to execute, complete and maintain the works in conformity in all respects with the provisions of the Contract.
5. The Company hereby covenants to pay the Contractor in consideration of the execution, completion and maintenance of the works the Contract price at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year first written above.

SIGNED, SEALED AND DELIVERED

By the said

Name _____

By the said

Name _____

On behalf of the Contractor
in the presence of:

On behalf of the Contractor
in the presence of:

Name _____

Address _____

Name _____

Address _____

* Bidders are NOT required to complete this form.

Proforma-D

AUTHORISATION FOR ATTENDING BID OPENING

Date: _____

TO

CHIEF MANAGER (M&C)

Materials & Contracts Department
Oil India Ltd., Rajasthan Project
Jodhpur-342005
Rajasthan, India

Sir,

Sub: OIL's e-Tender No. CJG-8044-L16

We hereby authorise Mr. /Ms. _____ (Name and address) to be present at the time of Pre-Bid Meeting / Un-priced Bid Opening / Price Bid Opening and for any subsequent correspondence / communication of the above Tender due on _____ on our behalf.

Yours Faithfully,

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

Note: This letter of authority shall be on printed letter head of the Bidder and shall be signed by a person who signs the bid.

PROFORMA - E

**LIST OF ITEMS (EQUIPMENT, TOOLS, ACCESSORIES, SPARES &
CONSUMABLE)
TO BE IMPORTED IN CONNECTION WITH EXECUTION OF THE CONTRACT
SHOWING CIF VALUE.**

Sl No	Item Description	Qty /Unit	Rate	Total	Freight & Insurance	CIF Value	Port & other charge	Landed Cost	Is it re- export- table? YES or PARTLY	Year of Mfg.	HSN Code
A	B	C	D	$E = C \times D$	F	$G = F + E$	H	$I = G + H$	J	K	L

(1) The items which are not of consumable in nature and required to be re-exported outside India after completion of the Contract should be indicated as "YES" in column "J".

(2) The items which are of consumable in nature should be indicated as "PARTLY" in column "J".

(3) For estimation of applicable customs duty, the bidders are required to indicate customs tariff code (i.e. HSN Code) of each item in column "L".

Authorised Person's Signature: _____

Name: _____

Seal of the Bidder:

Attachment – I

**FORMAT OF AGREEMENT BETWEEN BIDDER AND THEIR PARENT COMPANY /
100% SUBSIDIARY COMPANY (As the case may be)
 (TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)**

This agreement made this ____ day of ____ month ____ year by and between M/s. _____ (Fill in the Bidder's full name, constitution and registered office address) hereinafter referred to as bidder on the first part and M/s. _____ (Fill in full name, constitution and registered office address of Parent Company/Subsidiary Company, as the case may be) hereinafter referred to as "Parent Company/Subsidiary Company (Delete whichever not applicable)" of the other part:

WHEREAS

M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their tender No. _____ for _____ and

M/s. _____ (Bidder) intends to bid against the said tender and desires to have technical support of M/s. _____ [Parent Company/Subsidiary Company (Delete whichever not applicable)] and whereas Parent Company/Subsidiary Company (Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the services as required by the bidder for successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed to by and between the parties as follows:

1. M/s. _____ (Bidder) will submit an offer to OIL for the full scope of work as envisaged in the tender document as a main bidder and liaise with OIL directly for any clarifications etc. in this context.
2. M/s. _____ (Parent Company/Subsidiary Company (Delete whichever not applicable)) undertakes to provide technical support and expertise, expert manpower and procurement assistance and project management to support the bidder to discharge its obligations as per the Scope of work of the tender / Contract for which offer has been made by the Parent Company/Subsidiary Company (Delete whichever not applicable) and accepted by the bidder.
3. This agreement will remain valid till validity of bidder's offer to OIL including extension if any and till satisfactory performance of the contract in the event the contract is awarded by OIL to the bidder
4. It is further agreed that for the performance of work during contract period bidder and Parent Company/Subsidiary Company (Delete whichever not applicable) shall be jointly and severally responsible to OIL for satisfactory execution of the contract.
5. However, the bidder shall have the overall responsibility of satisfactory execution of the contract awarded by OIL.

In witness whereof the parties hereto have executed this agreement on the date mentioned above.

For and on behalf of (Bidder)

For and on behalf of
(Parent Company/Subsidiary Company
(Delete whichever not applicable)

M/s.

M/s.

Witness:

Witness:

1)

1)

2)

2)

Attachment – II**PARENT COMPANY/ SUBSIDIARY COMPANY GUARANTEE (Delete whichever not applicable)**

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at í í í .. this í í .. day of í í í by M/s í í í í í í í í í í (Mention complete name) a company duly organized and existing under the laws of í í í í í í í . (Insert jurisdiction/country), having its Registered Office at í í í í í í í í í í í í í hereinafter called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS

M/s Oil India Limited, a company duly registered under the Companies Act 1956, having its Registered Office at Duliajan in the State of Assam, India, and having an office, amongst others, at Kakinada, Andhra Pradesh, and Jodhpur, Rajasthan, India hereinafter called "OIL" which expression shall unless excluded by or repugnant to the context thereof, be deemed to include its successor and assigns, invited tender number í í í í í í í for í í .. on í í í í ..

M/s í í í í í í í .. (Mention complete name), a company duly organized and existing under the laws of í í í í í . (Insert jurisdiction/country), having its Registered Office at í í í í í í í í .. (give complete address) hereinafter called "the Company" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successor and permitted assigns, have, in response to the above mentioned tender invited by OIL, submitted their bid number í í í í í í í to OIL with one of the condition that the Company shall arrange a guarantee from its parent company guaranteeing due and satisfactory performance of the work covered under the said tender including any change therein as may be deemed appropriate by OIL at any stage.

The Guarantor represents that they have gone through and understood the requirement of the above said tender and are capable of and committed to provide technical and such other supports as may be required by the Company for successful execution of the same.

The Company and the Guarantor have entered into an agreement dated í í .. as per which the Guarantor shall be providing technical and such other supports as may be necessary for performance of the work relating to the said tender.

Accordingly, at the request of the Company and in consideration of and as a requirement for OIL to enter into agreement(s) with the Company, the Guarantor hereby agrees to give this guarantee and undertakes as follows:

1. The Guarantor (Parent Company / **100% Subsidiary Company (Delete whichever not applicable)**) unconditionally agrees that in case of non-performance by the Company of any of its obligations in any respect, the Guarantor shall, immediately on receipt of notice of demand by OIL, take up the job without any demur or objection, in continuation and without loss of

time and without any cost to OIL and duly perform the obligations of the Company to the satisfaction of OIL.

2. The Guarantor agrees that the Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Company.
3. The Guarantor shall be jointly with the Company as also severally responsible for satisfactory performance of the contract entered between the Company and OIL.

The liability of the Guarantor, under the Guarantee, is limited to the 50% of the annualized contract price entered between the Company and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Company.

4. The Guarantor represents that this Guarantee has been issued after due observance of the appropriate laws in force in India. The Guarantor hereby undertakes that the Guarantor shall obtain and maintain in full force and effect all the governmental and other approvals and consents that are necessary and do all other acts and things necessary or desirable in connection therewith or for the due performance of the Guarantor's obligations hereunder.
5. The Guarantor also agrees that this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of India, India.
6. The Guarantor hereby declares and represents that this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.
7. The Guarantor represents and confirms that the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

For & on behalf of (Parent Company/Subsidiary Company (Delete whichever not applicable))

M/s _____

Witness:

1. Signature _____
Full Name _____
Address _____

Signature _____
Name _____
Designation _____

Common seal of the Company _____

Witness:

2. Signature _____
Full Name _____
Address _____

INSTRUCTIONS FOR FURNISHING PARENT/SUBSIDIARY COMPANY GUARANTEE

1. Guarantee shall be executed on stamp paper of requisite value and notarized.
2. The official(s) executing the guarantee shall affix full signature (s) on each page.
3. Resolution passed by Board of Directors of the guarantor company authorizing the signatory (ies) to execute the guarantee, duly certified by the Company Secretary shall be furnished along with the Guarantee.
4. Following certificate issued by Company Secretary of the guarantor company shall also be enclosed along with the Guarantee.

öObligation contained in the deed of guarantee No._____ furnished against tender No. _____ are enforceable against the guarantor company and the same do not, in any way, contravene any law of the country of which the guarantor company is the subjectö

Attachment – III

FORMAT OF AGREEMENT BETWEEN BIDDER THEIR SISTER SUBSIDIARY/CO-SUBSIDIARY COMPANY AND THE ULTIMATE PARENT/HOLDING COMPANY OF BOTH THE BIDDER AND THE SISTER SUBSIDIARY/CO-SUBSIDIARY (Strike out whichever is not applicable between Ultimate Parent and Holding Company. Similarly strike out whichever is not applicable between Sister Subsidiary and Co-subsidiary Company)

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

This agreement made this ____ day of ____ month ____ year by and between M/s. _____ (Fill in Bidder's full name, constitution and registered office address) hereinafter referred to as "Bidder" of the first part and

M/s. _____ (Fill in full name, constitution and registered office address of Sister Subsidiary/Co-subsidiary Company of the Bidder) herein after referred to as "Sister Subsidiary/Co-subsidiary" of the second part and

M/s. _____ (Fill in the full name, constitution and registered office address of the Ultimate Parent/Holding Company of both the subsidiaries) hereinafter referred to as "Ultimate Parent/ Holding Company" of the third part.

WHEREAS

M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their tender No. _____ for _____ and

M/s. _____ (Bidder) intends to bid against the said tender and desires to have a technical support of M/s. _____ (Sister Subsidiary/Co-subsidiary Company) and

Sister Subsidiary/Co-subsidiary Company represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the services as required by the bidder for successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed to by and between all the three parties as follows:

1. M/s. _____ (Bidder) will submit an offer to OIL for the full scope of work as envisaged in the tender document.
2. M/s. _____ (Sister Subsidiary/Co-subsidiary Company) undertakes to provide technical support and expertise and expert manpower, material, if any, to support the bidder to discharge its obligations as per the Scope of work of the tender / Contract for which offer has been made by the bidder.
3. This agreement will remain valid till validity of bidder's offer to OIL including extension if any and also till satisfactory performance of the contract in the event the bid is accepted and contract is awarded by OIL to the bidder.
4. Sister Subsidiary/ Co-subsidiary Company unconditionally agrees that in case of award of contract to the Bidder, if the Bidder is unable to execute the contract, they shall, immediately on receipt of notice by OIL, take up the job without any demur or objection, in continuation without

loss of time and without any extra cost to OIL and duly perform the obligations of the Bidder/Contractor to the satisfaction of OIL.

5. The Ultimate Parent/Holding Company also confirms and undertakes that the commitment made by the Sister Subsidiary/ Co-subsidiary company in providing the technical support and technical expertise and expert manpower to support the bidder for execution of the contract are honoured.
6. The Ultimate Parent/Holding Company also takes full responsibility in getting the contract executed through the Sister subsidiary/ Co-subsidiary company in case the Bidder/Contractor is unable to execute the contract.
7. In witness whereof the parties hereto have executed this agreement on the date mentioned above.

For and on behalf of
(Bidder)

M/s.
Witness

1)
2)

For and on behalf of
(Sister Subsidiary /
Co-subsidiary)

M/s.
Witness

1)
2)

For and on behalf of
(Ultimate Parent / Holding
Company)

M/s.
Witness

1)
2)

Note: In case of contracts involving - (a) manufacture/supply (b) installation and commissioning (c) servicing and maintenance of any equipment, as the bidding company can draw on the experience of their multiple subsidiary sister/Co-subsidiary company (ies) specializing in each sphere of activity, i.e. (a) manufacture/supply (b) installation and commissioning (c) servicing and maintenance, therefore, in that case, the above format shall be signed by all the sister/Co-subsidiary company(ies) and necessary modifications may be made in the above format to include all sister subsidiaries.
