Report ID: GEM/GARPTS/08122021/1C73NKNPE66U
Report Name: DRILLING RIG PACKAGE
Generated By: Debasis Mishra , OIL INDIA Limited , Ministry of Petroleum and Natural Gas

Generated On: 08/12/2021
Valid till: 07/01/2022

GeM Availability Report and Past Transaction Summary

GeM Availability Report and past transaction summary report is generated based on the specifications searched by the Buyer. The specification may be modified appropriately for searching relevant categories on GeM. Buyer may navigate to GeM category page by clicking on the category link to view category specifications and products/services available in the category.

Order Count and Order Value displayed is on a cumulative basis since GeM inception.

1. Search String: Charter hire of 1 (one) no. 1400 HP (Minimum) drilling rig package for drilling, completion, testing and abandonment of exploratory wells

Search type: Service

Search Result: Category not available on GeM for the text string searched by the buyer.

This is a one-time requirement hence new category creation is not proposed / or requirement is recurring but request for new category creation will be submitted separately post generation of GeMARPTS.

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

BAY EXPLORATION PROJECT
IDCO TOWERS (3RD FLOOR),
JANPATH, **BHUBANESWAR**
ODISHA-751022

EMAIL: **KGBASIN@OILINDIA.IN**

(FORWARDING LETTER)

NOTICE INVITING TENDERS

NATIONAL COMPETITIVE BIDDING

Sub: IFB No. CBI9040P22 for 'Charter hire of 1 (one) no. 1400 HP (Minimum) drilling rig package for drilling, completion, testing and abandonment of exploratory wells in ODISHA MAHANADI ONSHORE BLOCKS MN-ONHP-2018/1/2/3/4/5 for a period of 02 (two) years, extendable by another 1 (one) year'

Dear Sirs,

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. Oil India Limited (OIL)'s Project office located at Bhubaneswar is presently entrusted to coordinate activities related to exploration and production of oil and natural gas from the Mahanadi on land basins in India. The Project Office of OIL at Bhubaneswar is well connected by road, rail and air.

2.0 In connection with its operations in Odisha, OIL invites National Competitive Bids (NCB) from competent and experienced contractors through OIL's e-procurement site for **'Charter Hire of one (01) No. of 1400HP (Minimum) drilling rig package for drilling, completion, testing and abandonment of exploratory wells in ODISHA MAHANADI ONSHORE BLOCKS MN-ONHP-2018/1/2/3/4/5 for a period of 02 (two) years, extendable by another 1 (one) year'.** One complete set of Bid Document covering OIL's IFB for hiring of above services is uploaded in OIL's e-procurement portal. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through OIL's e-procurement portal. For your ready reference, few salient points of the IFB (covered in detail in the Bid Document) are highlighted below:

a)	IFB No. /E-Tender No.	:	**CBI9040P22**
b)	Type of Bidding	:	Online Indigenous e-Tender: Single Stage-Two Bid System
c)	Tender Fee	:	Not Applicable
d)	Bid Closing Date & Time	:	As mentioned in the E-procurement portal.
e)	Technical Bid Opening Date & Time	:	As mentioned in the E-procurement portal.
f)	Price Bid Opening Date & Time	:	Will be intimated only to the eligible/qualified Bidders nearer the time.
g)	Bid Submission Mode	:	Bids must be uploaded online in OIL's E-procurement portal
h)	Bid Opening Place	:	Office of **Chief General Manager (HSE & Admin)**, OIL INDIA LIMITED Bay Exploration Project IDCO Towers (3rd Floor) Janpath, Bhubaneswar-751022
i)	Bid Validity	:	120 (one hundred twenty) days from Bid Closing date
j)	Mobilization Time	:	120 days from the date of issue of Letter of Award (LOA) or Mobilization notice, whichever is later.
k)	Bid Security Amount	:	**Not Applicable**
l)	Bid Security Validity	:	**Not Applicable**
m)	Amount of Performance Security	:	**3% of annualized total contract value**
n)	Validity of Performance Security	:	Up to 3(three) months from date of completion of contract
o)	Location of job	:	Contract Areas in onshore part of Mahanadi Basin viz: Blocks MN-ONHP-2018/1, MN-ONHP-2018/2, MN-ONHP-2018/3, MN-ONHP-2018/4 & MN-ONHP-2018/5.
p)	Duration of the Contract	:	2 (Two) years from the date of commencement of contract with a provision for extension for a further period of maximum 1(one) year or part thereof at the same terms and conditions and mutually agreed rates but not higher than the original rate(s) of the contract.
q)	Quantum of Liquidated Damage for Default in Timely Mobilization	:	Refer **Clause No. 30.0** of Part-3, Section-I (General Conditions of Contract).
r)	Integrity Pact	:	Must be digitally signed & uploaded along with the Techno-commercial Bid.

s)	Bids to be addressed to	:	**Chief General Manager (HSE & Admin)**, OIL INDIA LIMITED Bay Exploration Project IDCO Towers (3rd Floor) Janpath, Bhubaneswar-751022

3.0 Integrity Pact: The Integrity Pact must be uploaded in OIL's E-procurement portal along with the Technical Bid digitally signed by the same signatory who signed the Bid i.e. who is duly authorized to sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid shall be rejected straightway. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who signs the Bid.

4.0 GUIDELINES FOR PARTICIPATING IN OIL'S E-PROCUREMENT:

4.1 To participate in OIL's E-procurement tender, bidders should have a legally valid digital certificate **of Class 3 with Organization's Name and Encryption certificate** as per Indian IT Act from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India (http://www.cca.gov.in). **Digital Signature Certificates having "Organization Name" field as "Personal" are not acceptable**. However, aforesaid Digital Signature Certificates having Bidder's Name in the "Organization Name" field are acceptable. **Only in case of sole proprietorship firms, Digital Signature Certificates issued in the name of the proprietor is also acceptable provided the bid is submitted in the capacity of a proprietorship firm.**

4.2 Digital Signature Certificate comes in a pair of Signing/verification and Encryption/decryption certificate. Bidder should have both the Signing/verification and Encryption/Decryption certificate for Signing and encryption, decryption purpose respectively. The driver needs to be installed once, without which the DSC will not be recognized. While participating on e-Tendering the DSC token should be connected to your system.

4.3 Encryption certificate is mandatorily required for submission of bid. In case bidder created response with one certificate (using encryption key) and bidder changes his Digital Signature Certificate then old certificate [Used for encryption] is required in order to decrypt his encrypted response for getting the EDIT mode of the response. Once decryption is done, bidder may use new DSC certificate for uploading and submission of their offer. It is the sole responsibility of the bidder to keep their DSC certificate properly. In case of loss of the certificate, OIL INDIA LTD. will not be responsible.

4.4 For participation, applicants already having User ID & Password for OIL's E-Procurement Portal need to register against the IFB. New vendors/existing vendors not having User ID & Password for OIL's E-Procurement Portal shall obtain User ID & password through online vendor registration system in E-Portal.

4.4.1 Bidders without having E-Tender Login ID and password should complete their online registration at least 07 (Seven) days prior to the scheduled Bid Closing Date and time of the tender. For online registration, bidder may visit OIL's E-Tender site - https://etender.srm.oilindia.in/irj/portal.

4.4.2 Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.

4.5 Parties, who do not have a User ID, can click on Guest login button in the e-Tender portal to view and download the tender. The detailed guidelines are given in User Manual available in OIL's E-Procurement site. For any clarification in this regard, bidders may contact E-Tender Support Cell at Duliajan at **erp_mm@oilindia.in**, Ph.: 0374- 2807171/7192.

4.6 The link for OIL's E-Procurement Portal is available on OIL's web site (www.oil-india.com).

5.0 IMPORTANT NOTES:

Bidders shall take note of the following important points while participating in OIL's e-procurement tender:

i) **BACKING OUT BY BIDDER:** In case any bidder withdraws their bid within the bid validity period, the party will be put on Holiday as per the Banning Policy (available in OIL's website) of Company.

ii) **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 bidder shall be dealt as per the Banning Policy (available in OIL's website) of Company.

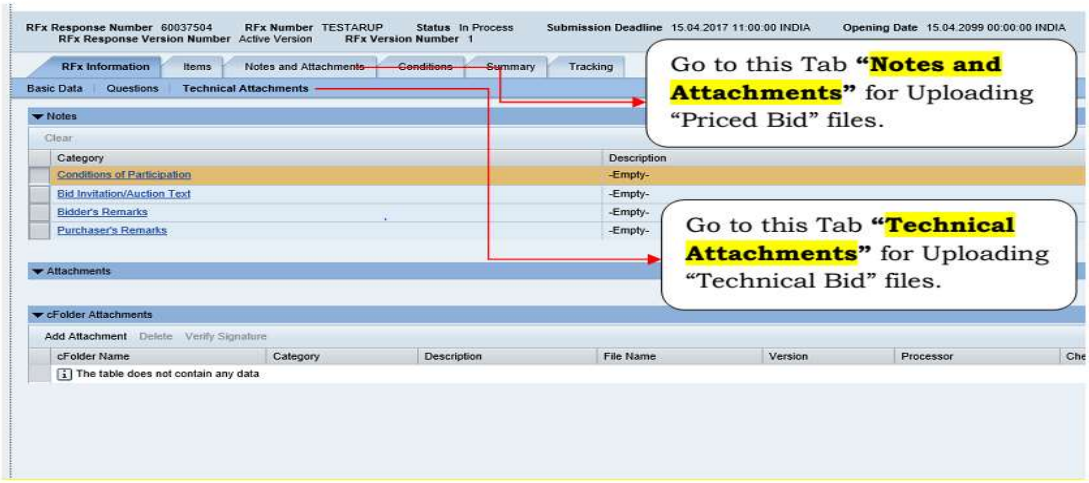
iii) **FURNISHING FRAUDULENT INFORMATION/DOCUMENT**: The information and documents furnished by the bidder/ contractor in respect of the subject tender/contract are accepted to be true and genuine. However, if it is detected during technical scrutiny or after award of the contract or after expiry of the contract, that the bidder had submitted any fake/fraudulent document or furnished false statement, the offer/contract shall be rejected/ cancelled, as the case may be and the bidder (if fake document/false statement pertains to such bidder) shall be dealt as per the Banning Policy (available in OIL's website) of Company. Undertaking of authenticity of information/documents submitted as per **Proforma-M** should be submitted along with the technical bids.

iv) **ERRING / DEFAULTING AGENCIES:** Erring and defaulting agencies like bidder, contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy dated 6th January, 2017 available in OIL's website: www.oil-india.com.

v) Bid should be submitted online in OIL's E-procurement site up to 01.00 PM (IST)(Server Time) on the date as mentioned and will be opened on the same day at 3.00 PM(IST) at the office of the CGM-HSE&A in presence of the authorized representatives of the bidders.

vi) If the digital signature used for signing is not of "Class-3" with Organizations name, the bid will be rejected.

vii) The tender is invited under **SINGLE STAGE-TWO BID SYSTEM**. The bidders shall submit both the "**TECHNICAL**" and "**PRICED**" bids through electronic form in the OIL's e-Procurement portal within the Bid Closing Date and Time stipulated in the e-Tender. The Technical Bid should be submitted as per Scope of Work & Technical Specifications along with all technical documents related to the tender and uploaded in **"Technical Attachments" Tab only**. **Bidders to note that no price details should be uploaded in "Technical Attachments" Tab Page. Details of prices as per Price Bid format/Priced bid can be uploaded under "Notes & Attachments" tab. A screen shot in this regard is shown below. Offer not complying with above submission procedure will be rejected as per Bid Evaluation Criteria.**



On "EDIT" Mode, Bidders are advised to upload "Technical Bid" and "Priced Bid" in the places as indicated above.

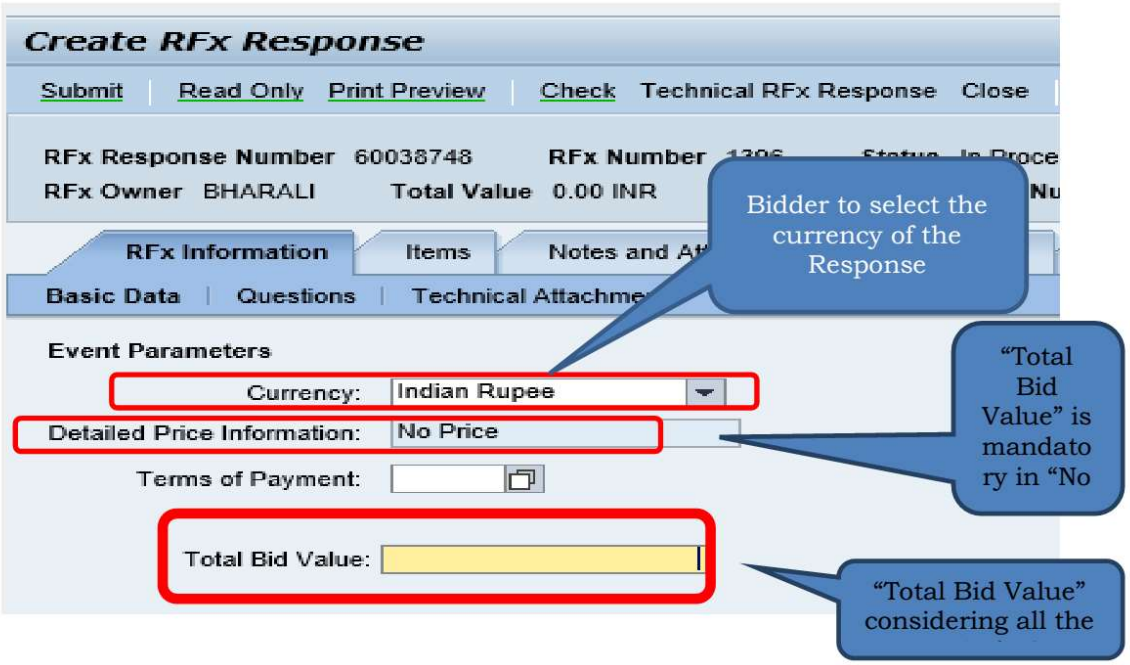
Notes:

* The "Technical Bid" shall contain all techno-commercial details **except the prices**.

** The "Priced bid" must contain the price schedule and the bidder's commercial terms and conditions, if any.For uploading Priced Bid, click on Add Atachment, a browser window will open, select the file from the PC and name the file under Description, Assigned to General Data and click on OK

to digitally sign and upload the File. Please click on Save Button of the Response to Save the uploaded files.

viii) Maintenance of Total bid value in the Response:For convenience of the Bidders and to improve transparency, the rates/costs quoted by bidders against the E-tender shall be available for online viewing to all the Techno-commercially qualified Bidders against the tender after price bids are opened in the system. For tenders where **Detailed Price Information under RFx Information Tab is "No price"**, the Price Bid is invited against the tender through attachment form under "Notes & Attachment". In such tenders, Bidders must upload their pricing as per the **"Price Bid Format – Proforma-B"** under **"Notes & Attachment"** and additionally fill up the **on-line field "Total Bid Value"** under **"RFx Information"** Tab Page with the Total Cost (Including the GST component) as per the amount of the Price Bid in attachment form.



The "Total Bid Value" as entered by the Bidder in the on-line response shall be displayed in the E-tender portal amongst the techno-commercially qualified bidders and Company will not take any responsibility whatsoever towards incorrect information furnished by the bidders on the "Total Bid Value" field.

It is to be noted that Amount mentioned in the "Total Bid Value" field will not be considered for bid evaluation and evaluation will be purely based on the Price bid submitted as per the "Price Bid Format: Proforma-B" under "Notes & Attachments" tab page.

6.0 **RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES LAND BORDER WITH INDIA**:

Subject to **Order No. F.No. 6/18/2019-PPD dated 23.07.2020** issued by Ministry of Finance, Department of Expenditure, Public Procurement Division, Govt. of India, Bidders should take note of the following:

6.1 Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority [Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT)].

6.2 "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

6.3 "Bidder from a country which shares a land border with India" for the purpose of this Order means:

a. An entity incorporated, established or registered in such a country; or
b. A subsidiary of an entity incorporated, established or registered in such a country; or
c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
d. An entity whose beneficial owner is situated in such a country; or
e. An Indian (or other) agent of such an entity; or
f. A natural person who is a citizen of such a country; or
g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

6.4 The beneficial owner for the purpose of para 7.3 above will be as under:

6.4.1 In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation:

a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;

b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

6.4.2 In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

6.4.3 In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

6.4.4 Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

6.4.5 In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

6.5 An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

6.6 The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. A declaration as per **Exhibit-I** in this respect to be submitted by the bidder.

6.7 **Validity of registration**: In respect of tenders, registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder was validly registered at the time of acceptance/placement of order, registration shall not be a relevant consideration during contract execution.

7.0 OIL now looks forward to your active participation in the IFB.

Thanking you,

Yours faithfully,
OIL INDIA LIMITED

(DEBASIS MISHRA)
MANAGER-C&P (BEP)

for **Chief General Manager (KGB&BEP)**

Date:08.12.2021

PART-1
INSTRUCTIONS TO BIDDERS (ITB)

1.0 Eligibility of the bidder:

1.1 The eligibility of the bidder are listed under BID EVALUATION CRITERIA (BEC), PART-2 of the Bid document.

1.2 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.

2.0 Bid Documents:

2.1 The services required, bidding procedures and contract terms are prescribed in the Bid Document. This Bid Document includes the following:

a) A Tender Forwarding Letter
b) Instructions to Bidders, (Part-1)
c) Bid Evaluation Criteria, (Part-2)
d) General Conditions of Contract, (Part-3, Section-I)
e) Terms of Reference/Technical Specification, (Part-3, Section-II)
f) Special Conditions of Contract, (Part-3, Section-III)
g) Schedule of Rates, (Part-3, Section-IV)
h) Estimated CIF value of items at the time of import, (Proforma-A)
i) Price Schedule Format, (Proforma-B, B1 and B2)
j) Bid Form, (Proforma-C)
k) Statement of Non-Compliance, (Proforma-D)
l) Bid Security Declaration (Proforma-E)
m) Performance Security Form, (Proforma-F)
n) Sample Agreement Form (Proforma-G)
o) Proforma of Letter of Authority (Proforma-H)
p) Authorisation for Attending Bid Opening (Proforma-I)
q) Financial Turnover, Networth & Working Capital Certificate (Proforma -J)
r) Safety Measures (Proforma – K)
s) Integrity Pact (Proforma-L)
t) Undertaking of authenticity of information/documents submitted (Proforma-M)
u) Certificate of Compliance of Financial Criteria (Proforma-N)
v) Undertaking by Vendor on submission of Performance Bank Guarantee (Proforma-O)
w) Undertaking by TPI (Proforma-P)
x) Other Annexures, Appendices, Exhibits & Checklists.

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

2.3 Bidders shall be deemed, prior to submitting their bids, to have satisfied themselves about the weather conditions, working culture in the area, socio-political environment, safety & security aspects, law & order situation and law of the land, 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.

3.0 Transferability of bid documents:

3.1 Bid Documents are non-transferable. Bid can be submitted only by the bidder in whose name the Bid Document has been issued/registered.

3.2 In case of e-Tender, Bidder must submit the bid using Organizational Class-3 Digital Signature issued by the Competent Authority in favour of the bidder. Bid submitted using Digital Signature other than the Digital Signature of the bidder shall be summarily rejected.

3.3 Unsolicited bids will not be considered and will be rejected straightway.

4.0 Amendment of bid documents:

4.1 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 Documents through issuance of an Addendum(s)/Corrigendum(s)/Amendment(s).

4.2 The Addendum will be uploaded in OIL's E-Tender Portal in the Tab "Technical Rfx" and under External Area - "Amendments" folder. The Company may, at its discretion, extend the deadline for bid submission. Bidders are expected to take the Addendum into account in preparation and submission of their bid. Bidders are to check from time to time the E-Tender portal ["Technical RFx" Tab and under the folder "Amendments"] for any amendments to the bid documents before submission of their bids. No separate intimation shall be sent to the Bidders.

5.0 Preparation of Bids

5.1 Language of Bids:

5.1.1 The bid prepared by the bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the OIL shall be written in English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in English, duly authenticated by local

chamber of Commerce of bidder's country, in which case, for purposes of interpretation of the bid, the translation shall prevail.

5.2 Bidder's/Agent's Name & address:

5.2.1 Bidders should indicate in their bids their detailed postal address including the Fax/Telephone / Cell Phone Nos. and E-mail address. Similar information should also be provided in respect of their authorised Agents in India, if any.

5.3 Documents comprising the bid:

5.3.1 Bids are invited under Single Stage Two Bid System. The bid to be uploaded by the Bidder in OIL's E-Tender portal shall comprise of the following components:

(A) Technical Bid (to be uploaded in "Technical Attachments" tab)

a) Complete technical details of the services offered.
b) Documentary evidence established in accordance with Clause 9.0.
c) Bid Security Declaration as per Proforma-E.
d) Copy of Bid-Form **without** indicating prices in Proforma-C.
e) Statement of Non-compliance as per Proforma–D.
f) Proforma-A: List of items to be imported **without** the CIF values.
g) Copy of Priced Bid **without** indicating prices (Proforma-B, B1 and B2).
h) Integrity Pact digitally signed by OIL's competent personnel as Proforma-L attached with the bid document to be digitally signed by the bidder's Authorised representative.
i) All Other relevant Undertakings and Proformas as applicable as part of Bid.

Note: Please note that, No price should be mentioned in the "Technical Attachments" tab.

(B) Price Bid (to be uploaded in "Notes and Attachments" tab)

Bidder shall quote their prices in the following Proforma available in OIL's E-procurement portal in the "Notes & Attachments" Tab:

a) Price-Bid Format as per Proforma-B, B1 and B2
b) Bid Form as per Proforma-C
c) Proforma-A showing the items to be imported with the CIF values

The Priced Bid shall contain the prices along with any other commercial information pertaining to the service offered.

6.0 Bid Form:

6.1 The bidder shall complete the Bid Form and the appropriate Price Schedule furnished in their Bid.

7.0 Bid Price:

7.1 Prices must be quoted by the Bidders online as per the price bid format available in OIL's E-Tender Portal under "Notes & Attachment" Tab. Prices must be quoted by the bidders as per the Price/Bidding format.

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.

7.3 All duties (except basic customs duty on imported items for whose exemption necessary recommendations letter to DGH shall be issued by the Company) and taxes (excluding GST) including Corporate Income Tax, Personal Tax, Entry Tax (if applicable) etc. and other Cess/levies payable by the successful bidder under the Contract for which this Bid Document is being issued, shall be included in the rates, prices and total Bid Price submitted by the bidder, and the evaluation and comparison of bids shall be made considering the quoted GST in the proforma. 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.

8.0 Currencies of bid and payment:

Bidders shall submit their bid only in **Indian Rupees** and they will be paid in Indian Rupees only.

9.0 Documents establishing bidder's eligibility and qualifications:

9.1 These are listed in BID EVALUATION CRITERIA (BEC), PART-2 of the Bid document.

10.0 Bid Security: Not Applicable**,** however bidders shall submit along with their bid a signed "Bid Security Declaration" (Proforma-E).

11.0 DELETED

12.0 PERIOD OF VALIDITY OF BIDS:

12.1 Bids shall remain valid as per the requirement mentioned in forwarding letter from the date of closing of bid prescribed by the Company. Bids of shorter validity will be rejected as being non-responsive. If nothing is mentioned by the bidder in their bid about the bid validity, it will be presumed that the bid is valid for 120 days from Bid Closing Date.

12.2 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 through Fax or e-mail. A Bidder may refuse the request. A Bidder granting the request will neither be required nor permitted to modify their Bid.

13.0 **Signing & submission of bids:**

13.1 Signing of bids:

13.1.1 Bids are to be submitted online through OIL's E-procurement portal with digital signature. The bid and all attached documents should be digitally signed by the bidder using "Class 3" digital certificates with Organization's Name [e-commerce application (Certificate with personal verification and Organisation Name)] as per Indian IT Act 2000 obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India before bid is uploaded. Digital Signature Certificates having Bidder's Name in the "Organization Name" field are only acceptable. Digital Signature Certificate having "Organization Name" field other than Bidder's Name shall be rejected summarily.

The bid including all uploaded documents shall be digitally signed by duly authorized representative of the bidder holding a Power of Attorney to bind the Bidder to the contract.

If any modifications are made to a document after attaching digital signature, the digital signature shall again be attached to such documents before uploading the same. The Power of Attorney in original shall be submitted by bidder as mentioned in Para 13.2 below.

In case the digital signature is not of "Class-3" with organization name, the bid will be rejected. Bidder is responsible for ensuring the validity of digital signature and its proper usage by their employees.

13.1.2 The original and all copies of the bid shall be typed or written in indelible inks. Since bids are to be submitted ONLINE with digital signature, manual signature is NOT relevant. The letter of authorisation (as per Proforma-H) shall be indicated by written Power of Attorney accompanying the Bid.

13.1.3 Any physical documents submitted by bidders shall contain no interlineations, white fluid erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such correction shall be initialed by the person or persons who has/have digitally signed the Bid.

13.1.4 Any Bid, which is incomplete, ambiguous, or not in compliance with the Bidding process shall be rejected.

13.2 Submission of bids:

The tender is processed under single stage - Two bid system. Bidder shall submit the Technical bid and Priced bid along with all the Annexures and Proforma (wherever applicable) and copies of documents in electronic form

through OIL's e-procurement portal within the Bid Closing Date & Time stipulated in the e-tender. For submission of Bids online at OIL's E-Tender Portal, detailed instructions is available in "User Manual" available in OIL's E-Tender Portal. Guidelines for bid submission are also provided in the "Forwarding Letter". The Technical Bid is to be submitted as per Terms of Reference/Technical Specifications of the bid document and Priced Bid as per the Price Schedule. The Technical Bid should be uploaded in the "Technical Attachment" Tab Page only. Prices to be quoted as per Proforma-B, B1 and B2 should be uploaded as Attachment just in the attachment link under "Notes & Attachments" Tab under General Data in the e-portal. No price should be given in the "Technical Attachment", otherwise bid shall be rejected. The priced bid should not be submitted in physical form and which shall not be considered. However, the following documents in one set should be submitted in physical form in sealed envelope superscribing the "IFB No., Brief Description of services and Bid Closing/Opening date & Time along with the bidder's name and should be submitted to Chief General Manager- HSE&A, Oil India Limited, IDCO Tower (3rd Floor), Janapath, Bhubaneswar, Odhisa – 751022 on or before 12.45 Hrs (IST) on the bid closing date indicated in the IFB:

a) Printed catalogue and literature if called for in the bid document.
b) Power of Attorney for signing of the bid digitally.
c) Any other document required to be submitted in original as per bid document requirement.

Documents sent through E-mail/Fax/Telephonic method will not be considered.

13.2.1 All the conditions of the contract to be made with the successful bidder are given in various Sections of the Bid Document. Bidders are requested to state their non-compliance to each clause as per Proforma-D of the bid document and the same should be uploaded along with the Technical Bid.

13.2.2 Timely delivery of the documents in physical form as stated in Para 13.2 above is the responsibility of the bidder. Bidders should send the same through Registered Post or by Courier Services or by hand delivery to the Officer in Charge of the particular tender before the Bid Closing Date and Time. Company shall not be responsible for any postal delay/transit loss.

13.2.3 Bids received through the e-procurement portal shall only be accepted. Bids received in any other form shall not be accepted.

14.0 DELETED

15.0 Deadline for submission of bids:

15.1 Bids should be submitted online as per the online tender submission deadline. Bidders will not be permitted by System to make any changes in their bid/quote after the bid submission deadline is reached. Bidders are requested to take note

of this and arrange to submit their bids within the submission deadline to avoid last minute rush/network problems.

15.2 No bid can be submitted after the submission dead line is reached. The system time displayed on the e-procurement web page shall decide the submission dead line.

15.3 The documents in physical form as stated in Para 13.2 must be received by Company at the address specified in the “Forwarding Letter” on or before 12.45 Hrs(IST) on the Bid Closing Date mentioned in the "Forwarding Letter". Timely delivery of the same at the address mentioned in the Forwarding Letter is the responsibility of the Bidders.

16.0 Late Bids:

16.1 Bidders are advised in their own interest to ensure that their bids are uploaded in system much before the closing date and time of the bid. The documents in physical form if received by the Company after the deadline for submission prescribed by the Company shall be rejected and shall be returned to the Bidders in unopened condition immediately.

17.0 Modification and withdrawal of bids

17.1 The Bidder after submission of Bid may modify or withdraw its Bid prior to Bid Closing Date & Time in the e-portal using Digital Signature by the person or persons who has/have digitally signed the Bid. Withdrawal or modification of bid through physical correspondence shall not be considered and accepted.

17.2 No Bid can be modified or withdrawn subsequent to the deadline for submission of Bids.

17.3 No Bid can be withdrawn in the interval between the deadline for submission of Bids and the expiry of the period of Bid Validity specified by the Bidder on the Bid Form. Withdrawal of a Bid during this interval shall result in debarment of bidder from participation in future tenders of OIL.

18.0 Extension of bid submission date

18.1 Normally no request for extension of Bid Closing Date & Time will be entertained. However, OIL at its discretion, may extend the Bid Closing Date and/or Time due to any reasons.

19.0 Bid opening and evaluation

19.1 Company will open the Technical Bids, including submission made pursuant to clause 15.0, in presence of Bidder's representatives who choose to attend at the date, time and place mentioned in the Forwarding Letter. However, an authorisation letter (as per Proforma-I) from the Bidder must be produced by the Bidder's representative at the time of Bid Opening. Unless this Letter is presented, the representative will not be allowed to attend the Bid Opening. The

Bidder's representatives who are allowed to attend the Bid Opening shall sign a register evidencing their attendance. Only one representative against each Bid will be allowed to attend. In technical bid opening, only "Technical Attachment" will be opened. Bidders therefore should ensure that technical bid is uploaded in the "Technical Attachment" Tab Page only in the E-portal.

19.2 In case of any unscheduled holiday or Bandh on the Bid Opening Date, the Bids will be opened on the next full working day. Accordingly, Bid Closing Date / time will get extended up to the next working day and time.

19.3 Bids which have been withdrawn pursuant to clause 17.0 shall not be opened. Company will examine bids to determine whether they are complete, whether requisite Bid Securities have been furnished, whether documents have been digitally signed and whether the bids are generally in order.

19.4 At bid opening, Company will announce the Bidder's names, written notifications of bid modifications or withdrawal, if any, and such other details as the Company may consider appropriate.

19.5 Normally no clarifications shall be sought from the Bidders. However, for assisting in the evaluation of the bids especially on the issues where the Bidder confirms compliance in the evaluation and contradiction exists on the same issues due to lack of required supporting documents in the Bid (i.e. document is deficient or missing), or due to some statement at other place of the Bid (i.e. reconfirmation of confirmation) or vice versa, clarifications may be sought by OIL. In all the above situations, the Bidder will not be allowed to change the basic structure of the Bid already submitted by them and no change in the price or substance of the Bid shall be sought, offered or permitted.

19.6 Prior to the detailed evaluation, Company will determine the substantial responsiveness of each bid to the requirement of the Bid Documents. For purpose of these paragraphs, a substantially responsive bid is one, which conforms to all the terms and conditions of the Bid Document without material deviations or reservation. A material deviation or reservation is one which affects in any substantial way the scope, quality, or performance of work, or which limits in any substantial way, in-consistent way with the Bid Documents, 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 evidence.

19.7 A Bid determined as not substantially responsive will be rejected by the Company and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

19.8 The Company may waive minor informality or nonconformity or irregularity in a Bid, which does not constitute a material deviation, provided such waiver, does not prejudice or affect the relative ranking of any Bidder.

20.0 Opening of priced bids

20.1 Company will open the Priced Bids of the techno-commercially qualified Bidders on a specific date in presence of representatives of the qualified bidders. The techno-commercially qualified Bidders will be intimated about the Priced Bid Opening Date & Time in advance. In case of any unscheduled holiday or Bandh on the Priced Bid Opening Date, the Bids will be opened on the next working day.

20.2 The Company will examine the Price quoted by 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.

20.3 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 there is a discrepancy between words, and figures, the amount in words will prevail. If any Bidder does not accept the correction of the errors, their Bid will be rejected.

21.0 DELETED

22.0 Evaluation and comparison of bids

The Company will evaluate and compare the bids as per BID EVALUATION CRITERIA (BEC), PART-2 of the Bid Documents.

22.1 Discounts / rebates

22.1.1 Unconditional discounts/rebates, if any, given in the bid will be considered for evaluation.

22.1.2 Post bid or conditional discounts/rebates offered by any bidder shall not be considered for evaluation of bids. However, if the lowest bidder happens to be the final acceptable bidder for award of contract, and if they have offered any discounts/rebates, the contract shall be awarded after taking into account such discounts/rebates.

23.0 Contacting the company

23.1 Except as otherwise provided in Clause 19.0 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 except as required by Company vide sub-clause 19.5.

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

24.0 Award of contract

24.1 **Award criteria**

24.1.1 The Company will award the Contract to the successful Bidder 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.

25.0 Company's right to accept or reject any bid

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

26.0 Notification of award

26.1 Prior to the expiry of the period of bid validity or extended validity, Company will notify the successful Bidder in writing by registered letter or by fax or E-mail (to be confirmed in writing by registered / couriered letter) that its Bid has been accepted.

26.2 The notification of award will constitute the formation of the Contract.

27.0 Performance security:

Successful bidder has to submit Performance Security amount as mentioned in GCC clause no. 10.0.

28.0 Signing of contract

28.1 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 agreements agreed between the two parties.

28.2 The successful Bidder shall sign and date the contract and return it to the Company after receipt of LOA. Till the contract is signed, the LOA issued to the successful bidder shall remain binding amongst the two parties.

28.3 In the event of failure on the part of the successful Bidder to sign the contract, OIL reserves the right to terminate the LOA issued to the successful Bidder and invoke 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.

(Signing of the Contract may be done at the place of award in presence of both parties)

29.0 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.

30.0 Mobilisation and advance payment

30.1 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.

30.2 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.

30.3 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.

31.0 Integrity pact:

31.1 OIL shall be entering into an Integrity Pact with the Bidders as per format enclosed vide Proforma-L of the Bid Document. The Integrity Pact has been duly signed digitally by OIL's competent signatory and uploaded in the OIL's e-portal. The Integrity Pact shall be returned by the bidder (along with the technical Bid) duly signed by the same signatory who signed the Bid i.e. who is duly authorized to sign the Bid. Uploading the Integrity Pact in the OIL's E-portal with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who has signed the bid. If any bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid shall be rejected straightway.

31.1.1 In case of a Joint venture, all the partners of the joint venture should sign the Integrity Pact.

31.2 Bidders may contact the Independent External Monitors for any matter relating to the IFB at the following addresses:

a. Shri Sutanu Behuria, IAS (Retd.); Ex-Secretary, Dept. of Heavy Industry, Ministry of Heavy Industries & Public Enterprises,
E-mail: sutanu2911@gmaiI.com

b. Shri Rudhra Gangadharan, IAS(Retd.), Ex-Secretary, Ministry of Agriculture; E-Mail: rudhra.gangadharan@gmail.com

c. Shri Om Prakash Singh, IPS (Retd.), Former DGP, Uttar Pradesh, E-mail: Ops2020@rediffmail.com

31.3 In the event of any dispute between the management and the contractor relating to those contracts where Integrity Pact is applicable, in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organizations may adopt any mediation rules for this purpose. In case, the dispute remains unresolved even after mediation by the panel of IEMs, the organization may take further action as per the terms and conditions of the contract. The fees/expenses on dispute resolution shall be equally shared by both the parties.

32.0 Local conditions:

It is imperative for each Bidder to be fully informed 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 Bidding Document. The bidders shall be deemed, prior to submitting their bids to have satisfied themselves of all the aspects covering the nature of the work as stipulated in the Bidding Document 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 knowledg**e** and its effect on the cost of execution of the Contract.

33.0 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.

(END OF PART-1)

PART-2

BID EVALUATION CRITERIA(BEC)

I) GENERAL CONFORMITY: The bid shall conform generally to the specifications and terms & conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to the 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 EVALUATION CRITERIA:

The bidder must meet the following criteria:

1.0 Bidder must be incorporated in India and must have more than 20% local content for the offered services.

Regarding calculation of local content and submission of documents during bidding & execution of contracts, provision of Purchase preference policy linked with Local Content (PP-LC) notified vide **Letter No. FP-20013/2/2017-FP-PNG dated 17th November, 2020** of MoPNG shall be applicable as per the Notification(s) and any amendment thereof.

If such local content is not maintained during execution of contract, OIL reserves the right to invoke the Performance Securities submitted by the bidding and supporting companies.

Note: A copy of Certificate of Incorporation must be provided along with the Bid. Also, bidder must mention the percentage of local content in their technical bid along with requisite certificates (self-declaration & certificate of statutory auditors / CA etc.) as per provisions of PPLC notified by MoPNG as mentioned above.

2.0 EXPERIENCE:

2.1 The Bidder must meet the following experience criteria in the last seven (07) years preceding the Original Bid Closing Date:

a) Minimum 01(one) year continuous experience of providing drilling services with minimum 1400 HP rig capacity on charter hire basis against a single Contract.

b) Drilling of at least 05 (five) Nos. oil/gas wells with drilling rig of minimum 1400 HP capacity out of which at least one well should be of depth range 3500 Mtrs minimum.

Note:

(i) Bidders must submit documentary evidence as:

Contract/Agreement copy along with satisfactory completion/performance report clearly mentioning Contract/Agreement No. and volume of job completed.

OR

Contract/Agreement copy with proof of settlement/release of final payment against the contract.

OR

Contract/Agreement copy with any other documentary evidence that can substantiate the satisfactory execution of the contract as mentioned in the above clause.

(ii) The Company reserves the right for physical inspection of the rig package at Contractor'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 below.

c) Bidder must have experience for operation and maintenance of Top Drive of the rig. If the bidder does not have the said experience, then they shall have to confirm that in the event of award of contract, maintenance support of the 'Top Drive' will be provided from the manufacturer of the 'Top Drive' throughout the contract period. A 'Memorandum of understanding (MOU)' between the manufacturer and the bidder shall have to be submitted along with the technical bid in support of the maintenance of their offered 'Top Drive' system.

2.2 **In case the Bidder is a Consortium of Companies (leader of the consortium should be incorporated in India and the Consortium shall maintain more than 20% local content as mentioned in clause 1.0 above), the following requirements must be satisfied by the Bidder:**

(a) The leader of the consortium has to satisfy the minimum experience requirement as per clause 2.1 above.

(b) The leader of the Consortium must submit bid on behalf of consortium of Bidders. Memorandum of Understanding (MOU) between the Consortium members duly executed

by the CEO/Authorized person and certified by the competent authority of the respective organization of the consortium members and notarized, must accompany the bid which should clearly define role/scope of work of each partner/member and should clearly define the leader of consortium. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for discharging all obligations under the Contract. However, the Leader of the Consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the "Scope of Work" of this bid document. In case of award, such MOU shall be kept valid through the entire contract period, including extensions, if any. The following provisions should also be incorporated in the MOU executed by the members of the Consortium.

(c) Only the Leader of the consortium should register in the e-tender portal and submit bid on behalf of the Consortium. The other members of the Consortium shall ratify all the acts and decisions of the Leader of Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract.

(d) The Performance Security shall be in the name of the Leader on behalf of the Consortium.

(e) The leader of the Consortium on behalf of the Consortium shall coordinate with OIL during the period the bid is under evaluation, as well as, during the execution of works, in the event contract is awarded and he shall also be responsible for resolving dispute/ misunderstanding/ undefined activities, if any, amongst all the Consortium members.

(f) Any correspondence exchanged with the leader of consortium shall be binding on all the consortium members.

(g) Payment shall be made by OIL only to the leader of the consortium towards fulfillment of contract obligations.

(h) In case of Consortium bids, the bid shall be digitally signed by the leader of Consortium. The Power of Attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the Bid offer.

(i) Documents/details pertaining to qualification of the bidder must be furnished by each partner/ member of consortium complete in all respects along with the bid clearly bringing up their experience especially in the form of work in their scope.

(j) **Constitution of Consortium:** If during evaluation of bid, a consortium leader proposes any alterations/changes in the constitution or replacement or inclusion or expulsion of any partner(s)/ member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to his knowledge at any time, the bid of such a consortium shall be liable for rejection. The members of the consortium should not be more than three.

(k) **Signing of Contract:** In the event of award of contract to the consortium, the contract to be signed by all the members of the consortium and the liability of each one of them shall be jointly and severely.

(l) Members of the consortium are not allowed to quote separately/independently against this tender. All the bids received in such case will be summarily rejected. Further, all bids from parties with technical support from the same Principal shall be rejected.

(m) Certified copies (attested by Director/Company Secretary) of Board resolutions passed by respective Board of Directors of the companies (Consortium leader and members) agreeing to entering into such consortium with each other for submission of bid for the NIT and authorizing designated executives of each company to sign in the MOU to be provided along with the technical bid.

(n) The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarized.

2.3 **Indian Company/Indian Joint Venture Company as bidder:** In case, the Bidder is an Indian Company/Indian joint venture Company, then the lead bidder should meet the experience criteria (a) to (c) of Clause No. 2.1 above. Also, the Indian Company/Indian Joint Venture Company who does not meet the minimum experience criteria as per clause 2.1 (a) to (c) above may also submit the bid on the strength of Technical Collaborator/Joint Venture Partner. However, the Indian company/Indian joint venture company must meet the financial criteria under Clause No. B.1.0 below. Additionally, all the joint venture members shall individually meet the financial criteria mentioned in Clause No. B.2.0 below.

(a) Indian bidders quoting based on technical collaboration/joint venture, shall submit a Memorandum of Understanding (MOU) with their technical collaborator/joint venture partner clearly indicating their roles and responsibilities under the scope of work, which shall also be addressed to OIL and remain valid and binding throughout the contract period, including extension if any.

(b) The Technical Collaborator/Joint Venture Partner at its own shall meet the experience criteria as in clause No. 2.1 (a) to (c) above. The experience of the Technical Collaborator/Joint Venture with other firm(s) will not be qualified.

(c) Any party, who is extending technical support by way of entering into technical collaboration with another party, shall not be allowed to submit an independent Bid against the tender and such bids shall be rejected straightway. Further, all bids from parties with technical collaboration support from the same Principal will be rejected.

NOTE: In case the contract is awarded based on the bid submitted as per Clause 2.3. & 2.3.(a) above, in order to meet the commitment from the Technical collaborator / Joint Venture partner - all key personnel including the rank of Driller and above shall be from the pay roll of the Technical collaborator / Joint Venture partner for the full duration of the project.

3.0 DRILLING RIG:

3.1 The bidder shall be in possession of the rig(s) offered either owned or leased. In case the bidder is not in possession of the rig(s) at the time of submission of bids, they may offer rig(s) for which they have an agreement for lease /purchase. However, brand new Rig which is proposed to be purchased but not readily available at the time of Bid closing date shall not be acceptable.

3.1.1 Identification of rig:

i) Bidders are required to identify the rig(s) at the time of submission of bids 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 (Sub Leased Rig will not be accepted)/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 Techno-commercial (un-priced) Bid, the Memorandum of Understanding/Agreement of lease/purchase document 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. The above MOU/Agreement must be valid at least through validity of the bid with a specific stipulation that in the event of an award of contract by Company against this tender, the MOU/Agreement shall be kept valid for the entire period of contract including any extension thereof.

iv) Bidder shall offer not more than two rigs against their quote for one rig. Bidder shall identify the rig 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 OIL. Offer beyond two rigs will not be considered for evaluation (Only 1st two options, option 1 and 2 will be considered for evaluation). Bidders will have to mobilize the rig out of these identified rigs, which are found acceptable to OIL.

v) Bidder would not be allowed to substitute the rig once offered by them in their bid. If more than one rig is offered by a bidder, only first two rigs (Option 1 & 2) would be techno-commercially evaluated. The bidder can mobilize rig that is found techno-commercially acceptable by OIL, 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 Rig but with the condition "subject to availability" may be considered for techno-commercial evaluation. The bidders, however, shall have to confirm the unconditional availability of their offered rig minimum **one day** prior to price bid opening. The date of price bid opening will be intimated to the bidder in due course. Bidders, who fail to confirm availability of Rig will not be considered for price bid opening and would not be considered for award of Contract also.

3.2 The individual horsepower rating of the rig(s) offered should be minimum 1400 HP. Further, the rig(s) offered should be Diesel Electric (AC-SCR or 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(s) is given in Part-3: Section-II in Bid Document. Spacing between wells at surface on cluster well plinth 18m (approx.). Bidders must confirm compliance of the same.

3.3 The Bidder should confirm that their offered rig(s) is/are installed with suitable top drive system.

3.4 **Vintage:** The offered Rig(s) should not be more than 15 years old as on the original bid closing date and for compliance of this clause, following major rig components/equipment shall be considered:

a. Mast and sub-structure including draw-works
b. Mud pumps
c. Rig engines
d. Power Control Room (PCR)

For Vintage calculation, the oldest item(s) among the above will be considered.

Bidders must submit the certificate of year of manufacture from the Rig manufacturer/OEM. Further, the offered rig should be in operation for minimum 03 months at a stretch in last 07 (Seven) years reckoned from the original Bid closing date, in case of already available rig. However, in case of rigs with less than 07 (Seven) years of vintage, this requirement will not be applicable. The bidder must submit an

Undertaking (in Bidder's Official Pad) and copy(s) of Contract Agreement(s) as documentary evidence towards compliance of the same.

3.5 Residual life: The offered drilling rig should have a minimum residual life of seven (7) years as on the original bid closing date. The bidder should submit a certificate in original from any one of the following inspection agency as per Rig Inspection Certificate (Appendix-1) along with techno-commercial (unpriced) bid:

(i) M/s Bureau Veritas

(ii) M/s Det Norske Veritas

(iii) M/s Lloyd's

(iv) M/s Oil Field Audit Services

(v) M/s ABS

Note: The certificate should clearly indicate and confirm without any ambiguity the following:

(a) Name and address of the owner of the rigs after due verification of documents.

(b) Confirmation that the rig package meets the technical specification as laid down at **Part-3: Section-II** of the Tender Document.

(c) Make, Model, Capacity/Rating, month & year of manufacture and residual life as inspected for each of the component as well as for the overall rigs.

3.6 The rig should be capable of drilling wells fulfilling "Scope of Work" and conforming to the technical specifications as laid down in the bid document.

3.7 The bidder shall submit the lay-out drawing of the offered rig(s) in the Technical bid along with the confirmation that foundation design and detailed working drawing and Load Bearing Diagram would be submitted within 15 days from the date of issue of Letter of Award.

3.8 **Mobilization Period:** The bidder must categorically confirm in the Technical Bid that in the event of award of contract, mobilization shall be completed within 120 days from the date of Mobilization Notice from OIL after issuance of Letter of Award (LOA).

3.9 Offers indicating mobilization time more than One Hundred Twenty (120) days from the date of issue of Mobilization Notice will be summarily rejected. Bidders are advised to indicate the best mobilization schedule in their bid.

3.10 Bidder must categorically confirm to provide complete rig package and carry out entire jobs as per Scope of Work, Terms of Reference and Technical Specifications elaborated in the Tender Document and will not sublet the main drilling services against the contract, if awarded, failing which the bid will be rejected.

3.11 The bidder must confirm to comply with the applicable & prevailing provisions of MoEF, DGMS, Mines Act 1952, Oil Mines Regulation 2017, OISD Guidelines and 10th conference recommendation of Safety in Mines.

3.12 Details of experience and past performance of the bidder and of their consortium partner, if any, on works/jobs done of similar nature are to be submitted along with the Techno-commercial (Un-priced) Bid, in support of experience laid down at para 2.1 above. Also, details of current work in hand and other contractual commitments of the bidder (indicating areas and clients) are to be submitted along with the Techno-commercial (Un-priced) Bid.

4.0 DRILLING CREW:

4.1 **Experience:** Key personnel must have requisite experience and qualifications as per "Scope of Work/Terms of Reference". The key personnel should have valid International Well Control Forum (IWCF) certification at appropriate level.

4.2 **Key personnel:** The bidders must submit an Undertaking confirming to provide the key personnel with requisite experience and qualification as specified in Clause 16 - HR SPECIFICATION [PERSONNEL TO BE DEPLOYED] under Part-3; Section-II, Terms of Reference/Scope of Work of Bid Document. Rig Manager/Rig Superintendent, Tool Pusher, Night Tour Pusher, Drillers and Assistant Drillers should possess valid International Well Control Forum (IWCF) certificates at appropriate levels and should be fluent in English.

4.3 **Resume/CV of Personnel:**

(a) Resume/CVs along with copies of certificates in regards to Education qualification, Work experience & IWCF etc. for the Rig Managers/ Rig Superintendents (at least 02 two nos.) should be furnished as per biodata format (Annexure III) along with un priced Techno-commercial bid.

Note: All submitted copies of certificates in regards to Education qualification, Work experience & IWCF etc. for Rig Managers/Rig Superintendents should be verified and

certified by independent third party inspection agencies as per clause under III - 9.0 of BEC.

(b) Resume/CVs of other key personnel to be involved in the services along with copies of certificates in regards to their Education qualification, work experience & IWCF etc. should be furnished as per bio-data format (Annexure III) at least two months prior to completion of mobilization. Bidder must confirm the same in un-priced Techno-commercial bid.

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 (i) in support of fulfilling all the requirements along with their un-priced techno-commercial Bids.

(i) **Rig offered:** Documents relating to rig package already in possession or proposed to own/lease along with the proof of vintage (i.e. copy of purchase order and B/L or invoice or any other documentary evidence that can substantiate the date of satisfactory execution of purchase order), description and complete technical specifications etc.

(ii) **Drilling experience of bidder:**

(a) Statement to be furnished by the bidder in a tabular form along with copies of contracts/work-orders along with completion certificates/payment certificates issued by the clients.

(b) End of well reports and/or Daily report or any other document(s) issued by the client(s) in confirmation of number of wells and well depth as per clause no. 2.1 (b) above.

(iii) **Financial Turnover of Bidder:** Copy of audited Balance Sheets/Profit and Loss Accounts etc. for the last thee (3) accounting years.

(iv) MOU or legally acceptable documents in support of consortium arrangements / technical collaboration/ joint venture arrangements, if any.

(v) **Residual life** of the rig(s) offered as per para 3.5 above.

(vi) Contractor's general structure and organization, including the branch/sub-division dedicated to specific activities related to the execution of the contract.

(vii) Details of bidder's Health, Safety and Environmental Management Policy Manual together with a copy of Safe Operating Practices (SOP) of all rig operations.

(viii) The bidder shall submit the layout drawings as specified under clause 3.7 above. Also to confirm the submission of foundation design and detailed working drawing & load bearing diagram as per clause no. 3.7 above.

Notes:

1. Bid without the above listed documents or information shall be rejected.

2. Oil India Limited (OIL) reserves the right to contact the Client(s) referred by the Bidder for authentication of the documents submitted by the Bidder. OIL may contact the clients/operators under intimation/copy to the respective Bidder. It will be the responsibility of the Bidder to take up the matter with his Client(s) and arrange for the confirmation as desired by OIL.

3. All Certificates and documentary evidences required to be submitted in support of Para A above and B below should be clearly legible and in the English language. If any certificate is submitted in a language other than English language, the same should be translated to English, duly authenticated by local chamber of Commerce of bidder's/Technical Collaborator's /Consortium partner's/ Joint Venture partner's country, in which case, for purposes of interpretation of the bid, the English translation shall prevail.

4. All the documents submitted towards compliance of BEC should be verified and certified by TPI as per Clause No. III – 11.0 below.

B. FINANCIAL

1.0 The bidder must have an annual financial turnover of minimum **INR 29.88 Cr** during any of the preceding 03 (Three) financial/accounting years reckoned from the original bid closing date.

1.1 In case of Consortium of companies, at least one of the member of the Consortium shall have an annual financial turnover as stated above under clause 1.0 in any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date. The other member(s) of the Consortium shall have an annual financial turnover of minimum 50% of the annual financial turnover as stated above under clause 1.0 in any of the preceding 03(three)

financial/accounting years reckoned from the original bid closing date.

2.0 The Net Worth of bidder must be positive for the accounting year preceding the original bid closing date.

[Net worth shall mean: "Share capital + Reserves created out of profits and securities Premium – Aggregate value of accumulated losses (excluding revaluation reserves) – deferred expenditure – Miscellaneous Expenditure to the extent not written off and carried forward Loss - Reserves created out of write back of depreciation and amalgamation".]

2.1 If the bid is from a Consortium of companies, then the net worth of all the consortium partners individually should be positive for the accounting year preceding the original bid closing date.

3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date (If Central Board of Direct Taxes (CBDT) grants any extension, the same will be applicable) and the Financial Statements of the preceding financial/ accounting year are not available with the Bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial/ accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/Undertaking certifying that the balance sheet/Financial Statements for the financial year _____ (as the case may be) has actually not been audited as on the Original bid closing date.

Notes to Financial Evaluation Criteria:

(i) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-

(a) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in Proforma-J. Please note that mentioning of UDIN (Unique Document Identification Number) is mandatory for all Certificates issued by Chartered Accountant w.e.f. 1st February, 2019.

OR

(b) Audited Balance Sheet along with Profit & Loss account.

(ii) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central

Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

(iii) In case the Audited Balance sheet and Profit Loss Account submitted along with the bid are in currencies other than INR, the bidder shall have to convert the figures in equivalent INR considering the prevailing conversion rate on the date on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA Certificate is to be submitted by the bidder regarding converted figures in equivalent INR. Else, the Audited Balance Sheet and Profit & Loss Account shall be evaluated by considering the BC selling rate declared by State Bank of India (on the date on which the Audited Balance Sheet and Profit & Loss Account is signed) for conversion to INR.

C. COMMERCIAL

1.1 Bids shall be submitted under single stage two Bid system i.e. Technical Bid and Priced Bid separately in the OIL's e-Tender portal. The Technical Bid is to be uploaded as per Scope of Work & Technical Specification of the tender in "Technical RFx Response" Tab and Priced Bid as per **Proforma-B, B1 and B2** uploaded in the "Notes & Attachments" Tab. Bids shall be rejected outright if the prices are indicated in the technical bids. Bids not conforming to this two bid system shall be rejected outright.

1.2 Bidder shall offer firm prices. Price quoted by the successful bidder must remain firm during the execution of the Contract and not subject to variation on any account.

1.3 Bids with shorter validity (i.e., less than 120 days from the scheduled bid closing date) will be rejected as being non-responsive.

1.4 Bid Security is not applicable against this tender. However, bidders shall submit along with their bid a signed **"Bid Security Declaration" (Proforma-E)** accepting that, if they withdraw or modify their bids during the period of validity; or if they are awarded the contract and they fail to sign the contract; or to submit a performance security before the deadline defined in the NIT, they will be suspended for a period of two years. This suspension of two year shall be automatic without conducting any enquiry.

1.5 The Integrity Pact must be uploaded in OIL's E-Procurement portal along with the Technical Bid digitally signed by the same signatory who digitally signed the Bid i.e. who is duly authorized to sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid will be rejected.

1.6 Bids submitted after the Bid Closing Date and Time will be rejected.

1.7 Bids received through the e-procurement portal shall only be accepted. Bids received in any other form shall not be accepted.

1.8 Bid documents are non-transferable. Bid can only be submitted in the name of the bidder in whose name the User ID and Password have been issued. Unsolicited bids will not be considered and will be straightway rejected.

1.9 Bids shall be typed or written in indelible ink and shall be digitally signed by the bidder or his authorized representative.

1.10 Any physical documents wherever called for, submitted by bidders shall contain no interlineations, white fluid erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such correction shall be initialed by the person or persons who has/have digitally signed the Bid.

1.11 Any Bid containing false statement will be rejected.

1.12 Bidders shall quote directly and not through their Agent/ Representative / Retainer / Associate in India.

1.13 Bidders must quote clearly and strictly in accordance with the price schedule outlined in "Price Bid Format" of Bid Document; otherwise the Bid will be summarily rejected.

1.14 Bidder must accept and comply with the following clauses as given in the Bid Document in toto failing which bid will be rejected.

(i) Bid Security Clause
(ii) Performance Guarantee Clause
(iii) Force Majeure Clause
(iv) Tax Liabilities Clause
(v) Arbitration Clause
(vi) Acceptance of Jurisdiction and Applicable Law
(vii) Liquidated damage and penalty clause
(viii) Safety & Labour Law
(ix) Termination Clause
(x) Integrity Pact

1.15 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[except copies of the documents required in physical form] should invariably be submitted in the 'Technical Attachment Tab' through OIL's e-bidding portal, before the scheduled date and time for the tender closing. **All the documents uploaded shall be digitally signed by the authorized signatory of the bidder**.

D. GENERAL

1 In case bidder takes exception to any clause of Bid Document not covered under BEC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by Company. The loading so done by the Company will be final and binding on the bidders.

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

3. If any of the clauses in the BEC contradict with other clauses of the Bid Document elsewhere, then the clauses in the BEC shall prevail.

4. **SUBMISSION OF FORGED DOCUMENTS:** Bidders should note that Company (OIL) may verify authenticity of all the documents /certificates / information submitted by the bidder(s) against the tender. In case at any stage of tendering process or Contract execution etc., if it is established that bidder has submitted forged documents / certificates / information towards fulfilment of any of the tender / contract conditions, Company shall immediately reject the bid of such bidder(s) or cancel / terminate the contract besides taking action as per OIL's Banning Policy dated 6th January 2017, available in the OIL's website. Accordingly, service provider/vendor to submit the Undertaking of authenticity of information/documents submitted as per **Proforma-M**.

5.0 **CUSTOMS DUTY:**

In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty @5% (Basic Customs Duty Nil & IGST @5%) subject to conditions specified therein (Condition No. 48). However, this is subject to change as per Government guidelines and the provisions ruling at the time of tender closing will be applicable. Similarly,

the domestic supply of such goods would attract 5% GST (i.e. IGST or CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.

Note: The Bidder has to re-export the rigs after completion of the contract in case of imported rigs. The bidder will be fully responsible to pay the customs duty in case the rigs are taken by the Contractor to area where customs duty benefit is not applicable. This is applicable in case OIL issues recommendatory letter for availing concessional customs duty for import of goods.

II) PRICE EVALUATION CRITERIA

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Evaluation Criteria mentioned above will be considered for further evaluation as per the Price Evaluation Criteria given below:

1.0 Bidder shall quote same rates for all the Rigs quoted by them. Bidders quoting different rates (either total or individual item rate) would be rejected.

2.0 The bidders must quote their charges/rates in the manner as called for vide "Schedule of Rates" under Part – 3, Section-IV and the summarized price schedule format vide enclosed Proforma–B, B1 and B2. **Priced Bids shall be evaluated taking into account the Price quoted as per Proforma-B including quoted GST.** Quoted price must include all liabilities and taxes including statutory liabilities but excluding GST, which shall be quoted separately in the Price Bid format.

3.0 In the event of computational error between unit price and total price, the quoted unit price shall prevail. Similarly, in the event of discrepancy between rates quoted in words and figures, the unit rates quoted in words will prevail.

4.0 **The quantities shown against each item in the "Price Bid Format i.e. in Proforma-B" 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/parameters, as the case may be.

5.0 The rates towards Standby, Repair, Stacking of Rig Package and Force Majeure will be restricted to the limit indicated against each as under:

(a) Quoted Standby Day Rate shall not exceed 90% of the Operating Day Rate.

(b) Quoted Repair Day Rate shall not exceed 50% of the Operating Day Rate.

(c) Quoted Force Majeure Day Rate shall not exceed 50% of Operating Day Rate.

(d) Quoted Stack Day Rate shall not exceed 50% of the Operating Day Rate.

Note: Bidders offering to bring the Rig in to India on re-exportable basis for execution of this contract shall have to re-export the Rig Package after completion of the assignment. The Bidder will be fully responsible to pay the customs duty in case the Rig is taken by them to area where customs duty is applicable on merit. This is applicable in case Oil India Limited Issues Recommendatory Letter for availing NIL rate of Customs Duty for import of goods.

6.0 Mobilization and Demobilization Charges:

(a) **Mobilization Charge:** Bidders shall quote lump-sum mobilization charge (excluding GST) of Drilling Rig package from different places not exceeding 7.5% of the total quoted value (excluding GST).

(b) **Demobilization Charge:** Bidders shall quote lump-sum de-mobilization charge (excluding GST) of Drilling Rig package to different places not less than 2% of the total quoted value (excluding GST).

Note: -

(i) Lump-sum mobilization & de-mobilization charge includes the complete Rig Package required for services as per 'Scope of Work'.

(ii) Lump-sum mobilization & demobilization charges exclude GST.

7.0 Price Bid will be evaluated as under taking into account the rates quoted by the bidders in PRICE BID FORMAT (PROFORMA-B) by taking into account summation of the following:

- Total Mobilization charges to ODISHA, Lump sum, One time only: TM = M
- Total Demobilization charge from ODISHA, Lump sum, One time only: TD = D
- Total Operating Day Rate charge: TOP = ODR x 530 days
- Total Stand by rate: TSDR = SDR X 100 days
- Total Repair Day Rate: TRDR = RDR X 30 Days
- Total ILM charge (Cluster location) Lump sum, TILM0 = ILM0 x 1
- Total ILM charges on Lump Sum Basis for within 50 Km: TILM1= ILM1 x 7
- Per Kilometrage charges for rig movement in excess of 50 Km: TK = K x 500
- Total Base camp shift charge: TBCM = BCM x 5

Total Inter Location Movement Charges: TILM=TILM0+TILM1+TK+TBCM

Total Charges for Food and Accommodation in excess of 25 Company's (Own + Hired) personnel TFAC

- Total Bed Tea / Coffee (with Biscuits) : TBT = BT X 800 NOS
- Total Break Fast : TBF= BF X 800 NOS
- Total Lunch : TL = L X 800 NOS
- Total Evening Tea with Snacks : TET = ET X 800 NOS
- Total Dinner : TD = D X 800 NOS
- Total Accommodation – Executive : TAE = AE X 400 NOS
- Total Accommodation – Non-Executive : TANE= ANE X 400 NOS

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

TOTAL ESTIMATED CONTRACT COST FOR THE RIG PACKAGE AND MANPOWER ETC FOR 02 (TWO) YEARS INCLUDING ALL TAXES & DUTIES INCLUDING GST AND ALL OTHER TAXES AND DUTIES (EXCEPTING BASIC CUSTOMS DUTY),

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

(Item serial no. 1 to 16) of the Price Bid Format (Proforma-B)

NOTES:

(1) The items **M, D, ODR, SDR, RDR, ILM0, ILM1, K, BCM, BT, BF, L, ET, D, AE & ANE** are as defined in Schedule of Rates (Part – 3, Section-IV)

(2) The same evaluation shall be applicable, if more than one Rig is offered.

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

(4) Bid evaluation will be carried out based on the sum of the total price quoted including GST. However, payment will be made against the actual job done.

(5) Mobilization of the hired rig package will be to the State of Odisha (near Konark).

(6) Demobilization of the hired rig package will be from the State of Odisha.

(7) Force Majeure Rate and Stack Rate shall not be considered for bid evaluation.

8.0 To ascertain the inter-se-ranking, Price Bids shall be evaluated on overall lowest cost to OIL (L-1 offer) basis i.e. considering total quoted price for all services including applicable GST (CGST & SGST/UTGST or IGST). Price Bid uploaded without giving any of the details of the taxes (Including rates and amounts) shall be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer shall be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on

that bidder, taxes mentioned by OIL on the Purchase Order/Contracts shall be binding on the bidder. Input Tax Credit on GST (Goods & Service Tax) for this service is NOT available to OIL & the bids shall be evaluated based on total price including GST.

9.0 PURCHASE PREFERENCE TO MICRO AND SMALL BIDDERS

9.1 Categorisation and various criteria applicable to MSE bidders shall be guided by the Gazette Notification No. CG-DL-E-26062020-220191 dated 26.06.2020 and Amendment vide Gazette Notification no. CG-DLE16062021-227649 DATED 16th June, 2021 issued by MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES. The existing enterprises registered under EM-Part-II or UAM till 30th June 2020 shall continue to be valid only for period up to the 31st day of December, 2021.

9.2 In case participating MSEs quote price within price band of L1+15%, such MSE shall be considered for award of contract by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE.

9.3 In case of more than one such MSE qualifying for 15% purchase preference, the contract shall be awarded to lowest eligible MSE amongst the MSEs qualifying for 15% purchase preference.

9.4 **DOCUMENTATION REQUIRED TO BE SUBMITTED BY MSEs**: The Bidder claiming as MSE status (MSE-General, MSE-SC/ST, MSE Woman) against this tender has to submit the following documents along with the technical bid for availing the benefits applicable to MSEs:

i) Udyam Registration Number with Udyam Registration Certificate.

Or

ii) Proof of registration with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or Udyog Adhaar registration or registration with any other body specified by Ministry of MSME.

Note: In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur or Woman Entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur/Woman Entrepreneurs should also be enclosed.

9.5 Provisions such as seeking support from another company by way of technical collaboration, submission of JV/ consortium bid, etc., wherever allowed in the tender document shall be available to all interested bidders including MSEs. In those scenarios, MSEs quoting on the strength of technical collaborators will be eligible for the benefits reserved for MSEs (i.e. exemption from payment of EMD and purchase preference). However, in case of submission of Consortium bids by MSEs, in order to avail the benefits reserved for

MSEs (i.e. exemption from payment of EMD and purchase preference), the MSE bidder shall have to rely on their own strength or on the strength of another MSE only to meet the various tender requirements including technical and financial evaluation criteria. In that case, all the members of the Consortium including the leader of the Consortium should be eligible MSEs. Further, in case of bid from incorporated JVC, in order to avail the above MSE benefits, the bidder i.e. JVC shall have to be MSE unit.

10.0 **PURCHASE PREFERENCE POLICY (LINKED WITH LOCAL CONTENT) (PP-LC)** Purchase preference policy linked with Local Content (PP-LC) - notified vide letter no. FP-20013/2/2017-FPPNG dated 17th November, 2020 of MoPNG shall be applicable in this tender. [Copy of the notification is available at http://petroleum.nic.in/sites/default/files/PPLC.pdf]. Bidders to check the provisions of the Notification and their eligibility to bid and any claim on Purchase preference. Purchase preference will be applicable as per the Notification(s) and any amendment thereof.

10.1 Bidders seeking benefits, under Purchase Preference Policy (linked with Local Content) (PP-LC) shall have to comply with all the provisions of the notification no. FP20013/2/2017-FP-PNG dated 17th November 2020 or subsequent amendments, if any.

10.2 Where both MSE and PPLC bidder(s) are entitled to Purchase Preference and neither of them is L-1, eligible MSE(s) (in order of ranking among MSEs) shall get preference over eligible PPLC bidder(s) to match their rates with that of L-1 bidder for award of contract. However, if eligible MSE(s) decline(s) to match down the price, then the eligible PPLC bidder(s) in order of ranking among themselves shall be given the opportunity to match down its price to the price of L-1 bidder for award of contract.

10.3 Where MSE is already L-1 in the tender evaluation, contract for L-1 portion shall be straightway awarded to MSE, without considering any Purchase Preference for PPLC bidder.

10.4 In case L-1 bidder is a PP-LC bidder, purchase preference shall be resorted to MSE bidder as per 'PPP for MSE-Order 2012'.

10.5 In case of participation of MSE and LC vendor against the tender, MSE vendor will be given preference over LC bidder to match with L1 bidder as per Public Procurement Policy. MSE vendor will be evaluated with 15% PP and LC vendor will be evaluated with 20% PP as MSE vendor does not have Local Content conditions as per Public Procurement Policy and the PP-LC policy is not applicable for DMEP and MSME.

11.0 VERIFICATION AND CERTIFICATION OF DOCUMENTS BY INDEPENDENT THIRD PARTY INSPECTION AGENCIES:

11.1 Oil India Limited (OIL) has engaged the following 09 (Nine) Independent Inspection Agencies for a period of 04 (four) years with effect from 06.05.2020 to verify and certify various documents required against BEC of the tender:

Sl. No.	Name of Independent Inspection Agency	Contact E-mail ID
i.	M/s. RINA India Pvt. Ltd.	a. ssd@rina.org b. Andrea.Vattuone@rina.org
ii.	M/s. Dr. Amin Controllers Pvt. Ltd.	a. rkjain@rcaindia.net b. info@rcaindia.net
iii.	M/s. Germanischer Llyod Industrial Services GmbH (DNV GL- Oil & Gas)	a. mangesh.gaonkar@dnvgl.com
iv.	M/s. TÜV SÜD South Asia Pvt. Ltd.	a. Jaimin.Bhatt@tuv-sud.in b. sanjaykumar.singh@tuv-sud.in c. Pankaj.Narkhede@tuv-sud.in d. Ajit.Yadav@tuv-sud.in
v.	M/s. IRCLASS Systems and Solutions Private Limited	a. abhishek.singh@irclass.org b. pradeep.bansal@irclass.org c. Asim.Hajwani@irclass.org d. Amit.Ketkar@irclass.org e. industrial_services@irclass.org
vi.	M/s. Gulf Llyods Industrial Services (India) Pvt. Ltd.	a. contact@gulflloyds.com b. bbhavsar@gulfllyods.com c. inspection@gulflloyds.com d. gulflloyds.india@gmail.com
vii.	M/s. TUV India Private Limited	a. salim@tuv-nord.com b. delhi@tuv_nord.com
viii.	M/s. TÜV Rheinland (India) Pvt. Ltd.	a. Shailesh.Deotale@ind.tuv.com b. ravi.kumar@ind.tuv.com c. rupeshkumar.singh@ind.tuv.com d. Neeraj.Chaturvedi@ind.tuv.com
ix.	M/s. Bureau Veritas (India) Private Limited	a. udit.chopra@bureauveritas.com b. vishal.sapale@bureauveritas.com c. dinesh.sukhramani@bureauveritas.com d. p.sridhar@bureauveritas.com e. hariprasad.jhawar@bureauveritas.com f. amit.shaw@bureauveritas.com g. business.support@bureauveritas.com h. labhanshu.sharma@bureauveritas.com i. pramodkumar.yadav@bureauveritas.com j. sonal.lad@bureauveritas.com k. bvindia.corporate@in.bureauveritas.com

11.2 The Bidders have to get verified and certified the various documents required against BEC of the tender by any one of the above Independent Inspection Agencies and submit the duly certified Inspection Certificate by the Inspection Agencies along with the Technical Bid of the Tender. All Charges of the Third-Party Independent Inspection Agencies towards verification of bidder's documents and certification thereof shall be borne by the respective bidders and payments on account of above inspection, verification and certification shall be made directly by the Bidder to the Inspection Agency(s). OIL will not be responsible for any payment dispute between Bidders and Third Party Inspection Agencies.

11.3 As mentioned above, Bidder(s) have to submit the verified documents along with the Technical Bids. Bid submitted with un-verified supporting documents shall not be considered. However, in case a bidder submits its bid along with all relevant supporting documents as per BEC without getting all/some of them verified by the designated Independent Inspection agency, such bid can be provisionally considered provided it is accompanied by an Undertaking by the Bidder on their official letterhead to submit the duly verified copies/verification certificate within 07 (Seven) days of bid opening. Company will neither send any reminder nor seek any clarification in this regard from such bidders, and the bid will be rejected outright if the bidder fails to submit the verified copies/verification certificate within 07 (Seven) days of bid opening at its own risk and responsibility.

11.4 The methodology of inspection/verification of documents is broadly as under but not limited to:

(a) It is obligatory on the part of the interested Bidders, who choose to participate against the tender, to understand the tender requirements in entirety and the requisite documents sought for in support of the Bid Evaluation Criteria/Bid Rejection Criteria (BEC/BRC) mentioned in the tender in particular. The Bidder must produce all the appropriate documents before any of the OIL's empaneled third party certifying agencies for verification/certification. Neither OIL nor the third party certifying agency shall be held accountable in any manner regarding the choice of documents by the bidder for verification. Therefore, getting the appropriate documents inspected/verified by the agency in support of BEC/BRC clauses is the sole responsibility of the Bidder.

(b) The prospective bidder shall contact any of the empaneled inspection agencies. The agency shall go through the Tender Document, especially the requirements of BEC/BRC and list the documents to be verified. They shall depute their qualified/competent inspector to the Bidder's premises to check the original documents and certify the copies which the bidder shall submit along with their bids. OIL will reserve the right to ask the inspection agencies to verify the documents with source, if required **at no extra cost to OIL. Verification of documents by OIL's empaneled third party agency shall not automatically make the bidder eligible for award of contract**.

(c) Verification of documents (but not limited to) are normally categorized as under:

i. General Requirement:

- Check Bidder's PAN Card
- Check Bidder's GST Certificate
- Check ITR of company
- Check Bidder's Certificate of Incorporation – Domestic Bidder.

ii. Additional Documents : (If applicable against the tender)

- Joint Ventures Agreements – To cross-check with JV Partners
- Consortium Agreements – To cross-check with Consortium Partners
- Holding/Parent/Subsidiary/Sister Subsidiary/Co-Subsidiary Company – To check the Share Holding pattern

iii. Technical Criteria

- To check Experience Proof- Completion Certificates, Reference contact verification, Original Work Order/Contract Copy and any other document(s), if called for vide BEC/BRC of the Tender.

iv. Financial Criteria

- Check and verify Audited Balance Sheet/CA certificate
- To check the Line of Credit, if incorporated in the tender.

Notes:

(i) If any documents LOI/LOA/Contracts etc. are submitted towards BEC/BRC experience criteria issued by Oil India Limited, such documents need not be verified by TPI agency.

(ii) Undertaking from TPI Agency as per format (**Proforma-P**) enclosed should be submitted along with the Bid.

(iii)

12.0 COMPLIANCE OF THE COMPETITION ACT, 2002: The bidder shall strictly comply with the provisions of the Competition Act, 2002, more particularly, Section-3 of the Act. Any violation the provisions of the Act shall attract penal action under the Act.

(END OF PART – 2)

PART-3

SECTION-I

GENERAL CONDITIONS OF CONTRACT (GCC)

1.0 APPLICABILITY, DEFINITION & INTERPRETATION:

1.1 Applicability

All clauses in the General Conditions of Contract [GCC] shall apply to all transactions except as otherwise stated in the Special Conditions of Contract [SCC] and/or BEC-BRC. Furthermore, in the event if there is any conflict between the Principal text of the Agreement and the Appendixes, the Principal text will prevail.

1.2 Definition & Interpretation

In the contract (as hereinafter defined) the following words and expressions shall have the meaning hereby assigned to them except where the context otherwise requires:

1.2.1 Company / OIL / Operator:

Shall mean Oil India Limited [OIL] a public sector undertaking, incorporated under Company's Act 1956 having its registered office at Duliajan-786602, Assam, India and includes its successor and permitted assigns.

1.2.2 CONTRACTOR:

Shall mean the person or persons, firm or Company or corporation incorporated in India or abroad, who has been awarded with the contract and includes contractor's legal representatives, his successors and permitted assigns.

1.2.3 Contract:

Shall mean a written agreement between the Company and the Contractor for execution of the services / works including all contract documents and subsequent amendments, if any.

1.2.4 Site:

Shall mean the place in which the operations / services are to be carried out or places approved by OIL for the purposes of the Contract together with any other places designated in the Contract as forming part of the site.

1.2.5 Company's Site Representative / Engineer:

Shall mean the person or the persons appointed by the Company from time to time to act on its behalf at the site for overall co-ordination, supervision and project management at site.

1.2.6 Sub-Contract:

Shall mean order / contract placed by the Contractor for any portion of the Contract or work sublet with necessary written consent of Company on third party. Such sub-letting shall not relieve the Contractor from any obligation, duty or responsibility under the Contract.

1.2.7 Sub-Contractor:

Shall mean any person or firm or Company (other than Contractor) to whom any part of the work has been entrusted by Contractor, with written consent of OIL or the persons appointed by OIL, successors and permitted assigns of such persons, firm or Company).

1.2.8 Contractor's Representative:

Shall mean such person / or persons duly appointed representative at the site and base as the Contractor may designate in writing to the Company as having authority to act for the Contractor in matters affecting the work and to provide the requisite services.

1.2.9 Contract Price / Value*:*

Shall mean the sum accepted or the sum calculated in accordance with the rates accepted in tender and / or the contract rates as payable to the Contractor for the entire execution and completion of the services / works, including amendments / modification / change order issued by the Company.

1.2.10 Firm price:

The prices will remain unchanged, except for statutory changes, during currency of the Contract unless specifically agreed to in writing by Company.

1.2.11 Service / Works / Operations:

Shall mean and include all items and things to be supplied / done and all work / Service to be performed by the Contractor as specified in the Scope of Work under this Contract and shall also include all extra, additional, altered or substituted works / services as required for the purpose of successful execution of the Contract.

1.2.12 Equipment / Materials / Goods :

Shall mean and include any equipment, machinery, instruments, stores, goods which Contractor is required to provide to the Company for / under the Contract and amendments thereto.

1.2.13 Drawings:

Shall mean and include all Engineering sketches, general arrangements / layout drawings, sectional plans, all elevations, photographs, etc. related to the Contract together with modification and revision thereto.`

1.2.14 Specifications:

Means and includes all technical specifications, provision attached and referred to in the tender / contract document regarding method and manner of performing the services and qualities of the service / materials to be provided under the contract and also as modified by the Company / its site representative during the execution of contract in the best interest of service.

1.2.15 Engineer In-charge (EIC):

Shall mean the person designated from time to time by the Company and shall include those who are expressly authorized by the Company to act for and on its behalf for operation of the contract.

1.2.16 Inspectors:

Shall mean any person or outside Agency nominated by Company to inspect equipment, materials and services, if any, in the Contract (stage wise as well as final) as per the terms of the Contract.

1.2.17 Tests:

Shall mean such process or processes to be carried out by the Contractor as are prescribed in the Contract, considered necessary by the Company or their representative to ascertain quality, workmanship, performance and efficiency of equipment or services thereof.

1.2.18 Approval:

Shall mean and include the written consent duly signed by Company or their authorized official in respect of all documents, drawings or other particulars in relation to the Contract

1.2.19 Day:

Shall mean a calendar day of twenty–four (24) consecutive hours beginning at 00:00 hours with reference to local time at the site.

1.2.20 Month:

Shall mean a calendar month as per Gregorian calendar.

1.2.21 Year:

Shall mean calendar year as per Gregorian calendar.

1.2.22 Working day:

Means any day which is not declared to be holiday by the Company.

1.2.23 Bid / offer:

Shall mean the proposal / Offer along with supporting documents submitted by the bidder in response to the tender or enquiry in accordance with the terms of Tender or Enquiry, for consideration by Company, prior to award of contract.

1.2.24 Guarantee:

Shall mean the period and other conditions governing the warranty / guarantee of the services as provided in the Contract.

1.2.25 Mobilization:

Shall mean rendering the equipment fully manned and equipped as per Contract and ready to begin work at site designated by the Company and accepted by the Company after inspection.

1.2.26 De-mobilization:

Shall mean the removal of all items forming part of the Mobilization from the site of the Company and inspection and acceptance thereafter by the Company including compliance of requirement in relation to re-export of imported equipment/materials under concessional duty scheme in accordance with relevant notification from Customs Authorities.

1.2.27 Willful Misconduct:

Shall mean 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 of the Company or Third Party.

1.2.28 Gross Negligence:

Shall mean 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 unjustifiable 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.

1.2.29 Criminal Negligence:

Shall mean that the crime happened negligently, there was duty of care upon the Person but inadvertently due to his negligence, the duty was breached, which causes harm to the people in the form of death or serious injury.

1.2.30 GST Legislations:

'GST legislations' means 'any or all of the following legislations as may be applicable to the Contractor and OIL:

(A) The Central Goods & Services Tax Act, 2017;
(B) The Integrated Goods & Services Act, 2017;
(C) The Union Territory Goods & Services Tax Act, 2017;
(D) The respective State Goods & Service Tax Acts'
(E) The Goods and Services (Compensation to States) Act, 2017
(F) The Customs Act and the Customs Tariff Act.
(G) Any other applicable Act related to GST

2.0 CONTRACT DOCUMENT:

2.1 Governing language: The governing language for the Contract shall be English. All Contract documents and all correspondence and communication to be given and all other documentation to be prepared and supplied under the Contract shall be written in English and the Contract shall be construed and interpreted in accordance with English language.

2.2 Entire Agreement: The Contract constitutes the entire agreement between OIL and the Contractor with respect to the subject matter of the Contract and supersedes all communication, negotiations and agreement (whether written or oral) of the parties with respect thereto made prior to the date of this agreement, unless such communication(s) expressly forms part of the contract or included by reference.

2.3 Amendment in CONTRACT: No Amendment of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto. OIL shall not be bound by any printed conditions, provisions in the Contractor's Bid, forms of acknowledgement of Contract, invoice and other documents which purport to impose any condition at variance with or supplement to Contract.

3.0 WAIVERS AND AMENDMENTS:

3.1 Waivers: It is fully understood and agreed that none of the terms and conditions of this contract shall be deemed waived by either party unless such waiver is executed in writing only by the duly authorized representatives of both the parties. The failure of either party to execute any right shall not act as a waiver of such right by such party.

3.2 Change Program: It is agreed that Contractor shall carry out work in accordance with the completion program (e.g. Drilling programme) to be furnished by the Company, which may be changed from time to time by reasonable modifications in the program as Company sees fit. Company's instruction in this regard shall be final and binding.

4.0 CONTRACT TIMELINE:

4.1 Effective Date of Contract: The contract shall become effective as on the date Company notifies the Contractor in writing that it has been awarded the contract. This date of issuance of Letter of Award (LOA) by the Company will be the Effective Date of Contract. All terms and conditions of the contract shall come into force with the date of issuance of LOA.

4.2 Date of Commencement of Operation:

The date on which the mobilization is completed in all respects and Contractor is ready to commence operation as per the contract provision [Certified by the Company's representative] will be treated as the date of Commencement of Operation.

4.3 Duration of the contract:

The contract shall be valid for a period as defined in the LOA and Special Conditions of Contract [SCC].

5.0 SCOPE OF WORK / CONTRACT:

Scope of the CONTRACT shall be as defined in the Contract, specifications, drawings and Appendices.

6.0 GENERAL OBLIGATION OF CONTRACTOR:

Contractor shall, in accordance with and subject to the terms and conditions of this Contract:

6.1 Perform the work described in the Terms of Reference / Scope of Work. The Contractor shall execute the work with professional competence and in an efficient and workman like manner.

6.2 Except as otherwise provided in the Terms of Reference and the special Conditions of the contract, employ all labours / personnel as required to perform the work.

6.3 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.

6.4 Comply with all applicable statutory obligations specified in the contract.

6.5 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.

6.6 Contractor shall be deemed, prior to submitting their bids, to have satisfied themselves about the weather conditions, working culture in the area, socio-political environment, safety & security aspects, law & order situation and law of the land, 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.

6.7 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.

7.0 GENERAL OBLIGATION OF COMPANY:

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

7.1 Pay Contractor in accordance with terms and conditions of the contract.

7.2 Allow Contractor access, subject to normal security and safety procedures, to all areas as required for orderly performance of the work as specified in the Scope of Works of the contract or work connected therewith.

7.3 Perform all other obligations required of Company by the terms of this contract.

8.0 DUTIES AND POWER / AUTHORITY:

8.1 OIL's site representative / engineer:

The duties and authorities of OIL's site representative / engineer are to act on behalf of OIL for:

i. Overall supervision, co-ordination and Project Management at site

ii. Proper and optimum utilization of equipment and services.

iii. Monitoring of performance and progress

iv. Commenting / countersigning on reports made by the Contractor's representative at site in respect of works, receipts, consumption etc. after satisfying himself with the facts of the respective cases.

v. He shall have the authority, but not obligation at all times and any time to inspect / test / examine / verify any equipment machinery, instruments, tools, materials, personnel, procedures and reports etc. directly or indirectly pertaining to the execution of the work. However this shall not construe to imply an acceptance by the inspector.

Hence, the overall responsibility of quality of work shall rest solely with the Contractor.

vi. Each and every document emerging from site in support of any claim by the Contractor has to have the countersignature / comments of the OIL's representative / engineer without which no claim shall be entertained by the OIL.

8.2 Contractor's representative:

(a) The Contractor's representative shall have all the powers requisite for the performance of the Service/Works, subject to holding due authorization from the Contractor.

(b) Representative(s) shall liaise with OIL's representative / engineer for the proper co-ordination and timely completion of the works and on any matter pertaining to the works.

(c) Representative(s) shall extend full co-operation to OIL's representative / inspector / engineer in the manner required by them for supervision / inspection / observation of equipment, material, procedures, performance, reports and records pertaining to works.

(d) To have complete charge of Contractor's personnel engaged in the performance of the work and to ensure compliance of rules and regulations and safety practice.

9.0 PERSONNEL TO BE DEPLOYED BY CONTRACTOR:

Contractor warrants that it shall provide competent, qualified and sufficiently experienced personnel to perform the work correctly and efficiently.

9.1 The Contractor should ensure that their personnel observe all statutory safety requirement including those prescribed by the Company. 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. Replacement personnel should be mobilized within 15 days from the date of issuance of notice without affecting the operation of the Company.

9.2 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 site, enroute / local boarding, lodging, personal protective gear & medical attention etc. Company shall have no responsibility or liability in this regard.

9.3 However, Company shall provide available medical assistance/facilities to Contractor's Personnel in case of emergency at its own establishment on chargeable basis.

9.4 Contractor's key personnel shall be fluent in English language (both writing and speaking).

10.0 PERFORMANCE SECURITY:

10.1 On receipt of notification of award from the Company, the Contractor shall furnish the Performance Security to Company within 15 (fifteen) days from the date of issue of LOA for an amount specified in the Forwarding Letter and Letter of Award (LOA) as per Proforma-Form and must be in the form of a Bank Draft / Cashier's Cheque / Banker's Cheque* / ~~NEFT / RTGS~~ / Electronic fund transfer to designated account of OIL# or ~~Fixed Deposit Receipt (account OIL INDIA LIMITED)~~ or irrevocable Bank Guarantee ~~or irrevocable Letter of Credit (LC)~~ from:

a. Any schedule Indian Bank or any Branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign bank in case of domestic Contractor / service provider.

OR

b. Any scheduled bank in India or from International bank which has its branch in India registered with Reserve Bank of India, in case of foreign Contractor / service provider.

OR

c. Any foreign Bank which is not a Scheduled Bank in India, provided the Bank Guarantee issued by such Bank is counter-guaranteed by any Branch situated in India of any Scheduled Bank incorporated in India.

Note: Bank Guarantee issued by a Scheduled Bank of India at the request of some other Non-Scheduled Bank of India shall not be acceptable.

10.2 Bank Guarantee issued by a Bank, amongst others, must contain the following particulars of such bank:

Full address

Branch Code

Code Nos. of the authorized signatory with full name and designation.

Phone Nos.

Fax Nos.

E-mail address.

10.3 The domestic Contractor / Service Provider(s) will have to submit the Bank Guarantee from any of the scheduled banks and on non- judicial stamp paper of requisite value as per the Indian Stamp Act, purchased in the name of the issuing banker.

10.4 The foreign Contractor / Service Provider(s) will submit the Bank Guarantee from Banks of Indian origin situated in their country. In case no such bank of Indian origin is situated in their country, the Bank Guarantee may be submitted from the bankers as specified above.

10.5 The Performance Security shall be denominated in the currency of the contract.

10.6 The Performance Security specified above must be valid for the entire duration of the Contract and claim period should be valid for a minimum of **03 (three) months** beyond the contract period. The Performance Security will be discharged by Company not later than 30 days following its expiry of claim period. In the event of any extension of the Contract period, Bank Guarantee should be extended by Contractor by the period equivalent to the extended period.

10.7 The Performance Security shall be encashed by Company on account of Contractor's failure to fulfil its obligations under the Contract and / or non-performance / un-satisfactory performance of the Contractor. Company shall not be required to proof any loss or damage on account of Contractor's non-performance / un-satisfactory performance.

10.8 The Performance Security will not accrue any interest during its period of validity or extended validity.

10.9 Failure of the successful Bidder to comply with the requirements of clause 10.0 shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security. In such an eventuality, action will be initiated as per the Banning Policy of OIL in vogue.

Subject to credit in OIL's account within prescribed time

* The validity of Bank Draft / Cashier's / Banker's Cheque (as applicable) should not be less than **03 (three) months**.

In the event CONTRACTOR fails to honour any of the commitments entered into under this agreement, and / or in the event of termination of the contract under provisions of Integrity Pact and / or in respect of any amount due from the CONTRACTOR to OIL, OIL shall have unconditional option under the guarantee to invoke the above bank guarantee and claim the amount from the bank. The bank shall be obliged to pay the amount to OIL on demand.

11.0 SIGNING OF CONTRACT:

11.1 The successful bidder is required to sign a formal detailed contract with OIL within a maximum period of 60 days of date of LOA. Until the contract is signed, **the LOA as well as GCC & SCC as prescribed in the Tender, shall remain binding amongst the two parties**. In the event of failure on the part of the successful Bidder to sign the contract, OIL 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. Such CONTRACTOR shall be put on holiday as per the Banning Policy of OIL [available at www.oil-india.in].

12.0 CLAIMS, TAXES & DUTIES:

12.1 Claims: Contractor agrees to pay all claims, taxes and fees for equipment, labour, materials, services and supplies to be furnished by it hereunder and agrees to allow no lien or charge resulting from such claims to be fixed upon any property of Company. Company may, at its option, pay and discharge any liens or overdue charges for Contractor's equipment, labour, materials, services and supplies under this Contract and may thereupon deduct the amount or amounts so paid from any sum due, or thereafter become due, to Contractor hereunder.

12.2 Notice of claims: Contractor or Company, as the case may be, shall promptly give the other, notice in writing of any claim made or proceeding commenced for which that party is entitled to indemnification under the Contract. Each party shall confer with the other concerning the defence of any such claims or proceeding, shall permit the other to be represented by counsel in defence thereof, and shall not affect settlement of or compromise any such claim or proceeding without the other's written consent.

12.3 Taxes:

12.3.1 Contractor, unless specified otherwise in the Contract, shall bear all tax liabilities, duties, Govt. levies etc. including GST and customs duty, Corporate and personnel taxes levied or imposed on the Contractor on account of payments received by it from the Company for the work done under this Contract. It shall be the responsibility of Contractor to submit to the concerned Indian authorities, the returns and all other concerned documents required for this purpose and to comply in all respects with the requirements of the laws in this regard, in time.

12.3.2 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.

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

12.3.4 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. Contractor shall be responsible for preparing and filing the return of income etc. within the prescribed time limit to the appropriate authority.

12.3.5 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.

12.3.6 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.

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

12.3.8 All local taxes, levies and duties, sales tax, octroi, etc. on purchases and sales made by Contractor shall be borne by the Contractor.

12.3.9 Contractor shall provide all the necessary compliances/ invoice/documents for enabling OIL to avail Input tax credit benefits in respect of the payments of GST which are payable against the Contract. The Contractor should provide tax invoice issued under GST legislations for the goods and Services (indicating GST). Payment towards the components of GST shall be released by OIL only against appropriate documents i.e.: Tax Invoice/Bill of entry for availing input tax credit (as applicable).

12.3.10 The tax invoices as per above provisions should contain all the particulars as required under the invoicing rules under the GST legislations, including, but not limited to the following:

i. Name, Address and the GST Registration Number (under the relevant Tax Rules) of the Service Provider (Contractor)
ii. Name and Address and GST Registration Number of the Service Receiver (Address of OIL)
iii. Description, Classification and Value of taxable service/goods and the amount of applicable tax (CGST, SGST, IGST, UTGST and cess)

12.3.11 In case of imported goods, Contractor/supplier is required to provide original Bill of Entry or copy of Bill of Entry duly attested by Custom authority.

12.3.12 The Contractor should mention the Place of supply in the invoice raised under GST Law.

12.3.13 OIL would not accept any invoice without its GSTIN mentioned on the invoice

Note: Contractor who is under composition levy of the GST legislation would raise Bill of supply instead of Tax invoice, which will have GSTIN of supplier as well as OIL.

12.4 Goods and Services Tax:

12.4.1 "GST" shall mean Goods and Services Tax charged on the supply of material(s) and services. The term "GST" shall be construed to include the Integrated Goods and Services Tax (hereinafter referred to as "IGST") or Central Goods and Services Tax (hereinafter referred to as "CGST") or State Goods and Services Tax (hereinafter referred to as "SGST") or Union Territory Goods and Services Tax (hereinafter referred to as "UTGST") depending upon the import/interstate or intrastate supplies, as the case may be. It shall also mean GST compensation Cess, if applicable.

12.4.2 Where the OIL is entitled to avail the input tax credit of GST:

OIL will reimburse the GST to the Supplier of Goods / Services (Service Provider) at actual against submission of Invoices as per format specified in rules / regulation of GST to enable OIL to claim input tax credit of GST paid. In case of any variation in the executed quantities, the amount on which the GST is applicable shall be modified in same proportion. Returns and details required to be filled under GST laws & rules should be timely filed by supplier with requisite details.

12.4.3 Where the OIL is not entitled to avail/take the full input tax credit of GST:

OIL will reimburse GST to the Supplier of Goods / Services (Service Provider) at actual against submission of Invoices as per format specified in rules/ regulation of GST subject to the ceiling amount of GST as quoted by the bidder. In case of any variation in the executed quantities (If directed and/or certified by the In-Charge) the ceiling amount on which GST is applicable will be modified on pro-rata basis.

12.4.4 The Contractor will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. Further the Contractor shall avail and pass on benefits of all exemptions/concessions available under tax laws. Any error of interpretation of applicability of taxes/ duties by the Contractor shall be to Contractor's account.

12.4.5 In case of statutory variation in GST, other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods/ Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision.

12.4.6 Beyond the contract period, in case OIL is not entitled for input tax credit of GST, then any increase in the rate of GST beyond the contractual delivery period shall be to Service provider's account whereas any decrease in the rate GST shall be passed on to the OIL.

12.4.7 Beyond the contract period, in case OIL is entitled for input tax credit of GST, then statutory variation in applicable GST on supply and on incidental services, shall be to OIL's account.

12.4.8 Claim for payment of GST / Statutory variation, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) GST, otherwise claim in respect of above shall not be entertained for payment of arrears.

12.4.9 The base date for the purpose of applying statutory variation shall be the Bid Opening Date.

12.4.10 The Contractor will be liable to ensure to have registered with the respective tax authorities, wherever applicable and to submit self- attested copy of such registration certificate(s) and the Contractor will be responsible for procurement of material in its own registration (GSTIN) and also to issue its own Road Permit/ E-way Bill, if applicable etc.

12.5 Anti-profiteering clause

12.5.1 As per Clause 171 of GST Act it is mandatory to pass on the benefit due to reduction in rate of tax or from input tax credit to the consumer by way of commensurate reduction in prices.

12.5.2 In case rating of Contractor is negative/black listed after award of work for supply of goods/services, then OIL shall not be obligated or liable to pay or reimburse GST to such vendor / Contractor and shall also be entitled to deduct / recover such GST along with all penalties/interest, if any, incurred by OIL.

13.0 CUSTOMS DUTY, IF APPLICABLE:

13.1.1 Contractor shall be responsible to import the equipment / tools / spares / consumables etc. required for execution of the contract. The Contractor shall undertake to complete all the formalities as required under the Customs Act/Foreign Trade Policy (FTP) and indemnify OIL from all the liabilities of Customs in this regard.

13.1.2 Contractor will be solely responsible for payment of all applicable Customs Duty and to comply all Rules and Regulations. Total Contract Price/Value is inclusive of all Customs Duty, if not mentioned otherwise elsewhere in the Contract.

13.1.3 Above clause is to be read with Customs Duty Clause in SCC, if any.

14.0 INSURANCE:

14.1 Contractor shall at his own expense arrange secure and maintain insurance with reputed insurance companies to the satisfaction of the Company as follows:

Contractor at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the works in progress from time to time and the interest of Company against all risks as detailed herein. The form and the limit of such insurance, as defined here in together with the under works thereof in each case should be as acceptable to the Company. However, irrespective of work acceptance the responsibility to maintain adequate insurance coverage at all times during the period of Contract shall be that of Contractor alone. Contractor's failure in this regard shall not relieve him of any of his responsibilities & obligations under Contract. All costs on account of insurance liabilities covered under Contract will be to Contractor's account and will be included in Value of Contract. However, the Company may from time to time, during the currency of the Contract, ask the Contractor in writing to limit the insurance coverage risk and in such a case, the parties to the Contract will agree for a mutual settlement, for reduction in value of Contract to the extent of reduced premium amounts. Contractor shall cover insurance with Indian Insurance Companies.

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

14.3 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 agreements with its sub-contractors.

14.4 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.

14.5 Certificate of Insurance:

Before commencing performance of the Contract, Contractor shall furnish OIL with certificates of insurance indicating:

a) Kinds and amounts of insurance as required herein
b) Details of coverage
c) Insurance corporation or companies carrying the aforesaid coverage
d) Effective and expiry dates of policies
e) That OIL shall be given thirty (30) days written advance notice of any material change in the policy
f) Waiver of subrogation endorsement has been attached to all policies and
g) The territorial limits of all policies.

14.6 Contractor shall also inform the Company at least 60 days in advance regarding the expiry cancellation and / or changes in any of such documents & ensure revalidation / renewal, etc., as may be necessary well in time.

14.7 If any of the above policy expire or/are cancelled during the term of this Contract and Contractor fails for any reason to renew such policies, OIL in no case shall be liable for any loss/damage occurred during the term when the policy is not effective. Furthermore, a penal interest @ 1% of the Total contract value shall be charged towards not fulfilling of the contractual obligations. Notwithstanding above, should there be a

lapse in any insurance required to be taken by the Contractor for any reason whatsoever, loss / damage claims resulting therefrom shall be to the sole account of Contractor.

14.8 Contractor on demand from Company shall furnish the Insurance Policy having detail terms and conditions, with respect to any Certificate of Insurance submitted to the Company.

Contractor shall, at his own expense, arrange appropriate comprehensive insurance to cover all risks assumed by the Contractor under this Contract in respect of Contractor's equipment, tools and any other belongings of the Contractor and its personnel as well deputed under this Contract during the entire period of their engagement in connection with this Contract including extensions if any. The Contractor shall also carry adequate insurance cover against damage/loss to third party person/property. OIL will have no liability on this account.

14.9 Principal Assured:

The following are to be included as Principal Assured(s) in the Insurance Policies (except in case of Workmen's Compensation / Employer's Liability insurance):

"Oil India Limited, and Contractor's name (as appearing in the Contract/LOA)"

14.10 Waiver of subrogation:

All insurance policies of the Contractor with respect to the operations conducted hereunder as set forth in clauses hereof, shall be endorsed by the underwriter in accordance with the following policy wording:

"The insurers hereby waive their rights of subrogation against Oil India Limited or any of their employees or their affiliates and assignees".

14.11 Deductible:

The Contractor shall take policy with minimum deductible as per IRDA prescribed for the policy(ies). That portion of any loss not covered by insurance provided for in this article solely by reason of deductible provision in such insurance policies shall be to the account of the Contractor.

14.12 Compliance with Sec 25(1), of "The General Insurance Business (Nationalization) Act 1972"

Section 25(1) of "The General Insurance Business (Nationalization) Act 1972" is reproduced below:

"No person shall take out or renew any policy of insurance in respect of any property in India or any ship or other vessel or aircraft registered in India with an insurer whose principal place of business is outside India save with the prior permission of the Central Government".

The above requirement of aforesaid Act needs to be complied with by the Contractor wherever the aforesaid provisions of Act apply, and compliance confirmations submitted.

14.13 Loss Payee Clause:

The Insurance Policies should mention the following in Loss Payee Clause:

"In respect of Insurance claims in which OIL's interest is involved, written consent of OIL will be required".

14.14 On account payment to OIL in case of claim

In case any loss or damage happen and where OIL's interest is involved, OIL reserves the right to recover the loss amount from the Contractor prior to final settlement of the claim.

14.15 Contractor shall require all of its SUB-contractors to provide such of the foregoing insurance cover as the Contractor is obligated to provide under this Contract.

14.16 Contractor shall at all time during the currency of the contract provide, pay for and maintain the following insurance amongst others:

i) **Workman Compensation and / Employers' Liability Insurance**: Workmen's compensation and employer's liability insurance as required by the laws of the country of origin of the employee.

ii) **Commercial General Liability Insurance:** Commercial General Public 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.

iii) **Comprehensive General Automotive Liability:** 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 shall be governed by Indian Insurance Regulations.

iv) **Carrier's Legal Liability Insurance:** Carrier's Legal Liability Insurance in respect of **all CONTRACTOR's items** to be transported by the Contractor to the site of work, for physical loss or destruction of or damage to goods or merchandise, while in transit.

v) **Public Liability Act Policy:** Public Liability Act Policy covering the statutory liability arising out of accidents occurring during the currency of the contract due to handling hazardous substances as provided in the Public Liability Insurance Act 1991 and the Rules framed there under.

vi) **Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY):** Contractor shall, ensure that all his/ its personnel deployed under this contract have obtained additional insurance coverage under the Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana

(PMJJBY) through the participating banks and submit the proof of such insurance coverage to the satisfaction of OIL.

vii) Contractor's equipment used for execution of the work hereunder shall have an insurance cover with a suitable limit (as per international standards).

viii) Any other insurance policy set forth in the SCC

Note: An undertaking by the service provider has to be mandatorily provided during the Mobilization time that they have taken all the Insurance provisions as per the contract and as the Law and Insurance Regulation.

15.0 LIABILITY:

15.1 Except as otherwise expressly provided herein, neither Company 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 of or damage to the property of the Contractor and/or their contractors or Sub-contractors, 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.

15.2 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. Neither Company nor its servants, agents, nominees, assignees, contractors, sub-contractors 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 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. Contractor shall protect, defend, indemnify and hold harmless Company from and against such liabilities and any suit, claim or expense resulting there from.

15.3 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 for loss or damage to the equipment of the Contractor and/or its Sub-contractors 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.

15.4 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 for injury to, illness or death of any employee of the Contractor 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 limited to the Contractor's liabilities agreed to under this Contract.

15.5 Except as otherwise expressly provided herein, 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.

15.6 Except as otherwise expressly provided herein, 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.

15.7 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.

15.8 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.

16.0 LIMITATION OF LIABILITY:

a) Notwithstanding any other provisions herein to the contrary, except only in cases of Wilful misconduct and/or criminal acts and/or criminal negligence, 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, provided however that this exclusion shall not apply to any obligation of the Contractor to pay Liquidated Damages to the Company and/or Company's right to forfeit the Performance Bank Guarantee(s) in terms of the contract.

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 100% of the Contract Price (if not specified otherwise in SCC), 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.

17.0 LIABILITY OF UNION GOVERNMENT OF INDIA:

It is expressly understood and agreed upon by and between Contractor and Oil India Limited, and that Oil India Limited is entering into this agreement solely on its own behalf and not on behalf of any other person or entity. In particular, it is expressly understood and agreed that Union of India is not a party to this agreement and has no liabilities, obligations or rights, whatsoever hereunder. It is expressly understood and agreed that Oil India Limited is an independent legal entity with power and authority to enter into contracts solely on its own behalf under the applicable laws of India and general principles of the Contract law. The bidder/ Contractor expressly agrees, acknowledges and understands that Oil India Limited is not an agent, representative or delegate of the Union of India. It is further understood and agreed that Union of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the contract. Accordingly, bidder / Contractor hereby expressly waives, releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the Union of India arising out of this contract and covenants not to sue the Union of India as to any manner, claim, cause of action or thing whatsoever arising of or under this agreement.

18.0 CONSEQUENTIAL DAMAGE:

Except as otherwise expressly provided, neither party shall be liable to the other for special, indirect or consequential damages resulting from or arising out of the contract, including but without limitation, to loss or profit or business interruptions, howsoever caused and regardless of whether such loss or damage was caused by the negligence (either sole or concurrent) of either party, its employees, agents or Sub-contractors.

19.0 RISK PURCHASE:

In the event, Contractor's failure to provide the services as per the Contractual scope, terms and conditions, Company (OIL) reserves the right to hire the services from any other source at the Contractor's risk & cost and the difference in cost shall be borne by the Contractor. Further, OIL shall retain the right of forfeiture of Performance Bank Guarantee and any other action as deemed fit. In certain operational situations OIL reserves the right to take over the site including the service equipment at the risk and cost of the Contractor.

20.0 INDEMNITY AGREEMENT:

20.1 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 or in favour of any third party(is) 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.

20.2 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 or in favour of any third party(is) 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.

21.0 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.

22.0 ROYALTY PATENTS:

Each party shall hold harmless and indemnify the other 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 forming part thereof.

23.0 WARRANTY AND REMEDY OF DEFECTS:

23.1 Contractor warrants that they shall perform the work in a first class, workmanlike, and professional manner and in accordance with their highest degree of quality, efficiency and current state of the art technology/industry practices and in conformity with all specifications, standards and drawings set forth or referred to in the Terms of Reference and with instructions and guidance, which Company may, from time to time, furnish to the Contractor.

23.2 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 shall be forfeited.

24.0 SUBCONTRACTING / ASSIGNMENT:

24.1 Contractor shall not subcontract, transfer or assign the contract, or any part under this contract, to any third party(ies). Except for the main services under this contract, Contractor may sub-contract the petty support services subject to Company's prior written approval. However, Contractor shall be fully responsible for complete execution and performance of the services under the Contract.

24.2 Consequent upon of placement of contract, if successful bidder(s)(other than Micro / Small Enterprise) is procuring materials/services from their sub-vendor, who is a Micro or Small Enterprise registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME with prior consent in writing of the purchasing authority/Engineer in Charge the details like Name, Registration No., Address, Contact No., details of material and value of procurement made, etc. of such enterprises shall be furnished by the Contractor at the time of submission of invoice/bill.

25.0 RECORDS, REPORTS AND INSPECTION:

The Contractor shall, at all times during the currency of the contract, 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 service item with major items consumed, which shall be open at all reasonable times for inspection by the Company's designated representatives and its authorized employees. The Contractor shall provide the Company's 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 services 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 information or give out to any third person information in connection therewith.

26.0 CONFIDENTIALITY, USE OF CONTRACT DOCUMENTS AND INFORMATION:

26.1 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, 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 which is:

a) 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) 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.

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

26.3 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.

26.4 During the currency of the Contract, Company and its employees, agents, other contractors, Sub-contractors (of any tier) and their employees etc. may be exposed to certain confidential information and data of the Contractor. Such information and data held by the Company, its employees, agents, other contractors, Sub-contractors (of any tier) and their employees in the strictest Confidence and shall not be disclosed to any other party except on a need to know basis.

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;

27.0 REMUNERATION AND TERMS OF PAYMENT:

27.1 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.

27.2 Request for payment/part payment to third party i.e. other than the party on whom the contract has been awarded will not be entertained by OIL under any circumstances.

27.3 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.

27.4 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 Contractor written notice of objection to any item or items the validity of which Company questions.

27.5 Invoices: Mobilization charges (if any) will be invoiced only upon completion of mobilization as certified by Company representative and Contractor is ready at site for starting the services / operation. Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by Company.

27.6 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.

27.7 Contractor will submit 02 (two) 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.

27.8 Payment of monthly invoices, if undisputed, shall be made within 30 days following the date of receipt of invoice by Company.

27.9 Company shall within 30 days of receipt of the invoice notify the Contractor 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. This will not prejudice the Company's right to question the validity of the payment at a later date as envisaged in clause no. **27.4** above.

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

27.11 Payment of Final demobilization charges shall be made if applicable within 45 days on 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 including the unutilized spares and consumables (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. A certificate from Chartered Accountant on (a), (b) & (c) above will suffice

27.12 Contractor shall maintain complete and correct records of all information on which Contractor's invoice are based up to 02 (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.

28.0 PAYMENT OF COMMISSION / FEE / REMUNERATION OF INDIAN AGENT / CONSULTANT / REPRESENTATIVE / RETAINER / ASSOCIATE OF FOREIGN PRINCIPAL (APPLICABLE IN ICB TENDERS ONLY):

The Commission / Fee / remuneration of the Indian agent / consultant / associate / representative / retainer, if any, will be paid within 30 days of the payment of invoice made to the Contractor, The amount of commission / fee / remuneration as a percentage of invoice value as per contract provisions will be deducted by Company / OIL from the monthly invoices of the Contractor and paid to the Indian agent / consultant / representative / retainer / associate.

29.0 DETAILS OF STATUTORY PAYMENTS LIKE EPF AND ESI, ETC:

Wherever applicable, the Contractor (including those engaging 'International Workers') shall have itself registered under Employees' Provident Fund and Miscellaneous Provisions Act, 1952 and Employees' State Insurance Act, 1948 and follow the relevant statutory provisions including Rules made there-under concerning contractual workers.

The Contractor shall be required to submit the following documents/details to the Company:

(i) Copy of PF-ECR duly stamped by the designated Bank, along with a print of the digitally signed PDF data sheet of the ECR, as proof of payment, each month, details of this PDF data sheet shall be verified by the appropriate authority (i.e. Payment Making Authority) in the Company from the official website of EPFO (http://www.epfindia.gov.in).

(ii) (a) Copy of the online challan endorsed/stamped by the designated bank as proof of receipt of payment towards monthly contribution of ESI contribution.

(b) Copy of Return of contribution in respect of ESI for each contribution period of the six months i.e. for the contribution period ended 30th Sept and the contribution period ended 31st March.

(iii) As an Annexure to each EPF-ECR and ESI Challan(s), Contractor shall also furnish the following Certificates:

1) The furnished information is correct to the best of his knowledge.

2) In case any discrepancies or irregularities is / are noticed in this undertaking, then OIL is free to inform the PF / ESIC Authorities.

3) Before the completion of contract, Contractor shall serve one-month notice to all his contractual workers, informing that their services will be terminated.

4) Within one month on completion / expiry of the contract, Contractor shall pay all the dues / terminal dues such as leave with wages, bonus (if applicable), Gratuity (if applicable), to all his contractual workmen, failing which Contractor's Bank Guarantee / Security Deposit may be withheld by OIL.

Company may verify the deposit of statutory contribution made by the contractors with the EPFO / ESI authorities, where deemed necessary. However, before making payment of the last bill / invoice of the Contractor, the Company may verify the details / status of the payment towards EPF / ESI made by the Contractor from the authorities / official website of EPF / ESI (i.e. http://www.epfindia.gov.in and http://www.esic.in). In case the information furnished by the Contractor is found to be incorrect the Company shall take appropriate action against the Contractor in accordance with law.

The Contractor agrees and undertakes to indemnify OIL for any liabilities arising out of declarations made by him in future on violation or provisions of the EPF Act 1952 and ESI Act 1948.

30.0 TIMELY MOBILIZATION AND LIQUIDATED DAMAGES:

a) Time is the essence of this Contract. If the Contractor fails to mobilize and deploy the required manpower / equipment and / or fails to commence the operation within the period specified as specified under mobilization clause under SCC, OIL shall have, without prejudice to any other right or remedy in law or contract including sub clause (b) below, the right to terminate the contract.

b) If the contractor is unable to mobilize / deploy and commence the operation within the period specified in sub clause (a) above, it may request OIL for extension of the time with unconditionally agreeing for levy and recovery of LD. Upon receipt of such a request, OIL may at its discretion, extend the period of mobilization and shall recover from the Contractor, as an ascertained and agreed Liquidated Damages, a sum equivalent to @ 0.5% of contract value including mobilization cost, per week or part thereof of delay subject to maximum of 7.5% of the Contract Price.

c) The parties agree that the sum specified above is not a penalty but a genuine pre-estimate of the loss / damage which will be suffered by OIL on account of delay on the part of the Contractor and the said amount will be payable without proof of actual loss or damage caused by such delay.

d) LD will be calculated on the basis of Total Contract value [(if not specified otherwise in SCC] excluding duties and taxes, where such duties / taxes have been shown separately in the contract. However, the applicable GST on the LD shall have to be borne by the Contractor. Accordingly, the liquidated damages shall be recovered from the Contractor along with applicable GST.

31.0 FORCE MAJEURE:

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 as provided herein. The term force majeure as employed herein shall mean Acts of God such as earthquake, hurricane, typhoon, flood, volcanic activity etc.; war (declared / undeclared); riot, revolts, rebellion, terrorism, sabotage by persons other than the Contractor's Personnel; fires, explosions, ionising radiation or contamination by radio-activity or noxious gas, if not caused by Contractor's fault; declared epidemic or disaster; acts and regulations of respective Govt. of the two parties, namely the Company and the Contractor and civil commotions, lockout not attributable to the Contractor.

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

Should 'force majeure' condition as stated above occurs and should the same be notified within 72 (Seventy two) hours after its occurrence the `force majeure' rate (if specified in the SCC of the Contract) shall apply for the first 15 (fifteen) days for each such occasion.

Either party shall have the right to terminate the Contract if such `force majeure' conditions continue beyond successive 60 (Sixty) days [or exclusively mentioned in the SCC of the Contract] with prior written notice of 15 days, provided termination of the Contract does not result into safety hazard to the life and property on account of withdrawal of operations or the operation is at critical stage. Company shall have the absolute right to decide whether any safety hazard exists or operation is at critical position and decision of the Company shall binding upon the Contractor.

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**.** [or exclusively mentioned in the SCC of the Contract]

Time for performance of the relative obligation suspended by Force Majeure shall then stand extended by the period for which such cause lasts.

If however, relative obligation of the party affected by such 'Force Majeure' is limited to part of the obligation(s), the contract shall not be terminated and the parties shall continue to perform their respective obligations, which are not affected by the 'force majeure' condition, provided the obligations affected by the 'force majeure' do not preclude the parties in performing the obligations not affected by such conditions.

32.0 SET-OFF:

Any sum of money due and payable to the Contractor (including Performance Security refundable to them) under this or any other Contract, whether in progress or in future, 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).

33.0 WITHHOLDING:

Company may withhold or nullify the whole or any part of the amount due to Contractor, after informing the Contractor of the reasons in writing, on account of subsequently discovered evidence in order to protect Company from loss on account of :

33.1 For non-completion of jobs assigned as per Scope of Work/Terms of Reference.

33.2 Defective work not remedied by Contractor.

33.3 Claims by Company's recognized Sub-Contractor of Contractor or others filed or on the basis of reasonable evidence indicating probable filing of such claims against Contractor.

33.4 Failure of Contractor to pay or provide for the payment of salaries/ wages, contributions, taxes or enforced savings with-held from wages etc. with respect to personnel engaged by the Contractor.

33.5 Failure of Contractor to pay the cost of removal of unnecessary debris, materials, tools, or machinery.

33.6 Any failure by Contractor to fully reimburse Company under any of the indemnification provisions of this Contract. If, during the progress of the work Contractor shall allow any indebtedness to accrue for which Contractor, under any circumstances in the opinion of Company, may be primarily or contingently liable or ultimately responsible and Contractor shall, within five days after demand is made by Company, fail to pay and discharge such indebtedness, then Company may during the period for which such indebtedness shall remain unpaid, with-hold from the amounts due to Contractor, a sum equal to the amount of such unpaid indebtedness.

33.7 Withholding will also be effected on account of the following:

i) Order issued by a Court of Law or statutory authority in India.

ii) Income-tax deductible at source according to law prevalent from time to time in the country.

iii) Any obligation of Contractor which by any law prevalent from time to time to be discharged by Company in the event of Contractor's failure to adhere to such laws.

iv) Any payment due from Contractor in respect of unauthorised imports.

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

33.8 Company reserves the right to disburse or deposit the amount so withheld to the concerned person(s) or agency or government authority, as the case may be, besides

nullifying such amount on account of loss suffered by the Company against **33.2, 33.3, 33.6** & **33.7** above.

34.0 APPLICABLE LAWS:

The Contract shall be deemed to be a Contract made under, governed by and construed in accordance with the laws of India for the time being in force and shall be subject to the sole and exclusive jurisdiction of Courts situated in Cuttack (or the Place where the contract is executed) and Principal Bench of Odisha High Court (or the High Court under whose territorial jurisdiction, the place of execution of contract falls).

This Agreement including all matter connected with this Agreement, shall be governed by the laws of India (both substantive and procedural) for the time being in force and shall be subject to exclusive jurisdiction of Courts, mentioned hereinabove. Foreign companies, operating in India or entering into Joint ventures in India, shall also be governed by the laws of India and shall be subject to sole and exclusive jurisdiction of above Courts.

The Contractor shall ensure full compliance of various Indian Laws and Statutory Regulations, as stated below, to the extent applicable, 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) The Mines Act 1952
b) The Oil Mines Regulations, 1984
c) The Employees' Compensation Act, 1923
d) The Code of Wages, 2019
e) The Contract Labour (Regulation & Abolition) Act, 1970 and the rules framed there under
f) The Employees' Pension Scheme, 1995
g) The Interstate Migrant Workmen Act., 1979 (Regulation of employment and conditions of service).
h) The Employees Provident Fund and Miscellaneous Provisions Act, 1952
i) Goods and Service Tax Act
j) Customs & Excise Act & Rules
k) Factories Act, 1948
l) Industrial Disputes Act, 1947
m) Payment of Gratuity Act, 1972
n) Environmental Protection Act, 1986 & other pollution control Acts.

Note: The above Acts are only indicative and not exhaustive. The Acts shall include the rules and regulations framed thereunder.

35.0 LABOUR LAWS:

i) Contractor shall comply with the provisions of various labour related laws, including but not limited to the Code of Wages, 2019, Employee Provident Fund and Miscellaneous Provisions Act 1952, Company's Liability Act 1938, Employees' Compensation Act 1923, Industrial Disputes Act 1947, the Maternity Benefit Act 1961

and Contract Labour (Regulation and Abolition) Act 1970, Employment of Children Act 1938, Employees' State Insurance Act, 1948 or any modifications / amendment thereof or any other law relating thereto and rules made there under from time to time.

ii) No Labour below the age of eighteen [18] years shall be employed on the work.

iii) Contractor shall not pay less than what is provided under law to labourers engaged by him on the work.

iv) Contractor shall at his expense comply with all labour laws and keep the Company indemnified in respect thereof.

v) Contractor shall pay equal wages for men and women in accordance with applicable Labour laws.

vi) If the Contractor is covered under the Contract Labour (Regulation and Abolition) Act, he shall obtain a license from licensing authority [i.e. office of the Labour Commissioner] by payment of necessary prescribed fee and the deposit, if any, before starting the work under the Contract. Such fee / deposit shall be borne by the Contractor.

vii) Contractor must obtain the PF Code from the concerned PF Authority under Employees Provident Fund and Miscellaneous Provisions Act, 1952. Similarly, Contractor must obtain ESI Code under Employees State Insurance Act.

viii) Contractor being the employer of the labours / personnel to be engaged under the contract shall be liable to pay gratuity to the labours / personnel as per the provision of the Payment of Gratuity Act, 1972 and accordingly, shall keep the Company indemnified in respect thereof. If however, Company requires to pay gratuity to such labour(s) as per the direction of the competent authority under the Act, Company shall recover such amount from the outstanding dues payable to the Contractor under the contract or any other contract(s).

ix) Contractor shall furnish to Engineer in Charge the distribution return of the number & description, by trades of the work people employed on the works. Contractor shall also submit on the 4th & 19th of every month to Engineer in Charge a true statement showing in respect of the 2nd half of the preceding month & the 1st half of the current month (1) the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them and (2) the number of female workers who have been allowed Maternity Benefit as provided in the Maternity Benefit Act 1961 on Rules made there under and the amount paid to them.

x) Engineer in Charge shall on a report having been made by an inspecting officer as defined in Contract Labour (Regulation and Abolition) Act 1970 have the power to deduct from the money due to the Contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the Contract for the benefit of workers, non-payment of wages or of deductions made from his or their wages which are not justified by the terms of the Contract or non-observance of the said regulations.

xi) The Contractor shall indemnify the Company against any payments to be made under and for the observance of the provisions of the aforesaid acts without prejudice to his right to obtain indemnity from his Sub-Contractor.

36.0 STATUTORY REQUIREMENTS:

During the tenure of this Contract nothing shall be done by the Contractor in contravention of any law, act and/or rules/regulations, thereunder or any amendment

37.0 GENERAL HEALTH, SAFETY & ENVIRONMENT (HSE) GUIDELINES:

37.1 It will be solely the Contractor'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-contractors hired by Contractor comply with the same requirement as the Contractor himself and shall be liable for ensuring compliance all HSE laws.

37.2 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.

37.3 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.

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

37.5 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 shall have the right to direct the contractor to cease work until the non-compliance is corrected.

38.0 POLLUTION AND CONTAMINATION:

The Contractor shall be liable for all surface and sub-surface pollution to the extent caused by Contractor and resulting from Contractor's operation/service or 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.

Notwithstanding anything to the contrary contained herein, it is agreed that except on the ground of willful misconduct or criminal misconduct, 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's fees") for:

a) Damage to or loss of any reservoir or producing formation; and/ or

b) Damage to 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.

39.0 STATUTORY VARIATION / NEWLY ENACTED LAW:

39.1 All duties, taxes except otherwise specified in the Contract as applicable on the closing date of bid submission as per relevant acts and rules shall be in Contractor's account. Variation in case of custom duty on CIF value declared by the bidder shall be to Company account.

39.2 In the event of introduction of any new legislation or any amendment or enforcement of any Act or Law, rules or regulations of Government of India or State Government(s) or Public Body, which becomes effective after the date of submission of Price Bid or revised price bid, if any, for this Contract and which results in increased / decreased cost of the works under the Contract through increased / decreased liability of taxes and / or duties, required to be paid by the Contractor, (other than personnel and Corporate taxes), the Parties shall agree to a revision in pricing to reflect such change subject to the production of documentary proof to the satisfaction of the Company / Contractor as applicable to the extent which directly is attributable to such introduction of new legislation or change or amendment as mentioned above and adjudication by the competent authority (applicable when disputed by Company) & the courts wherever levy of such taxes / duties are disputed by Company / Contractor.

39.3 Any increase in net amount of the duties and taxes (i.e. the amount of taxes/duties payable minus eligible credit of taxes/duties paid on input services/inputs) after the contractual completion/mobilization date during the extended period will be to the Contractor's account, where delay in completion /mobilization period is attributable to the Contractor. However, any decrease in net amount of the duties and taxes (i.e. the amount of taxes/duties payable minus eligible credit of taxes/duties paid on input services/inputs) after the contractual completion/mobilization date will be to Company's account.

39.4 The Contract Price and other prices given in the Schedule of Prices are based on the applicable tariff as indicated by the Contractor in the Schedule of Prices. In case this information subsequently proves to be wrong, incorrect or misleading, Company will have no liability to reimburse/pay to the Contractor the excess duties, taxes, fees, if any finally levied/imposed by the concerned authorities. However, in such an event, Company will have the right to recover the difference in case the rate of duty/tax finally assessed is on the lower side.

39.5 Notwithstanding the provision contained in Clause-39.1 to 39.4 above, the Company shall not bear any liability in respect of:

i. Personal taxes on the personnel deployed by Contractor, his sub-Contractor/sub-sub-contractors and Agents etc.

ii. Corporate taxes and Fringe benefit tax in respect of Contractor and all of their Sub-contractors, agents etc.

iii. Other taxes & duties including Customs Duty and GST in addition to new taxes etc. in respect of Sub-contractors, vendors, agents etc. of the Contractor.

iv. Any liability on the Contractor, which was accrued under the old law or contract, which the Contractor is obligated to pay either to the Company or to the Government Authority.

39.6 In order to ascertain the net impact of the amendment/ revisions/enactment of various provisions of taxes/duties, the Contractor is liable to provide following disclosure to Company:

i. Details of each of the input services used in relation to providing service to Company including estimated monthly value of input service and GST tax amount.

ii. Details of Inputs (material/consumable) used/required for providing service to Company including estimated monthly value of input and GST paid/payable on purchase of inputs.

39.7 The above provisions would be applicable only in case of variation in rate of taxes and duties on supply of services to OIL and not applicable on taxes and duties on input (goods and services) towards such services.

39.8 Any claim or reduction on account of change in law shall be accompanied with undertaking that the provisions of anti- profiteering clause under GST Act have been complied with.

40.0 SEVERABILITY:

Should any provision of this agreement be found to be invalid, illegal or otherwise not enforceable by any court of law, such finding shall not affect the remaining provisions hereto and they shall remain binding on the parties hereto.

41.0 COMMISSION OF MISCONDUCT / SUBMISSION OF FRAUDULENT DOCUMENT BY THE BIDDER/CONTRACTOR AND BANNING THEREOF:

The information and documents furnished by the bidder/Contractor in respect of the tender/contract are accepted by Company to be true and genuine. However, if it comes to the notice of the Company anytime either during the pendency of the tender or after award of the contract or after completion the contract that a Bidder/Contractor furnished fraudulent document/false information in relation to the subject tender/contract or committed any misconduct, appropriate action shall be taken against the Bidder/Contractor for debarment/banning of the bidder/Contractor from participating in any future tender of the Company in terms of the Company's Banning Policy, 2017 besides making the Contractor liable for other penal action including termination of on-going contract(s) at his/her risk and peril. In such event, the Bid Security/Performance Security in respect of on-going contract(s) shall be forfeited by the Company.

42.0 SETTLEMENT OF DISPUTES:

42.1 Arbitration (Applicable for Suppliers/CONTRACTORs other than PSU and MSME):

1) 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:

2) 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.

3) It is agreed and undertaken by the Parties that irrespective of country of origin of the Contractor, the arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996 and under no circumstances, the proceedings shall be construed as International Arbitration.

4) 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. 25.00 Lakh	Not applicable	Not applicable
Above Rs. 25.00 Lakh Up to Rs. 25 Crore	Sole Arbitrator	OIL
Above Rs. 25 Crore	3 Arbitrators	One Arbitrator by each party and the 3rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators.

5) 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.

6) 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.

7) Parties agree and undertake 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.

8) The arbitral tribunal shall complete the proceedings, make and publish the award within time stipulated in the Arbitration and Conciliation Act, 1996(as amended)

9) 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. Where the proceedings are put in abeyance or terminated on account of mutual settlement of dispute by the parties, the fees payable to the arbitrators shall be determined as under:

(i) 20% of the fees if the claimant has not submitted statement of claim.

(ii) 40% of the fees if the pleadings are complete

(iii) 60% of the fees if the hearing has commenced.

(iv) 80% of the fees if the hearing is concluded but the award is yet to be passed.

10) Each party shall be responsible to make arrangements for the travel and stay etc. of the arbitrator appointed 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, both parties shall equally share all expenditures that may be required to be incurred.

11) The fees and other administrative/secretarial expenses of the arbitrator(s) shall not exceed the model fee as stipulated in Schedule of the Act and such expenses shall be equally borne by the parties.

12) The Place/Seat of Arbitration shall be Guwahati or the place where the contract is executed. The venue of the arbitration shall be decided by the Arbitrator(s) in discussion with the parties. The cost of arbitration sittings shall be equally borne by the parties.

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

14) 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.

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

a) In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract (s) between Central Public Sector Enterprises (CPSEs) and also between CPSEs and Government Departments/Organizations (excluding disputes -concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution

through AMRCD as mentioned in OPE OM No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018.

b) A party wishing to commence arbitration proceeding shall invoke Arbitration Clause and refer the dispute(s) to AMRCD with a copy 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

c) Upon such reference, the dispute shall be decided by the Competent Authority appointed under the AMRCD, 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.

42.3 Arbitration (Applicable to Micro, Small and Medium Enterprise)

In the event of any dispute or difference relating to, arising from or connected with the Contract, efforts shall be made to resolve the dispute(s) amicably by mutual consultation and in case such dispute(s) cannot be resolved through mutual consultation, then same shall be resolved through the procedure as prescribed in Section-18 of the Micro, Small and Medium Enterprises Development Act, 2006

42.4 Resolution of disputes through conciliation by OEC

(Not Applicable in cases where value of dispute is less than Rs. 25 Lakhs and more than 2 Crore)

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, Company at its discretion, on its own or on the request of the Contractor, may refer the dispute to Outside Expert Committee ("OEC") to be constituted by Corporate Business Committee (CBC), OIL as provided hereunder:

a) The party desirous of resorting to conciliation shall send a notice of 30 (thirty) days to the other party of its intention of referring the dispute for resolution through OEC. The notice invoking conciliation shall specify all the points of disputes with details of the amount claimed to be referred to OEC and the party concerned shall not raise any new issue thereafter.

b) OIL shall nominate three outside experts, one each from Financial/commercial, Technical and Legal fields from the Panel of Outside Experts maintained by OIL who shall together be referred to as OEC (Outside Experts Committee).

c) Parties shall not claim any interest on claims/counterclaims from the date of notice invoking conciliation till execution of settlement agreement, if so arrived at. In case, parties are unable to reach a settlement, no interest shall be claimed by either party for the period from the date of notice invoking conciliation till the date of OEC recommendations in any further proceeding.

d) The Proceedings of the OEC shall be broadly governed by Part III of the Arbitration

and Conciliation Act, 1996 including any modifications thereof. Notwithstanding above, the proceedings shall be summary in nature and Parties agree to rely only upon documentary evidence in support of their claims and not to bring any oral evidence in the OEC proceedings.

e) OEC shall hear both the parties and recommend possible terms of settlement between the parties. The recommendations of OEC shall be non-binding and the parties may decide to accept or not to accept the same. Parties shall be at liberty to accept the OEC recommendation with any modification they may deem fit.

f) Where recommendations are acceptable to both the parties, a settlement agreement will be drawn up in terms of the OEC recommendations or with such modifications as may be agreed upon by the parties. The settlement agreement shall be signed by both the parties and authenticated by all the OEC members either in person or through circulation. This settlement agreement shall have the same legal status and effect as that of an arbitration award on agreed terms on the substance of the dispute rendered by an arbitral tribunal under Section 30 of the Arbitration and Conciliation Act, 1996.

g) OIL will share all other guidelines regarding reconciliation through OEC with the Contractor when it resorts to settlement through OEC. Both parties agree to adhere to these guidelines.

h) All the expenditure incurred in the OEC proceedings shall be shared by the parties in equal proportion. The parties shall maintain account of expenditure and present to the other for the purpose of sharing on conclusion of the OEC proceedings.

i) The OEC proceedings must be completed within a period of 03 (three) months from the date of constitution of the OEC with a provision of extension of one months, subject to mutual agreement. The Place of OEC shall be either at New Delhi or Guwahati.

j) If the parties are not able to resolve the dispute through OEC or do not opt for conciliation through OEC, the party may invoke arbitration clause as provided in the contract.

k) The parties shall be represented by their in-house employees/executives. No party shall bring any advocate or outside consultant/advisor/agent. Ex-officers of OIL who have handled the matter in any capacity directly or indirectly shall not be allowed to attend and present the case before OEC on behalf of Contractor. However, ex-employees of parties may represent their respective organizations.

l) Solicitation or any attempt to bring influence of any kind on either OEC Members or OIL is completely prohibited in conciliation proceedings and OIL reserves the absolute right to close the conciliation proceedings at its sole discretion if it apprehends any kind of such attempt made by the Contractor or its representatives.

42.5 Exclusions

Parties agree that following matters shall not be referred to conciliation or arbitration:

i) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision to initiate any proceedings for suspension or debarment or banning, or decision to suspend or to ban or to debar business dealings with the bidder/Contractor and/or with any other person involved or connected or dealing with bid/contract/bidder/Contractor.

ii) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision under the provisions of Integrity Pact executed between OIL and the Bidder/Contractor.

iii) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision to comply with any order or directive of any statutory or government authority.

iv) Any claim which is less than Rs. 25 Lakh.

43.0 COMPLETION OF CONTRACT:

Unless otherwise terminated under the provisions of any other relevant Clause or extended through written communication, this Contract shall be deemed to have been completed at the expiry of the Period specified in the contract or period of defect liability, as provided for under the Contract, whichever is later.

44.0 TERMINATION:

44.1 Termination on expiry of the contract: This Agreement shall be deemed to have been automatically terminated on the expiry of the contract period unless OIL has exercised its option to extend this contract in accordance with the provisions, if any, of this contract.

44.2 Termination of contract for death: If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies or if the Contractor is a partnership concern and one of the partners dies then unless, the Company is satisfied that the legal heir of the individual or the proprietary concern or the surviving partners are capable of carrying out and completing Contract, the Company is entitled to cancel the Contract for the uncompleted part without being in any way liable for any compensation payment to the estate of the deceased Contractor and/or to the surviving partners of the Contractor's firm on account of the cancellation of Contract. The decision of the Company in such assessment shall be final & binding on the parties. In the event of such cancellation, the Company shall not hold the estate of the deceased Contractor and/or the surviving partners of Contractor's firm liable for any damages for non-completion of the Contract.

44.3 Termination on account of Force Majeure: Unless the contract provides otherwise, either party shall have the right to terminate this Contract on account of Force Majeure as set forth in Article-31.0 above.

44.4 **Termination on account of insolvency:** In the event that the Contractor or its collaborator or its guarantor 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 or under the process of insolvency or liquidation, 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.

However, Company shall be at liberty to give the Receiver or Liquidator or Insolvency Professional Manager, as appointed by the Competent Court/Tribunal, the option of carrying out the Contract subject to its technical & financial competence and his providing a guarantee for due and faithful performance of the Contract.

44.5 **Termination for Unsatisfactory Performance**: If the Company considers that, the performance of the Contractor is unsatisfactory, or not as per the provision of the Contract, the Company shall notify the Contractor in writing and specify in details the cause of dissatisfaction. The COMPANY shall have the option to terminate the Contract by giving 15 days' notice in writing to the Contractor, if Contractor fails to comply with the requisitions contained in the said written notice issued by the Company. In the event Contractor rectifies its non-performance to the satisfaction of the Company, the option of termination may not be exercised by the Company. If however Contractor repeats non-performance subsequently, Company shall exercise the option to terminate contract by giving 07 days' notice. Such Contractor shall be put on holiday as per the Banning Policy of OIL [available at www.oil-india.in].

44.6 **Termination due to change of ownership and Assignment:** In case the Contractor's rights and /or obligations under this Contract and/or the Contractor's rights, title and interest to the equipment/ material, are transferred or assigned without the Company's written consent, the Company may at its option, terminate this Contract. Company shall not be however under any obligation to accord consent to the Contractor for change of ownership & assignment of the contract.

44.7 If at any time during the term of this Contract, breakdown of Contractor's equipment results in contractors being unable to perform their obligations hereunder for a period of 15 successive days, Company at its option, may terminate this Contract in its entirety or partially to the extent of non-performance, 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.

44.8 **Termination for delay in mobilization:** Contractor is required to mobilize complete equipment along with crew for commencement of services at the specified site within the maximum allowed number of days from the date of LOA/Notice for Mobilization as specified in the special conditions of contract. If the Contractor (successful bidder) fails to complete the mobilization as above, OIL shall have, without prejudice to any other clause of the Contract, the right to terminate the contract.

44.9 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 Article from **44.1 to 44.8** 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 of services as per the Contract up to the date of termination.

44.10 Consequence of Termination: In all cases of termination herein set forth, the relative obligations of the parties to the Contract shall be limited to the period up to the date of termination. Notwithstanding the termination of this Contract, the parties shall continue to be bound by the provisions of this Contract that reasonably require some action or forbearance after such termination.

Upon termination of this Contract, Contractor shall return to Company all of Company's properties, which are at the time in Contractor's possession.

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 personnel & materials.

Demobilization charges shall not be payable by Company in case of Article from **44.4 to 44.7**

45.0 TO DETERMINE THE CONTRACT:

In such an event (i.e. termination under Article No. 44.4 to 44.9 above), the contract shall stand terminated and shall cease to be in force from the date of such notification by the Company. Thereafter the Contractor shall stop forthwith any of the work then in progress, except those work which the Company may, in writing, require to be done to safeguard any property or work, or installations from damages, and the Company may take over the remaining unfinished work of the Contractor and complete the same through a fresh Contractor or by other means, at the risk and cost of the Contractor, and any of its sureties if any, shall be liable to the Company for any excess cost occasioned by such work having to be so taken over and completed by the Company over and above the cost at the rate/cost specified in the schedule of quantities and rates/prices.

46.0 WITHOUT DETERMINING THE CONTRACT:

In such an event (i.e. termination under Article No. 44.4 to 44.9 above), the Company may take over the work of the Contractor or any part thereof and complete the same through a fresh Contractor or by other means, at the risk and cost of the Contractor. The Contractor and any of its sureties are liable to the Company for any excess cost over and above the cost at the rates specified in the schedule of quantities and rates/prices, occasioned by such work having been taken over and completed by the Company.

47.0 ERRING/DEFAULTING AGENCIES:

Erring and defaulting agencies like bidder, Contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy dated 6th January, 2017 available in

OIL's website: www.oil- india.com. Moreover, OIL reserves the right to take legal or any other action on the basis of merit of the case.

48.0 MISCELLANEOUS PROVISIONS:

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.

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.

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 of 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.

Key personnel cannot be changed during the tenure of the Contract except due to sickness/death/resignation of the personnel or any other justified situation in which case the replaced person should have equal experience and qualification, which will be again subject to prior approval, by the Company.

(END OF SECTION – I, PART – 3)

PART - 3

SECTION – II

TERMS OF REFERENCE/TECHNICAL SPECIFICATIONS/SCOPE OF WORK

1.0 INTRODUCTION: This section establishes the scope and schedule for the work to be performed by the Contractor and describes the specifications, instructions, standards and other documents including the specifications for any materials, tools or equipment, which the Contractor shall satisfy or adhere to in the performance of the work.

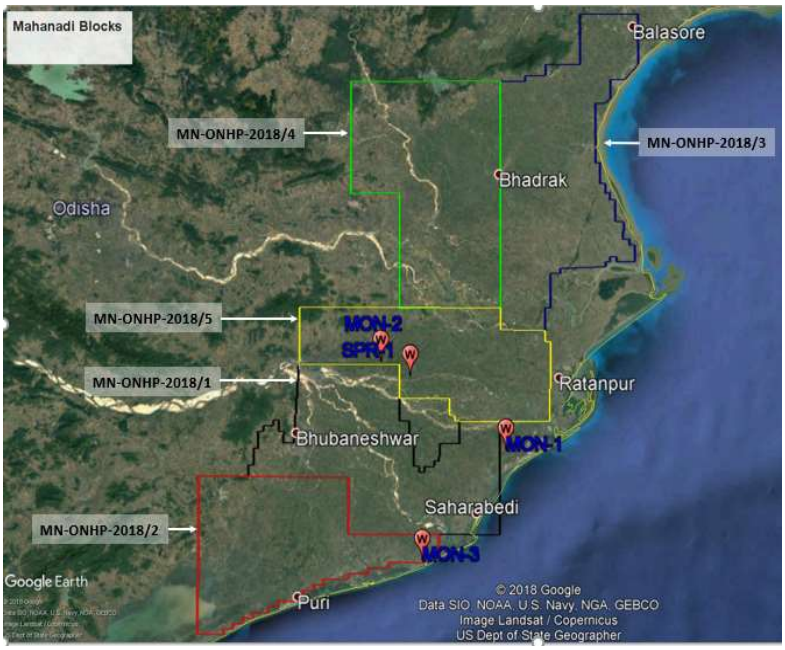
2.0 DEFINITION OF WORK: To drill onshore wells through hiring of 01 (one) No. Drilling Rig of capacity 1400HP (Minimum) with associated equipment/tools & services for an **initial period of 2(two) years with provision for extension by Maximum 1(one) year or part thereof** at Company's option at the same terms and conditions and mutually agreed rates but not higher than the original rate(s) of the contract. The wells will be either vertical holes or planned deviated holes with formation pressure to be near or above hydrostatic. **Well depths are expected to be in the range of 2000-3500 meters.** 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:

3.1 Under OALP Bid Rounds II & III, Oil India Limited has entered into Revenue Sharing Contracts with the Government of India for drilling exploratory wells at Mahanadi Basin in Odisha. The contract areas are identified as Blocks MN-ONHP-2018/1, MN-ONHP-2018/2, MN-ONHP-2018/3, MN-ONHP-2018/4 and MN-ONHP-2018/5. The primary area of the operation as planned is in Khordha, Cuttack, Puri, Jagatsinghpur, Kendrapara, Jajpur, Bhadrak, Balasore and Dhenkanal districts in the state of Odisha. However, the rig may also be moved to any other districts of Odisha where the above contract areas fall.

3.2 Company reserves the right to engage the Contractor for providing Drilling Services, during the tenure of contract, anywhere in its other operational areas in India. However, if the rig is required to be mobilized in the areas other than in the state of Odisha, the mobilization charges will be paid on mutually agreed terms and conditions.

4.0 BLOCK AREA: The Blocks **MN-ONHP-2018/1 to MN-ONHP-2018/5** of **14108.55** Sq. Km area have been awarded by the Ministry of Petroleum & Natural Gas (MOP&NG), Govt. of India, under OALP Bid Rounds II and III to Oil India Limited (OIL), A Govt. of India Enterprise (with 100% stake as the Operator) for the Blocks, for carrying out extensive & expeditious exploration for Petroleum & Natural Gas in the region.



4.1 COMMUNICATION TO THE BLOCK:

The communication to the Blocks **MN-ONHP-2018/1 to MN-ONHP-2018/5** is available through air, water, rail & road as given below:

- Nearest Airport
  Bhubaneswar: 180 Km
- Nearest Sea Port
  Paradeep : 15 Km

- Railway Station
  Bhubaneswar, Cuttack, Balasore, Puri, Jajpur Road

- National Highway: NH-5

4.2 PROPOSED CASING PROGRAM (subject to change):

Casing			Hole Size(inches)	Shoe Depth(meters)			
Size (Inch)	**Grade**	**Wt (ppf)**		**Type Well-1**	**Type Well-2**	**Type Well-3**	**Type Well-4**
20	K-55	94	26	X	X	X	325
13. 3/8	N-80	68	17.½	325	325	325	1800
9. 5/8	N-80	47	12. 1/4	800	1200	1500	3300
7	N-80	29	8. 1/2	2000	2500	3500	4500
5. 1/2	N-80	20	8. 1/2	2000	2500	3500	4500

4.3 MUD SYSTEM: 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***
20	8.5 – 9.0	Lightly treated WBM
17.½	9.0 – 9.5	Lightly treated WBM
12. 1/4	9.0 – 10.5	K_2SO_4– KOH – PHPA WBM
8. 1/2	10.0 – 12.0	K_2SO_4– KOH – Polymer - WBM

4.4 BRIEF ON GEOLOGY:

The Mahanadi Basin is a petroliferous province, characterized primarily by siliciclastic sediments of shelf margin, situated along the East Coast of Indian peninsula. Mahanadi basin, like other east coast basins of India, is a peri-cratonic, rift/extensional-passive margin basin, with number of individual rift grabens. This basin hosts thick pile of sediments, mainly ranging from Early Cretaceous to Recent.

Mahanadi Basin is situated along the East Coast of India between KG Basin to the southwest and Bengal Basin to the northeast. Geographically, the basin extends from Chilika in the southwest to Jagannathpur in the northeast. North-western margin of the basin is demarcated by outcrop of crystalline basement of Archean age and Athgarh sandstone of Jurassic-Early Cretaceous age and covered by Quaternary alluvium, while the major part of the Mahanadi

basin extends into Bay of Bengal. The lithostratigraphy, structure & tectonics of the On-land & Offshore parts of Mahanadi Basin are so different from one another that two parts are considered as two different sub basins - Mahanadi On-land & Mahanadi offshore (Shallow and Deep waters).

The on-land basin covers the Mahanadi delta lying in the state of Odisha, covering an area of about 15,500 Sq. km in districts consisting of Khordha, Cuttack, Puri, Jagatsinghpur, Kendrapara, Jajpur, Bhadrak, Balasore and Dhenkanal. The On-land part is traditionally believed to encompass deltaic plains of Mahanadi River and its tributaries. However, deltaic plains of few other major rivers viz. Brahmani, Baitarani, Budhabalanga and Subarnarekha constitute the greater Mahanadi Basin. Geographically, the basin thus extends from near Gopiballavpur on the bank of Subarnarekha River in the north-eastern side towards Chilika Lake in the southwest.

4.5 PRESENCE OF H2S: Presence of H2S is not yet recorded at the proposed areas. Accordingly, the equipment/tools etc. to be offered by the Contractor shall be for generally H2S free environment. However, provision of requisite quantity of SCBA (Self-contained breathing apparatus) units with trained personnel for dealing with any H2S/or, any other toxic gas situation to be kept handy.

5.0 SCOPE OF SERVICE:

A) The Contractor shall provide the services of 01 (One) no. of Diesel Electric Rig Package (AC-SCR or AC-VFD) with Top Drive, of 1400 HP (minimum) Draw-works input power, along with all necessary equipment and personnel as listed and carryout drilling operations including but not limited to drilling, coring, round tripping, casing servicing (thread lubrication and drifting), lowering & setting of casings, fitting and testing of well heads, well completion, Production testing including tubing trips, permanent abandonment jobs (cement plug jobs, recovery of casings and well heads) etc. as and when required, and all other associated operations including, rig up, rig down, inter-location movement etc. in accordance with the 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.

B) Apart from this, the Contractor 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 contractor.

C) The Contractor 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 contractor. However, the contractor shall be wholly responsible for rendering services as per scope of work.

D) The Contractor to provide capable and experienced Rig Crew Personnel in accordance with the list provided in the Tender Document.

E) Bit programme, mud programme, casing policy, well programme will be decided and provided by OIL.

F) **Inspection of the Rig:** Company will accept the Drilling Rig Package only after third party inspection through internationally reputed *"Third Party Inspection and Certification Agency*" namely DNV, ABS, BV, LLOYDS REGISTER and Oilfield Audit Services, India at contractor's cost as per tender specifications. 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 and Certification Agency*". The Contractor must submit the certificates from the *"Third Party Inspection and Certification Agency*" prior to mobilization.

6.0 CONTRACTOR'S EQUIPMENT:

SPECIFICATIONS OF DRILLING RIG PACKAGE: The Contractor 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 should not be less than 1400 HP, Diesel Electrical Rig (AC-SCR or AC- VFD) with Top Drive having self-elevating mast and sub-structure (as per API Standard 4F) and capable of drilling 1+1 cluster well from the same plinth.

The Drilling Rig should be rated for minimum nominal drilling depth range of 4000 m and the available horse power output of the rig engine package should be capable of running 1400 HP (minimum) Draw-works and 2(two) numbers of 1400 HP slush pumps simultaneously and complete with other associated systems for Drilling.

The drilling unit offered shall have a residual life of 7 years (minimum).

7.0 SPECIFICATIONS OF DRILLING RIG:

7.1 GROUP – I

(A) MAST AND SUBSTRUCTURE:

i) Swing lift cantilever type self-elevating mast and substructure with clear height of 142 feet to 150 feet. Rated static hook load capacity of minimum 7,70,000 lbs (770 kips) with 12 lines strung on travelling block as per API 4F specifications. Mast is to be designed for minimum 69 mph wind load with a full rack of pipe and minimum 87 mph on a bare mast. The Sub-structure should have minimum setback capacity of 400,000 lbs. simultaneously with rotary load of minimum 600,000 lbs. Crown Block capacity should be matching with the Mast capacity. OIL shall have the discretion to accept/reject Rigs with minor specification deviation.

ii) Self-elevating type sub-structure should have a clearance of minimum 25 ft from ground level to underneath of rotary table beam. Substructure should be suitable to accommodate a 1400 HP (minimum) electrically powered draw-works and 27-1/2" rotary drive unit.

iii) Mast is to be complete with raising lines, lifting lugs for raising, leveling shims, snubber unit and hydraulic jacks or better than the above conventional methods. Mast and substructure should be complete with levelling equipment for front and rear shoes and with all accessories for the operation and erection of the mast and substructure.

iv) The mast shall have a racking platform for racking at least 4000 mtrs. of 5 inches OD, 19.5 PPF, range – 2 drill pipes in thribbles, 8 stands (in thribbles) of 8" or 6.1/2" OD drill collars & 2 stands (in thribbles) 9.1/2" OD drill collars.

v) 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.

vi) The Racking board (thribbles board) shall be adjustable type and complete with suitable & effective emergency escape device (from racking board to ground). DGMS (India) approved Escape device should have a seat and a suitable braking system.

vii) The mast shall be complete with tubing support frame (belly board optional), air hoist sheave units 02 (two) Nos, sheave units for rig tongs 02 (two) Nos, sheave unit for power tong / pipe spinner 01 No, tong counter weights, guides etc.

viii) The mast shall be complete with dual stand pipe clamp for 5-inch OD stand pipes.

ix) The mast shall be complete with one air/electric powered countered balanced adjustable casing stabbing board for running casings in length range 2 &/or 3 respectively.

x) Safety climb equipment for climbing up mast ladder up to crown block shall be provided i.e. the riding ladder to crown block shall be caged (ladder rungs) and there must be two DGMS approved FPD (Fall Prevention Device) system.

xi) The Sub-structure shall be complete with tong back-up posts for rig tongs.

xii) The Sub-structure shall be complete with two flight stairways (with or without landing) one at driller's side and other at off driller's side.

xiii) Dog house/Driller's operating cabin shall be provided.

xiv) The Mast shall be complete with suitable rated crown block assembly (the rated capacity of crown block assembly should not be less than the static hook load capacity of the mast). The crown block assembly should be complete with one hanging pad eye, of suitable capacity, for hanging the offered traveling block and TDS (during slipping the

drill/casing line) with suitable wire line, shackles, etc. of appropriate length.

xv) The mast & sub-structure should be complete with combination ramp (v-door) & stairs, catwalk (consisting of two sections) with sufficient quantities of pipe racks for racking casing and other tubular (provision for making doubles at rack & hoisting the same with T/Block to be kept). Rig package facilitating Casing storage at ground shall also be acceptable.

xvi) The derrick floor, racking board, belly board & crown platform shall be complete in all respects and provided with suitable toe boards and safety railings.

xvii) **BOP TROLLEY BEAMS & BOP HANDLING SYSTEM** - One (1) set of BOP trolley beams designed to pin under the substructure floor allowing for front entry of BOP stack complete with one (1) set of manually/pneumatically operated BOP handling system with necessary trolleys, hoist, etc. with a system capacity of not less than 20 Short Ton (18.14 MT or 40,000 lbs) and having vertical lift not less than 4.3 M (14 feet).

xviii) 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. Every alternate mast section to be painted with red and white paint. **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**.

xix) All Light fittings & junction boxes used in the rig mast shall be FLP (Ex-d) type. The light fittings shall be energy efficient, preferably LED type. Four (04) numbers FLP (Ex-d) type night aviation warning lights are to be fitted at the top of the mast. These lights shall be operational at all times from the moment the mast is raised and till the mast is finally lowered irrespective of well operation. As per IAF requirements, specifications for the above lights are –

Colour of light: Red (Fixed), Light intensity: 10cd.

Additionally, one daylight flasher type aviation warning light is to be fitted at the top 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 flying zone near IAF airfields. As per IAF requirements, specifications for the above light are –

Colour of light: White (Flashing), Light intensity: 20000cd, Flashes per minute: 20-60 flashes per minute.

xx) The voltage inside the mine shall not exceed 250V (between phases) if neutral is connected to earth. [Ref: CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.102(ii)(b)].

xxi) The mast shall be provided with telescopic lightening arrestor. The lightening arrestor shall be grounded with continuous cable at two separate & distinct points.

(B) DRAW-WORKS:

i) Input horsepower rating 1400 HP (minimum), with minimum nominal drilling depth rating of 4000 M with 5-inches OD drill pipes of 19.5ppf.

ii) Hoisting capacity should be minimum 700,000 lbs with 12 lines.

iii) Twin drum draw-works having main drum lebus grooved for 1.3/8" or 1.1/2" drilling (casing) lines. Single drum draw works is also acceptable.

iv) The Draw-works to be operated by 2 numbers electric motors of suitable capacity, either AC or DC, with inertia brake. The motors shall be complete with suitable blowers and ducting.

v) Main drum brake should have maximum wrap - around feature, complete with circulating type brake cooling system, energizing type brake band with maximum lining contact. The brake band should be uniform by flexible all round with integral water jacket brake drum and with built in water passage from driller's end to rotary end or should have compatible disc brake 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 should be capable of holding full load at zero speed indefinitely.

vi) The Draw-works to be complete with minimum two braking systems i.e. one suitable auxiliary brake (electro-magnetic type in case of AC-SCR & in case of AC-VFD rig, braking is to be performed with AC motors by generating power in to braking resistors) and one suitable primary / dynamic / parking cum emergency brake (Band type or multi caliper type for AC-SCR rig and pneumatically operated multi disc type for AC-VFD rig. The brake should be complete with all controls, fail safe system, dedicated cooling system, alarm, etc.).

vii) Suitable pneumatically/hydraulically operated/actuated make up and break-out catheads either attached to the Draw-works or independent. The cathead should match 1400 HP (minimum) draw-works.

viii) Draw-works to have 4 forward speeds, 2 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.

ix) Draw-works should be equipped with One (1) pneumatically activated Twin-stop Device – Crown Saver to prevent collision between traveling block assembly and the crown block assembly, Floor Saver to prevent collision between the traveling block assembly and the drill floor. The device should be complete with override & reset buttons.

x) Neutral brake or Inertia brake should be available to stop rotation of the draw-works or any other arrangement as per design of the Draw-works.

xi) Draw-works should either have a Rotary counter shaft assembly with matching clutch and inertia brake for powering the rotary table or independent rotary drive system. The rotary drive system should have forward & reverse speed options.

xii) Properly designed Driller's console incorporating all functions to carry out drilling operations safely and for controls of the rig. Pressurized type driller's console and foot throttle should be used in the rig. Air purging system should be provided for the above.

xiii) Draw-work Catheads (if fitted with) shall be complete with the followings;

(a) Cathead rope rollers, catline grip and guide sheave.
(b) Tong line guards
(c) Two wireline turn back rollers or as per rig design.
(d) Suitable in-built lubricating system & provision for manual lubricating point (wherever applicable)
(e) Spinning chain device with adequate no. of chains.

However, Draw-works may also be without cathead. In this case, separate facility for making up & breaking-up of tubular like hydraulic cathead and pipe spinners/iron rough neck or similar facility shall be available in the rig. The minimum operating line pull should be 11.8 MT @ 2000 psi to 14.7 MT @ 2500 psi. The unit should be complete with suitable power unit, remote control panel (for selecting cathead 1 or 2) & all required lines, accessories, fittings, etc.

xiv) All auxiliary motors viz. Blower, Lube oil etc. and other electrical equipment used with Draw-works shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN:60079 standard. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

xv) All electrical equipment used inside Driller’s cabin (if applicable) shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standard. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

xvi) Properly designed Driller’s console should be suitably located incorporating all required functions to carryout drilling operations safely and with ease.

xvii) Draw-work shall be complete with suitable in-built lubricating system & provision for manual lubricating point (wherever applicable).

(C) TOP DRIVE SYSTEM (Electrical / Hydraulic Top Drive):

(i) Hook Load Capacity: - 350 Ton (Minimum)

(ii) Power: - A.C Motor of suitable rating, non-sparking, flame proof and suitable for hazardous area classification/location as per standard.

(iii) Cooling System: - Motor should have the Cooling System to operate with ambient temperature up to 50 degree centigrade.

(iv) Torque Requirement: - Maximum Continuous torque- Not less than 30000 ft-lbs at 100 RPM.

(v) RPM range: 0 – 150 (Minimum).

(vi) Breakout Torque: 50000 ft-lbs (Minimum).
(vii) Rated working pressure: 5000 psi

(viii) Top Drive System control panel shall be housed in Driller's Cabin including RPM & Torque controls.

(ix) Upper IBOP: 10000-psi WP with hydraulic remote actuator.

(x) Lower IBOP: 10000 psi WP with saver sub (bottom connection 4.½ - IF Pin).

(xi) Lower IBOP saver sub: minimum 02 (two) nos.

(xii) All auxiliary motors viz. Blower, Lube oil etc. and other electrical equipment used with Top drive system shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standards. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

C.1 ACCESSORIES FOR TOP DRIVE UNIT:

(i) One (1) pair of 350 Tons (317 MT) capacity weld less links of suitable size & length suitable for lowering casing with spider slip and elevator attached.

(ii) One (1) pair of 500 Tons (454 MT) capacity weld less links of suitable size & length suitable for lowering casing with spider slip and elevator attached

(iii) Any other item for running the top drive unit.

Note:

(i) Electrical power required to run the top drive unit should be made available from rig's electrical power system.

(ii) In case of any malfunctioning of the 'Top Drive' system, operation shall have to be continued with the Kelly/Swivel/Rotary system as contingency.

(D) ROTARY TABLE AND ACCESSORIES:

Rotary table shall meet API Spec 7K with minimum 27½" opening and static load capacity of minimum 350 Tons, complete with the following. All required accessories shall be provided by the Contractor. The rotary table shall be either chain driven from draw-works or having independent rotary drive unit or combination of chain and independent motor drive.

The motor for Rotary Drive (in case of Independent Rotary Drive) shall be complete with suitable blowers and ducting. All auxiliary motors viz. Blower, Lube oil etc. and other electrical equipment used with IRD shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standards. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

i) Kelly bushings complete with roller assembly for 5.1/4" or 6" hexagonal Kelly & 2.1/2" or 3" square Kelly (minimum 1 no. each).

(ii) Master bushing (1 no. of solid or split type) to suit the Rotary table.
(iii) Suitable API insert bowls Nos. 1, 2 & 3 respectively.

(iv) Complete bushing arrangement for handling 20" casing, 13.3/8" casing, 9.5/8" casing, 7" casing / liner, 5.1/2" casing, 5" liner, 5" OD drill pipe, 3.1/2" OD drill pipe, 2.7/8" OD drill pipe and 3 ½" & 2.7/8" OD tubing and all other tubular specified elsewhere in this section.

(v) Bit breakers & adapter plates to suit above master bushing/Rotary table.

(vi) All sizes of lifters and handling tools for bushings & inserts.

(E) ROTARY SWIVEL (as per API Spec. 8C):

The rotary swivel shall meet, but not be limited to, the following minimum specification:

(i) Working pressure (minimum) - 5000 psi

(ii) API Dead-load rating (minimum) – 350 Tons

(iii) Gooseneck API line pipe thread for Rotary hose - 4" (102 mm) Female

(iv) Swivel pin connection – preferably - 6.5/8" API Reg L.H.

(v) Swivel should be equipped with 6.5/8" Reg L.H. API double pin sub suitable for connecting it on to Kelly spinner / Kelly.

(vi) Swivel should be equipped with Bail bumper support.

(vii) Additionally, suitable crossover sub shall be provided to connect the swivel to 2.1/2" or 3" square Kelly as offered.

(viii) All necessary fittings for connecting rotary hoses with safety clamps installed.

(F) TRAVELING BLOCK (as per API Spec. 8C):

The traveling block shall meet, but not be limited to the following minimum specification:

(i) Minimum API working load rating = 350 Tons.

(ii) Number of sheaves = 6 Nos. grooved for 1-3/8" or 1-1/2" casing line.

(G) DRILLING HOOK (as per API Spec. 8C):

The drilling hook shall meet, but not be limited to the following minimum specification:

(i) Minimum API working load rating = 350 Tons.

(ii) Traveling block and hook should be independent.

(iii) Drilling hook should be compatible with the swivel & other hoisting equipment.

(iv) Hook should have built in hydraulic snubber, convenient rotation lock, safety positioner etc.

(H) DRILL PIPE SPINNER:

One (1) pneumatically operated Drill Pipe Spinner, roller type with right-hand & left-hand rotation having following Specifications:

(i) Size Range (tubular): Should cover from 2-7/8" to 5" OD

(ii) Speed (with 5" diameter pipe): Around 100 RPM

(iii) Stall Torque (with 5" diameter pipe): Around 900 ft. lbs. (1215 N-m)

(I) KELLY SPINNER:

One (1) pneumatically operated Kelly Spinner with both right-hand & left-hand rotation. The Kelly Spinner should have 6.5/8" (168.3 mm) API Regular L.H. Box-up & pin-down connection. Kelly Spinner should be complete with control valve, air filter-lubricator and all required fittings.

(i) Speed: Around 100 RPM

(ii) Maximum Stall Torque: Around 1200 ft. lbs. (1622 N-m)

(J) SLUSH PUMPS:

(i) Three numbers of triplex single acting, slush pumps with input HP rating of minimum 1400 HP each. Pumps should be suitable for continuous heavy-duty application & shall meet discharge (GPM) & pressure requirements for proposed drilling operations. The motors for slush pump shall be complete with suitable blowers and ducting.

(ii) Minimum requirement of working pressure 5000 psi. Capacity.

(iii) Pumps should be equipped with easily replaceable piston and liner assemblies to meet varied requirement of drilling operation. Adequate number of various sizes of new and unused liners, pistons & other expendables 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.

(iv) 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, jib crane with trolley, pull lift chain hoist, strainer cross etc.

(v) All auxiliary motors viz. Blower, Lube oil etc. and other electrical equipment used with slush Pump shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standards. Details of certification/test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

(vi) Light fittings (if any) fitted near the slush pump shall be FLP (Ex-d) type.

(vii) Motor driven centrifugal Supercharging pumps compatible to Mud Pumps and capacity to handle Mud up to 20 ppg. with appropriate independent suction and delivery manifold mounted on an oil field skid. Super charger motors and other auxiliaries viz. junction boxes, PBS etc. shall be FLP (Ex-d) type. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

(viii) All the mud pumps shall be connected & hooked up with PCR in all respect for continuous operations in parallel or independent modes whenever required. Remote PBS placed in hazardous area should have intrinsically safe circuits with a maximum of 30 Volts. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 102(iv)].

(ix) Nature of pumping job should include, but not limited to, pumping of drilling fluids, completion fluids, pre-flushes, cement slurries, water - both treated and plain.

(x) One remote electrical control panel to operate the rig slush pumps should be installed at a suitable place near slush pumps for operation and control of the pumps by the Cementing Engineer.

(xi) The Bidder has to submit Performance data sheet of the offered pumps along with detailed technical specification of slush pumps.

(xii) Drive media (chain or belt) must be specified by the bidder.

(xiii) Each slush pump should be completed with one Pressure gauge (preferably of OTECO Make), 0 - 6000 PSI range with 2" (50 mm) line pipe female connection and a 2" (50 mm) flex seal valve (preferably of OTECO Make) for isolation of the gauge.

(xiv) Detailed specification of DC/AC motor shall be provided. Motors for Slush pump shall be complete with blowers & ducting.

(K) SUCTION AND DELIVERY SYSTEM:

(i) Adequate suction piping & fittings must be available.

(ii) Necessary piping suitable for the super charging by each super charger pump to each of mud pumps.

(iii) The delivery fittings (isolation valves, flanges, hammer unions, etc.) must be of API standard 5000 psi rating.

(iv) Suction hoses should interconnect between Pumps No. 1, No. 2 & No. 3 respectively and the suction lines shall have suitable valves in between.

(v) Suitable length of 5000 psi WP vibrator hose.

(vi) Rig pump delivery manifold shall be connected to the vibrator hoses through rigidly supported strainer cross to prevent larger particles from entering the drill string.

(vii) There shall be 5000 Psi working pressure gate valve on each mud delivery manifold for isolating each slush pump.

(viii) Pressure bleed off line with valve from each slush pump should be provided to the active mud system. The HP bleed line to be anchored properly to avoid vibration and prevent accident.

(ix) The HP safety relief valve from each slush pump should be provided to the active mud system. The HP safety relief line to be anchored properly to avoid vibration and prevent accident.

(x) The 5000 Psi pulsation dampeners on each pump shall be complete with suitable pressure gauge, charging hose assembly and charging gas for charging.

(xi) Required length of intermediate 5000 psi WP delivery pipes to connect all the slush pumps independently to the stand pipes should be available.

(xii) Adequate length of delivery pipes for drilling 1 + 1 cluster wells must be available. Delivery pipes must be of API 5L specifications.

(xiii) Necessary anchoring arrangement of all high-pressure delivery lines to be provided.

(xiv) Cameron or equivalent 5" OD 5000 psi WP dual stand pipe of suitable length with "H-manifold" to match the operating conditions with range 2 drill pipes complete with pressure gauge of 5000 psi, gooseneck bend, hammer union or uni-bolt couplings for making up rotary hose with safety clamp attached.

(xv) Two (2) rotary hoses of approximately 3.1/2" ID, 5000 psi working pressure with suitable length & connection to make up on to the standpipe and rotary swivel / top drive unit as per API spec. 7K with Safety Clamps. The length of Rotary hose should suit the rig for drilling operations.

(xvi) All delivery lines and fittings shall be NDT inspected as per API standard &/or OISD standards every 6 months of drilling. The Contractor shall also provide documentary evidence of API standard &/or OISD standards inspection carried out on delivery lines and fittings at the time of mobilization.

(L) POWER PACK:

Diesel electric AC-SCR or AC-VFD system complete with the following:

(i) Engines – Minimum 4 (Four) Nos. Turbocharged, after cooled, air start, diesel fueled Oilfield engines (Approximate Minimum Combined Rating of 4500 HP). Each power pack

should be complete with matching alternator, 50 Hz. The fuel for the engines should be freely and easily available in India.

(ii) The power packs should have CPCB approved weather proof acoustic enclosures.

(iii) Stack heights shall conform to latest CPCB guidelines for DG sets of above 800KW (Environment Protection Act 1986) and shall have suitable emission monitoring/measuring arrangement. The engines should comply with the latest emission norms.

4. 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 – minimum 03 Nos. & maximum 06 Nos. motor at their respective rated capacity. The motors shall be complete with suitable blowers and ducting.

5. All the four alternators should be able to synchronize to same bus and share load equally.

6. AC/SCR or AC/VFD System – Suitable AC/SCR or AC/VFD systems of reputed make.

7. The above power pack shall conform to the following:

a) Power pack and SCR House or AC-VFD system control room to be place outside hazardous area, i.e. at a distance of 32 meters (Minimum) from the well centre.

b) All components shall be suitable for following ambient conditions:
(i) Temperature: Max. 50 deg. C & Min. 05 deg. C
(ii) Humidity: Max. 95% & Min. 60%
(iii) Altitude: Approximately between 50 M to 200 M above mean sea level.

c) Suitable de-rating factor shall be taken into account while choosing electrical/electronic components for high ambient temperature condition.

d) Engine cooling system shall be designed to withstand above temperature condition and the radiators shall be suitable for max. 50 deg. C ambient temperature.

e) Adequate air cleaning system and filters shall be provided on all engines to protect these from dust.

f) Power pack and electrical controls of the rig shall be complete in all respects to carry out drilling operations to the objective depth. The system shall meet the detailed technical specifications of rig electric system furnished in this document.

g) All DC motors or AC VFD Motors shall have blowers with suitable ducting & filter System.
h) Electrical system shall be provided with all necessary cables and cable trays with grasshopper arrangement to the derrick floor.

(M) POWER CONTROL ROOM:

The PCR should be suitable for diesel electric AC-SCR or AC-VFD system.

(i) Rig package shall be complete with all electrical control room, Main PCR with 'SCR' cubicles or 'VFD' panels, Auxiliary control PCR/AC power control room to match the auxiliary loads of mud system, water system, fuel system and air system mentioned in this section. Bidder may also quote for one single PCR, if the rig design permits. However, bidder should provide physical dimensions and weight of all the PCRs offered, along with the bid.

(ii) SCR/VFD System - Suitable SCR/VFD system should be of reputed make. Bidder should indicate detailed technical specifications in techno-commercial bid.

(iii) Bidder to submit the layout diagram of rig along with their offer showing the placement of power pack at a minimum distance of 32m from well head.

(iv) Suitable arrangement should be available for running of Draw-works and 02 numbers of slush Pumps simultaneously if required.

(v) SMOKE DETECTION AND FIRE ALARM SYSTEM: All the PCRs shall have Smoke detection and Fire Alarm System as per requirement of OISD Std. No: 216 for Electrical Safety. Following shall be the scope of supply for the Smoke detection and Fire Alarm System:

(a) Smoke detector: Photoelectric or Ionized type: minimum 2 nos. per PCR.
(b) Control Panel with Manual call Point (MCP)
(c) Internal house buzzer
(d) External house Hooter

M.1 DRILLING MOTORS:

(i) Adequate numbers of motors: 2 or 3 nos. for operation of draw-works and minimum 01 no. each per slush pump at their respective rated capacity. Each motor shall be complete with suitable blower and ducting.

(ii) Bidder shall provide details of all such drilling motors while quoting.

M.2 OTHER CONDITIONS FOR ELECTRICAL EQUIPMENT:

(i) All outdoor equipment shall be weather proof with IP 55 protection as per India standards.

(ii) Electrical system shall be provided with all necessary cables, cables trays and grasshoppers to the derrick floor.

(iii) Explosion proof and vapour types LED/fluorescent/mercury vapour lighting system shall be used for lighting the mast and substructure.

(iv) Lighting fixture shall match API specification and the Mines Act, 1952 and its subsequent amendments and Oil Mines Regulation 2017.

(v) The lighting system shall cover but not be limited to the following areas: i.e. lighting the mast and substructure, rig floor, power packs, power control room, plinth area, mud pumps, generator sheds, 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.

(vi) Fixing arrangements of outdoor luminaries shall be such that this can be installed and dismantled quickly and easily for transportation during the inter-location movement.

(vii) Necessary provision for supplying power including electrical, to any other utility unit(s) including OIL's Service providers shall be provided by the Contractor whenever required.

(N) AUXILIARY GENSETS:

(i) Offer shall include smaller gensets suitable for producing and supplying AC power when main engines are shutdown.

(ii) Bidder shall provide details of such gensets in their offer.

(iii) Such gensets must meet all applicable CPCB norms.

(O) EMERGENCY HOOTER: The rig should be equipped with one emergency hooter.

(P) EMERGENCY SHUT OFF SYSTEM:

An emergency shut off device shall be located in driller's panel and at suitable strategic location. Separate emergency shutdown system shall be provided for generator shut down and drive system shut down.

(Q) EMERGENCY ALARM:

An electrically operated emergency alarm with provision for operating the same from driller's console should be provided.

(R) AUTOMATIC FIRE DETECTION AND SUPPRESSION SYSTEM (AFDSS):

All Powerpack engines should have automatic fire detection and suppression system

(S) CELLAR PUMPS:

Gorman Rupp make diaphragm pump or similar pump driven by explosion proof electric motor complete with all suction and delivery lines, for cellar cleaning purpose. Alternately, pneumatic diaphragm pump capable of handling slurry and to take suction from cellar bottom (6.5 ft to 7ft) and capable to build up 30ft head is also acceptable. Pump should be suitable for class I, division 2 hazardous areas (as per OSHA) or Zone-I (as per DGMS guideline) and gas group I, IIA & IIB and with Flexible coupling.

(i) Cellar pump motor and other auxiliaries viz. junction boxes etc. shall be FLP (Ex-d) type. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

(ii) Remote PBS placed in hazardous area should have intrinsically safe circuits with a maximum of 30 Volts. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 102(iv)].

(T) CAGED LADDER, RIDING BELT, FALL ARRESTOR, and EMERGENCY ESCAPE DEVICE ETC.: The riding ladder to crown block shall be equipped with fall arrestor. A suitable riding belt to be provided to meet any emergency or to carry out repairs above derrick floor. Suitable & effective emergency escape device from racking board to ground shall be provided. All safety guidelines will be guided by OMR'2017.

Note for Group - I: Contractor shall provide maintenance schedules as per OEM of all the critical items like Draw-works, TDS, mud pumps, IC engines etc. prior to completion of mobilization.

7.2 GROUP – II

1) 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 Contractor. The wellhead housing will be 20.3/4" x 3M or 13.5/8" x 5M. The cellar depths will be around 4½ ft (for 5M) or 6½ ft (for 10M) for different wells depending upon the well head configuration.

FLANGED SIZES AND PRESSURE RATINGS OF PLANNED WELL HEADS

5,000 psi Well Heads	10,000 psi Well Heads
Housing: 13.5/8" x 5000 psi	Housing: 20.3/4" x 3000 psi
Casing Spool: 13.5/8" x 5000 psi to 11" x 5000 psi	Casing Spool: (i) 20.3/4" x 3000 psi to 13.5/8" x 5000 psi

	(ii) 13.5/8" x 5000 psi to 11" x 10000 psi
WF Spool: 11" x 5000 psi to 7.1/16" x 5000 psi	WF Spool: 11" x 10000 psi to 7.1/16" x 10000 psi

(A) BOP STACKS / SPOOLS:

(i) 21.1/4" x 2M or 20.3/4" x 3M Annular BOP (Cameron / Cameron-Schlumberger / Shaffer / Shaffer–NOV / Hydril / Hydrill- GE / WOM only), 1 number.

(ii) 21.1/4" x 2M or 20.3/4" x 3M Drilling Diverter spool with 2 (two) nos. of 9" x 1000/2000 psi side outlets and around 30" overall length to be used with 21.1/4" x 2M or 20.3/4" x 3M Annular BOP respectively. In case 21.1/4" x 2M Annular BOP along with 21.1/4" x 2M Drilling Diverter spool is offered, a suitable double studded cross-over flange or cross-over spool i.e. 20.3/4" x 3M to 21.1/4" x 2M complete with all required studs, nuts, ring joint gaskets, etc. should be provided for installation of 21.1/4" x 2M Drilling Diverter spool over the 20.3/4" x 3M Casing Head Housing.

(iii) Remotely operated ball valves, HCR valves etc. complete with all necessary fittings to be used with the 20.3/4" x 3M or 21.1/4" x 2M BOP stack. Diverter line has to be extended preferably 90 meters away from the well bore for safe disposal of gases to the atmosphere.

(iv) One (1) 13.5/8" x 5000 psi Annular/Spherical BOP with bottom flange of 13.5/8" x 10,000 psi Working Pressure (Cameron/Cameron-Schlumberger/Shaffer/Shaffer–NOV/Hydril/Hydrill-GE/ WOM only). In case the bottom flange of BOP is 13.5/8" x 5000 psi then a suitable double studded adapter flange for conversion to 13.5/8" x 10,000 psi is also acceptable.

(v) One (1) double ram BOP, 13.5/8" x 10,000 psi (Cameron/Cameron-Schlumberger/ Shaffer/Shaffer–NOV/Hydril/Hydrill-GE/WOM only) having top & bottom flange of 13.5/8" x 10,000 psi Working Pressure with one set of blind ram, one set of 9.5/8", 7", 5.1/2", 3.1/2" & 2.7/8" pipe rams and two sets of 5" pipe rams or one set of 5" pipe ram along with one set of Top seal plus front packer elements (Two sets of Variable Bore Ram assemblies covering the range from 4.1/2" to 7" will also be acceptable). The BOP shall be complete with at least four (4) 3.1/16" X 10,000 psi flanged side outlets (i.e. two beneath each set of ram), ring joint gaskets, blind flanges and required stud & nuts.

(vi) One (1) single ram BOP, 13.5/8" x 10,000 psi (Cameron/Cameron-Schlumberger/ Shaffer/Shaffer–NOV/Hydril/Hydrill-GE/WOM only) having top & bottom flange of 13.5/8" x 10,000 psi Working Pressure with one set of blind ram, one set of 9.5/8", 7", 5.1/2", 3.1/2" & 2.7/8" pipe rams and two sets of 5" pipe rams or one set of 5" pipe ram along with one set of Top seal plus front packer elements (Two sets of Variable Bore Ram assemblies covering the range from 4.1/2" to 7" will also be acceptable). The BOP shall be complete with at least two (2) 3.1/16" X 10,000 psi flanged side outlets (i.e. beneath the set of ram), ring joint gaskets, blind flange and required stud & nuts.

(vii) One (1) double ram BOP 7.1/16" x 10000 psi (Cameron/Cameron-Schlumberger/ Shaffer/Shaffer–NOV/Hydril/Hydrill-GE/WOM only) having top and bottom flange of 7.1/16" x 10,000 PSI Working Pressure with 3.1/2" & 2.7/8" pipe and blind rams. The BOP shall be complete with at least 4 (four) 2.1/16" x 10,000 PSI flanged side outlets (i.e. two beneath each set of ram), ring joint gaskets, blind flanges and required stud & nuts.

(viii) Drilling Spools (13.5/8" x 10,000 psi & 7.1/16" x 10,000 psi), Spacer spools, Change Spools or double studded cross over flange with all accessories and complete with all required studs, nuts, ring joint gaskets, etc. for nipple-up above BOPs with the well heads mentioned above to be provided.

(ix) All 5M & 10M rated BOPs should have crossover as required (Adapter flange to match 5000 and 10000 psi wellheads), complete with all required studs, nuts, ring joint gaskets, etc.

(x) The Contractor shall provide the following:

(a) New and unused Ring joint gaskets for all flanges with sufficient quantity as spares.

(b) Adequate number of studs & nuts for all flanges and hydraulic/pneumatic torque wrenches to suit all nuts. Hammer wrenches to suit all nuts should also be provided as back-up.

(c) Operational spares for Contractor's BOPs both annular and ram, including ram & ram sub-assemblies of sizes to suit various tubular sizes including blind ram.

(d) Annular BOP sealing element.

(e) Maintenance / overhauling / repair services for above BOPs.

(xi) Drilling spool:

(a) One (1) 20.3/4" x 3000 psi (around 30" high) with 2 flanged side outlets of size 3.1/16" having 2" or 3" female line pipe threads in the same horizontal plane but in opposite directions. The spool shall be complete with ring joint gaskets, studs & nuts, blind flange/bull plug (for side outlets).

(b) One (1) 13.5/8" x 10,000 psi (18" to 24" high) with 2 flanged side outlets of size 3.1/16" x 10,000 psi WP in the same horizontal plane but in opposite directions for hooking up choke / kill lines. The spool shall be complete with ring joint gaskets, studs & nuts, blind flanges.

(c) One (1) 7.1/16" x 10,000 psi (18" to 24" high) with 2 flanged side outlets of size 2.1/16" x 10,000 psi WP in the same horizontal plane but in opposite directions for hooking up choke / kill lines. The spool shall be complete with ring joint gaskets, studs & nuts, blind flanges.

(xii) One (1) Adapter / crossover spool 13.5/8" x 5,000 psi to 13.5/8" x 10,000 psi with necessary ring joint gaskets, studs & nuts.

(xiii) One (1) Double studded adapter flange/adapter spool 11" x 5000 psi to 13.5/8" x 10,000 psi with necessary ring joint gaskets, studs & nuts.

(xiv) One (1) Double studded adapter flange/adapter spool 11" x 10000 psi to 13.5/8" x 10,000 psi with necessary ring joint gaskets, studs & nuts.

(xv) One (1) Double studded adapter flange / adaptor spool 11" x 10000 psi bottom to 7.1/16" x 10,000 psi top with ring joint gaskets, studs & nuts.

(xvi) One (1) Double studded adapter flange / adaptor spool 11" x 5000 psi bottom to 7.1/16" x 10,000 psi top with ring joint gaskets, studs & nuts.

(xvii)
(a) Companion flanges of appropriate sizes and numbers and suitable for all kill, choke, check valves and lines etc.

(b) Companion /suitable flanges for 3.1/16" to 1.13/16" and 3.1/16" / 3.1/8" to 2" line pipe female thread.

(xviii) All BOPs, spools, flanges, etc. shall be complete with sufficient numbers of studs with nuts & ring joint gaskets.

(xix) Suitable risers with provision for hole filling line.

(xx) Poor boy swivel rated at 10000 PSI WP with compatible Rotary hose & Drill pipe connections.

(xxi) The Contractor shall bring adequate quantity of studs, ring joint gaskets and wrenches for hooking up all the above sizes of stacks and also for replacement of damaged ones.

(xxii) The ultimate responsibility of making the well head complete lies with the Contractor. Contractor shall identify and bring all other items, which are not mentioned above but required to carry out drilling operation. (Well head stack-up drawing can be provided to the Contractor prior to mobilization).

(xxiii) Bidder should provide a schematic diagram with the dimensions of BOP stacks for different sizes and stages of completion.

(xxiv) All above BOPs should be hydraulically operated with manual locking arrangement.

(xxv) BOPs to be installed, tested & operated as per API RP53. All Adapter flanges, spools, DSAs, flanges, etc. shall be as per API Spec 16A, Latest Edition.

Note: BOPs should be either new or overhauled & certified and tested by the manufacturer. The certificate should have validity period covering the primary duration of the contract and should not be older than 01 Year.

(B) CHOKE & KILL SYSTEM (As per API Spec. 16 C):

(i) 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, including control console mounted at derrick floor showing all necessary parameters.

(ii) The drilling spool should have side valves consisting of two each of manually operated and hydraulically operated gate valves, on two sides, size - 3.1/16" x 10,000 psi along with one number of check valves on kill line.

Or

The drilling spool should have side valves consisting of two each of manually operated and hydraulically operated gate valves, on two sides, with one size - 3.1/16" x 10,000 psi (For Choke line) and 2.1/16" x 10,000 psi (For Kill line) along with one number of check valves on kill line.

(iii) BOP side valves: One each gate valve and check valve on kill lines side, size 3.1/16" x 10,000 psi.

(iv) 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).

(v) 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 Chicksan hoses.

(vi) Adequate number of 2" ID x 10000 psi Chicksan hoses for hooking up well killing pump, test lines, emergency kill line etc.

(vii) 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):

The following items/arrangements are to be available as part of BOP control unit:

(i) 1 (ONE) number reputed make skid mounted accumulator & Control Unit for BOP, 3000 Psi WP to suit BOP and 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 about 100 ft. away from the well. The unit shall consist of adequate number of accumulators of 11 or 15 gallons capacity each, & complete with necessary pressure actuator switches to make unit both automatic & manual. Bidder to forward the work sheet justifying the reservoir capacity & accumulator capacity along with the techno-commercial bid.

(ii) Arrangements for charging the accumulators with nitrogen, as and when required.

(iii) BOP control unit shall be complete with electrical and air operated pressurizing system, capable of pressurizing up to 3000 psi as per API Spec 16D guidelines.

(iv) Sufficient number of hydraulic accumulators, adequate capacity reserve tanks and all necessary fittings for safe operation of the BOP stack as specified earlier.

(v) BOP remote control unit with graphic visual display, at least one on the derrick floor and another one on the opposite side, at least 100 feet away from the well bore. Also, Electro-pneumatic remote control panel to operate BOP control unit is also acceptable.

(vi) All electrical items should be suitable for hazardous area, zone-1 Gas Group I & II.

(vii) Sufficient number of high pressure control lines shall be made available in pipe rack for connection between BOP & control Unit placed 100 feet away from well bore. Also adequate length of air hose bundles/electrical cables (for electro-pneumatic remote control panel) for connection of both remote control panels.

(viii) BOP motor and other electrical equipment viz. starter, junction box, PBS etc. used with BOP system shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standards. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

(D) WELL CONTROL ACCESSORIES & TESTING UNIT:

(i) Two numbers Upper Kelly Cock suitable for 6.5/8" R connection and two numbers Lower Kelly cock suitable for NC 50 (4.1/2 IF) drill pipe connection.

(ii) IBOP with 4.1/2" IF connections with necessary cross-over subs for 6.5/8" R connection and IBOP with 3.1/2" IF (NC 38) connections.

(iii) FOSV, Pressure rating 10000 psi WP for offered drill strings and for 2.7/8" & 3.1/2" EUE Tubing (02 numbers for each size).

(iv) One (1) set of Portable High Pressure Testing Unit having a nominal working pressure of 15,000 psi (1055 Kg/sq.cm.) should be provided by the contractor for pressure testing of BOPs & various equipment as & when required. The unit should consist of the following:

Suitable pneumatic pump(s), High pressure testing manifold complete with 0-20,000 psi gauge, high pressure test stump for testing BOPs, all required valves (inclusive safety &

bypass), high pressure fittings, etc., fluid reservoir, 0-15000 psi recorder with charts, 20,000 psi rated test hoses with all required fittings, etc.

(v) One number each of 5" & 3.1/2" inside BOP for making up with drill pipe, having pressure ratings of 10,000 PSI with matching thread connections.

(vi) Cup Testers for testing 13.3/8" OD (68 ppf), 9.5/8" OD (43.5-53.5 ppf) and 5.1/2" OD (17-23 ppf) casing with facility of interchange ability of cup to suit different weight of aforesaid casings, shall be provided by the Contractor.

Note: All wellhead equipment / accessories viz. BOPs, spools, choke and kill manifolds, BOP Control Units etc. should be pressure tested to its rated capacity as per API RP53, OISD & OMR norms and test reports made available to the Company Representative.

(E) HIGH PRESSURE WELL KILLING PUMP:

(i) One Diesel Engine Driven (equipped with speed reduction Gear Box / Transmission Box) National JWS 340 (10,000 PSI) or OPI 500AWS (15,000PSI) or equivalent High-pressure Low discharge plunger pump having plunger size of 2.3/4" or 3.1/2" or 4" or 4.1/2" of minimum 10,000 PSI working pressure and Stroke length of 5" to 6".

(ii) The kill pump is to be equipped and supplied with suitable Diesel Engine Driven supercharger pump mounted on the skid itself, with all safety features and control mechanism. Minimum 300 feet (90 m) of 2" fig 1502 steel hose having requisite numbers of swivel joints for delivery line to connect with well head / Stand-pipe manifold, suitable suction line(s), necessary connections / fittings should also be provided.

(iii) There should be a 60 bbls (approx.) capacity Suction Tank connected with the pump.

(iv) There should be arrangement for supply of drilling fluid / water etc. to the tank as and when required.

2) TUBULARS:

(A) DRILL PIPE / PUP JOINT (AS PER API SPECIFICATION 5DP):

Contractor shall provide new/unused or Premium Class Drill pipes and Pup joints. For new/unused Drill Pipes and Pup joints supporting documents in the form of manufacturer's certificate to this effect should be forwarded prior to mobilization. In case of Premium Class Drill Pipes and Pup joints, certificates of NDT inspection (as per DS-I, category-5) needs to be furnished in this regard prior to mobilization. However, OIL reserves the right to inspect at random and verify through independent NDT inspectors for acceptance. In case of non-acceptance of the drill pipes & drill pipe pup joints due to any discrepancy, contractor shall have to re-inspect the whole drill pipes and drill pipe pup joints in presence of OIL's representative at their own cost.

(i) Minimum 3500 meters of 5" OD, 19.5 PPF Drill pipe consisting of Gr. 'G' flash / friction welded, tapered shoulder, Internal External upset in range 2 length. Tool joint Connection shall be NC 50 (4.1/2" IF) with hard banding (flush with tool joint OD) on box ends. The drill pipes shall be coated with internal plastic coating and shall be applied internally on the drill pipes for full length. The Tool Joints should feature Bore back box and Stress relief pin.

(ii) Minimum 1500 meters of 5" OD, 19.5 PPF Drill pipe consisting of Gr. 'S' flash / friction welded, tapered shoulder, Internal External upset in range 2 length. Tool joint Connection shall be NC 50 (4.1/2 IF") with hard banding (flush with tool joint OD) on box ends. The drill pipes shall be coated with internal plastic coating and shall be applied internally on the drill pipes for full length. The Tool Joints should feature Bore back box and Stress relief pin.

(iii) 3 Nos. each of 5 inches OD, Grade 'G', pup joints of 5ft, 10ft and 15 ft length with identical specification as in (i) above but without hard banding.

(iv) 3 Nos. each of 5 inches OD, Grade 'S', pup joints of 5ft, 10ft and 15 ft length with identical specification as in (ii) above but without hard banding.

(v) Minimum 1500 meters of 3.1/2" OD, 13.3 PPF Drill pipe consisting of Gr. 'G' flash / friction welded, tapered or square shoulder, Internal External upset in range 2 length. Tool joint Connection shall be 3.1/2" IF (NC 38) with hard banding on box ends. The drill pipes shall be coated with internal plastic coating and shall be applied internally on the drill pipes for full length.

(vi) Minimum 5000 meters 2.7/8" OD, 10.4 PPF, SLH-90 Drill Pipe, Gr. 'E', flash / friction welded, tapered or square shoulder in range-2 length. The tool joint shall be 3.7/8" OD & 2.5/32" ID without hard banding.

(vii) 3 Nos. each of 2.7/8 inches OD, Grade 'E', pup joints of 5ft, 10ft and 15 ft length with identical specification as in (vi) above.

Note:

(i) The agency engaged for the NDT must have valid National Accreditation Board for Testing and Calibration Laboratories (NABL) registration at the time of NDT.

(ii) The certifying NDT personnel must have qualification and/or certification, not below Level 2 by National Certification Board, Indian Society for Non-destructive Testing (ISNT)

(B) DRILL COLLARS & HEAVY WEIGHT DRILL PIPE:

Should be minimum premium class supported by API (NDT) inspection report. In case of Premium Class Heavy Weight Drill Pipe, certificates of NDT inspection (as per DS-I, category-3) needs to be furnished in this regard prior to mobilization.

(i) One (1) number of 9.1/2" OD, 3" ID, slick / spiral drill collar of 15 ft. length, with API 7.5/8" Reg. connections, having bore back box and stress relief pin, with slip recess & complete with suitable lift plugs.

(ii) Six (6) nos. 9.1/2" OD, 3" ID, spiral drill collars, approx. 30-31 ft long, with API 7.5/8" Reg. connections, having bore back box and stress relief pin, with slip recess and complete with suitable lift plugs.

(iii) Twelve (12) nos. 8" OD, 3" ID, spiral drill collars, approx. 30-31 ft long, with API 6.5/8" Reg. connections, having bore-back box and stress relief pin, with slip recess and complete with suitable lift plugs.

(iv) Eighteen (18) nos. 6.1/2" OD, 2.13/16" ID, spiral drill collars, approx. 30-31 ft. long, with API NC 46 (4" IF) / NC 50 (4.1/2" IF) connections, having bore-back box and stress relief pin, with slip recess and complete with suitable lift plugs.

(v) Twelve (12) nos. 4.3/4" OD, 2.1/4" ID, spiral drill collars, approx. 30-31 ft. long, with API NC 38 connections, having bore-back box and stress relief pin, with slip recess and complete with suitable lift plugs.

(vi) Nine (9) nos. 3.1/2" OD, 1.1/2" ID, spiral / slick drill collars, approx. 30-31 ft. long, with API 2.3/8" IF connections, having bore-back box and stress relief pin, with slip recess and complete with suitable lift plugs.

(vii) Forty-Five (45) nos. 5" OD, 49.5 PPF, 3" ID, approx. 30-31 ft long, 6.1/2" OD tool joints "heavy-weight" / "thick wall" drill pipes with API NC 50 (4.1/2" IF) box-up & pin down connections with stress relief grooves.

(viii) Nine (9) nos. 3.1/2" OD, 25.3 PPF, 2.1/16" ID, approx. 30-31 ft long, 4.3/4" OD tool joints "heavy-weight" / "thick wall" drill pipes with API NC 38 (3.1/2" IF) box-up & pin down connections with stress relief grooves.

(ix) Drill collars with elevator recesses with sufficient fishing neck in addition to slip recesses shall be acceptable.

(x) Adequate nos. of lift subs / lift plugs for each size of drill collar should be provided for operational convenience.

(xi) Minor variation in dimension for drill collars and heavy weight drill pipes shall be acceptable.

(xii) Adequate numbers of suitable cross over subs, wherever required for the drill string shall have to be provided.

(C) 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 Contractor and should be supported by API (NDT) inspection reports.

C.1 BIT SUBS: (As per API Spec 7-1):

(i) Two (2) Nos. 9.1/2" OD x 7.5/8" API Reg double box bit sub with float valve recess & complete with float valves.

(ii) Two (2) Nos. 8" OD x 6.5/8" API regular double box bit sub with float valve recess & complete with float valves.

(iii) Two (2) Nos. 6.1/2" OD x 4.1/2" API Reg box down x 6.1/2" OD x NC 46 (4" IF)/ NC 50 (4.1/2" IF) box up bit subs with float valve recess & complete with float valves.

(iv) Two (2) Nos. 4.3/4" OD x 3.1/2" Reg Box down x NC 38 Box up bit sub.

(v) Two (2) Nos. 3.7/8" OD x 2.7/8" API Reg box down x 2.3/8" API IF box up bit subs.

C.2 CROSS OVER SUBS: (As per API Spec 7-1):

(i) One (1) no. 6.1/2" OD x NC 46 (4" IF) box up to 9.1/2" OD x 7.5/8" Reg pin down crossover sub.

(ii) Two (2) nos. NC 46 (4" IF) box up x 6.5/8" API Reg pin down crossover bottleneck subs.

(iii) Three (3) nos. of 6.1/2" OD cross over subs with NC 50 (4.1/2" IF) Box up x NC 46 (4" IF) Pin down connection.

(iv) One (1) no. 6.1/2" OD cross over sub with 4.1/2" API Reg pin down and NC 50 (4.1/2" IF) box up connection.

(v) One (1) no. 8" OD x 6.5/8" API Reg box up and 9.1/2" OD x 7.5/8" API Reg pin down crossover sub.

(vi) Two (2) nos. NC 50 (4.1/2" IF) Box up x 6.5/8" API Reg Pin down crossover bottleneck subs.

(vii) Two (2) nos. 6.1/2" OD x NC 50 (4.1/2" IF) Box up to 9.1/2" OD x 7.5/8" API Reg Pin down crossover subs.

(viii) One (1) no. 4.3/4" OD cross over sub with NC 35 pin down and NC 38 (3.1/2" IF) box up connection.

(ix) One (1) no. 4.3/4” OD cross over sub with NC 38 (3.1/2” IF) pin down and NC 35 box up connection.

(x) One (1) no. NC 50 box up and NC 38 (3.1/2” IF) pin down bottleneck crossover sub.

(xi) Two (2) nos. 2.3/8” API IF Box up and 3.1/2” API IF Pin down crossover subs.

(xii) Two (2) nos. NC 38 (3.1/2” IF) Box up to 2.3/8” API IF Pin down crossover subs.

(xiii) Two (2) nos. 2.3/8” API IF Box up and NC 38 Pin down subs.

(xiv)Two (2) nos. 2.3/8” API IF Box up and SLH90 Pin down subs.

(xv) Two (2) nos. SLH90 Box up and 2.3/8” API IF Pin down subs.

(xvi)Two (2) nos. 2.3/8” API IF Box up and 3.1/2” API IF Pin down subs.

(xvii) Two (2) nos. NC 38 (3.1/2” IF) Box up and SLH90 Pin down subs.

(xviii) Double pin sub of under noted connections with appropriate OD x ID

a) NC 46 (4” IF) x 4.1/2” API Reg – 1 (one) No.
b) 6.5/8” R x 6.5/8” R - 1 (one) No.
c) 6.5/8” R x 7.5/8” R - 1 (one) No.

C.3 STABILIZERS:

(i) 1 No. in-string integral blade /welded / replaceable sleeve type stabilizers having 7.5/8" API regular connection for 26" hole.

(ii) 01 (One) set 17.1/2" replaceable sleeve type stabilizers with mandrel size 9.1/2" OD & 7.5/8" API regular connections and with adequate numbers of replaceable sleeves.

(iii) 01 (One) set 12.1/4" replaceable sleeve type stabilizers with mandrel size 8” OD & 6.5/8" API Reg. connections and with adequate numbers of replaceable sleeves.

(iv) 01 (One) set 8.1/2" replaceable sleeve type stabilizers with mandrel size 6.1/2” OD & 4" IF / 4.1/2” IF connections and with adequate numbers of replaceable sleeves.

(v) 01 (One) set 6” replaceable sleeve type stabilizers with mandrel size 4.3/4” OD & NC 38 connections and with adequate numbers of replaceable sleeves.

NOTE:

(i) One set means 01 number of near bit (double box) & 03 numbers of string (pin x box) stabilizers, replaceable sleeve type with adequate numbers of replaceable sleeves as back-up.

(ii) The near bit (double box) replaceable sleeve type stabilizers with mandrel size 6.1/2" should have 4" IF / 4.1/2" IF box up x 4.1/2" regular box down connection. Similarly, the near bit (double box) replaceable sleeve type stabilizers with mandrel size 4.3/4" should have NC 38 box up x 3.1/2" Regular box down connection.

C.4 OTHER SUBSTITUTES:

(i) Adequate nos. of Kelly saver and protector subs (with adequate numbers of rubber protectors) for 5.1/4" or 6" Hexagonal Kelly & 2.1/2" or 3" Square Kelly for entire duration of the contract

(ii) 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 contractor in sufficient quantity and it will be contractor's responsibility to find out the requirement.

(D) MINIMUM ONE NOS. EACH OF 5.1/4" OR 6" HEXAGONAL KELLY AND 2.1/2" OR 3" SQUARE KELLY COMPLETE WITH MATCHING KELLY BUSHING COMPATIBLE WITH OFFERED ROTARY TABLE & WITH THE FOLLOWING:

(i) Upper Kelly Cock, Pressure rating 10000 psi WP (Total 2 Nos. i.e. 1+1).

(ii) Lower Kelly Cock, Pressure rating 10000 psi WP (Total 2 Nos. i.e. 1+1)

(iii) Kelly saver sub with rubber protector installed.

(iv) Kelly spinner as per requirement,

(v) Kelly scabbard with suitable clamps.

(E) NDT TESTING:

All tubular, rotary substitutes shall be NDT inspected (as per DS-I, category-5 standard for drill pipes and DS-I, category-3 standard for others) after completion of every 12 months of drilling. The Contractor shall also provide documentary evidence of API standard inspection carried out on tubular, rotary substitutes & all hoisting equipment at the time of mobilization.

3) HANDLING TOOLS:

All items, including but not limited to those mentioned below shall be supplied by the Contractor. Please note that the ultimate responsibility lies with the Contractor for supply of all handling tools as per their inventory of items.

(A) ELEVATORS: (as per API spec. 8C wherever applicable)

(i) One (1) Set consisting of total two nos. 350 tons capacity, 13.3/8" casing spider dressed as one elevator and one slip complete with all accessories and slip assemblies to handle 5.1/2", 7", 9.5/8", 13.3/8" casing. (Spider elevator should be suitable for use with top drive system).

(ii) One (1) Set consisting of total two nos. 500 tons capacity, 13.3/8" casing spider dressed as one elevator and one slip complete with all accessories and slip assemblies to handle 5.1/2", 7", 9.5/8", 13.3/8" casing. (Spider elevator should be suitable for use with top drive system).

(iii) Two (2) Nos. each 150 Tons capacity side door elevators for 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" Casings.

(iv) Two (2) Nos. each of Single joint elevators complete with swivel and sling assembly for the sizes of 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" Casings.

(v) Two (2) Nos. of centre latch elevator of capacity 100 tons for each of 9.1/2", 8", 6.1/2", 4 ¾" & 3 ½" OD drill collars to be used in conjunction with lift plugs.

(vi) Two (2) Nos. of centre latch elevator of capacity 350 tons for 5" OD drill pipes & 5" OD heavy weight drill pipes. Elevator should match type of shoulder of drill pipe offered by Contractor.

(vii) Two (2) Nos. of centre latch elevator of capacity150 tons for 3.1/2" OD drill pipes & 3 ½" heavy weight drill pipes. Elevator should match type of shoulder of drill pipe offered by Contractor.

(viii) Two (2) Nos. of centre latch elevator of capacity150 tons for 2 7/8" OD SLH90 drill pipes. Elevator should match type of shoulder of drill pipe offered by Contractor.

(ix) Two (2) Nos. each of centre latch elevators of capacity 150 tons for 2.7/8" OD EUE tubing and 3.1/2" OD EUE tubing.

(x) Any other handling tool as felt necessary by the Contractor. Supply of elevators for all sizes of tubular with replaceable spares shall be the responsibility of the Contractor.

(B) ROTARY SLIPS: (as per API spec. 7K)

(i) One (1) No. Casing hand slip each for handling 20", 13.3/8", 9.5/8", 7" & 5.1/2" casings.

(ii) Two (2) nos. rotary slip (manual / pneumatic / hydraulic) complete with inserts for handling 5" OD & 3 1/2" OD drill pipes (extra-long type inserts compatible with master bushing).

(iii) Two (2) Nos. rotary slip (manual / pneumatic / hydraulic) complete with inserts for handling 2.7/8" OD Drill pipes/Tubing (long type inserts compatible with master bushing).

(iv) One (1) set each (set consisting of 02 numbers) of multi-segment drill collar slips for handling 3.1/2", 4.3/4", 6.1/2", 8" & 9.1/2" OD drill collars.

(v) 1 set consisting of one number 2.7/8" manual tubing spiders (100 Ton capacity) with base plate.

(vi) Any other handling tools as felt necessary by the Contractor. Supply of rotary slips for all sizes of tubular with replaceable spares shall be the responsibility of the Contractor.

(C) SAFETY CLAMPS (as per API spec. 7K):

Safety clamps to handle all sizes of drill collars.

(D) RIG TONGS (as per API spec. 7K):

Complete sets of Rotary tongs in pairs with 2 sets of extra jaws and replaceable spares of required capacities & sizes to handle the following tubular:

(i) 2.7/8", 3.1/2" & 5" OD drill pipes/tubulars & drill collars of all sizes from 3.1/2" up to 9.1/2" OD.

(ii) Tubing tongs (both 2.7/8" OD EUE N-80 and 3.1/2" OD EUE N-80) including coupling tongs.

(iii) 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" casings.

Note: Rig equipped with Iron Rough neck with part range / complete range of tubulars, will also be acceptable.

(E) HYDRAULIC/ PNEUMATIC TUBULAR HANDLING TOOLS:

(i) One (1) number of Hydraulic power casing tong complete with all standard accessories and pivot head for 20" casing. The tongs should be rated for a minimum torque of 35000 ft-lbs.

(ii) Two (2) nos. of Hydraulic power casing tongs (one for use & one back-up) complete with all standard accessories and pivot head for 13.3/8", 9.5/8", 7", 5.1/2" & 5" casings. The tongs should be rated for a minimum torque of 25000 ft-lbs.

(iii) Two (2) nos. of Hydraulic power tubing tongs (one for use & one back-up) complete with all accessories including back-up assembly for 2.7/8" & 3.½" OD (EUE / NUE Premium tubing) with minimum torque capacity of 8000 ft-lbs.

(iv) 02 (Two) Nos. of Hydraulic power units with suitable prime mover (electric motor or diesel engine) with all standard accessories for operation of the above power tongs.

(v) The operator(s) for Hydraulic power casing / tubing tongs shall be provided by the Contractor at their own cost.

(vi) Any other Hydraulic power tongs as felt necessary by the Contractor. Supply of Hydraulic power tongs for all jobs shall be the responsibility of the Contractor.

(vii) Electrical motor and other electrical equipment viz. starter, junction box, PBS etc. used with power tongs and HPUs shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standards. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110].

(F) ELEVATOR LINKS (as per API spec. 8C):

i) One Set each of 2.¾" x 108" (minimum) weld-less links of capacity 350 Tons and 3.½" x 132 (minimum) weld-less links of capacity 500 Tons (for use with drilling hook, in case of conventional drilling using Kelly).

(ii) One set of each 350 Tons (317 MT) and 500 Tons (454 MT) capacity weld less links of suitable size & length suitable for lowering casing with spider slip and elevator attached with TDS.

(G) BIT BREAKER/THREAD PROTECTORS/NOZZLES GAUGE/STABILIZER GAUGE:

(i) 1 No. each bit breakers for 26", 17.1/2", 12.1/4", 8.1/2" & 6" TCR bits (compatible with master bushing).

(ii) Stabilizer gauges and bit gauges of 26", 17.1/2", 12.1/4", 8.1/2" & 6" sizes.

(iii) Set of Nozzle gauges for various sizes of bit nozzles.

(H) AIR WINCHES:

(i) Two (2) Nos. of Air winches mounted on derrick floor (one on drillers side & other on off drillers side) having pulley at crown block suitable for minimum 5/8" soft wire line. Each air winch should be capable of handling at least 10,000 lbs (4.54 MT). The air winch line should be fitted with cat swivel of load capacity of minimum 10,000 lbs.

(ii) One man-riding winch of suitable capacity.

4) FISHING TOOLS:

All items mentioned below shall be provided by the Contractor.

(A) OVERSHOTS AND SAFETY JOINTS:

(i) Overshots: Series 150 Bowen or Equivalent releasing and circulating Overshots suitable for operation in 17.1/2", 12.1/4", 8.1/2" & 6" OD open hole and for operation in 7", 5.1/2" & 5" OD casings to catch all sizes of drill collars, heavy weight drill pipes, drill pipes, tubing and substitutes as provided by the contractors, with various sizes of spiral grapple, basket grapple, grapple control, mill control packers, lock rings, suitable extension sub and standard & oversized lipped guide. (All Overshots should be FS type except overshot for 6" OD open hole and for operation in 7", 5.1/2" & 5" OD casings which should be SH type).

(ii) Safety Joints: One (1) No. each of Bowen or equivalent for operating in 12.1/4" & 8.1/2" OD hole sizes.

(B) OTHER FISHING TOOLS:

(i) Reverse Circulating Junk Basket: One (1) No. each Bowen or equivalent R.C.J.B complete with accessories like top sub, catcher assembly, mill shoe, magnet insert for the various sizes of open hole sizes i.e. 17.1/2", 12.1/4", 8.1/2" & 6" and for 7", 5.1/2" & 5" OD casings.

(ii) Junk Subs: One (1) No. each Bowen or equivalent Junk subs for operating inside various casings i.e. 7", 5.1/2" & 5" OD and various hole sizes i.e. 17.1/2", 12.1/4", 8.1/2" & 6".

(iii) Fishing Magnet: One (1) No. each fishing magnet with standard fishing neck and circulation port for operating in 17.1/2", 12.1/4", 8.1/2" & 6" hole sizes and in 7", 5.1/2" & 5" OD casings.

(iv) Ditch Magnet: One (1) No. of ditch magnet suitable for placement in mud ditch for collection of ferrous materials in mud.

(v) Impression Block: One (1) No. each impression block with standard fishing neck & circulating port suitable for 17.1/2", 12.1/4", 8.1/2" & 6" OD open hole and to operate inside 7", 5.1/2" & 5" OD casings. (Note: Provisions should be kept for redressing the impression block at well site).

(vi) Junk Mill: One (1) No. each flat bottom junk mill with standard fishing neck & circulating port for operation in 17.1/2", 12.1/4", 8.1/2" & 6" open hole and in 7", 5.1/2" & 5" OD casings. All materials required for redressing of mills shall be provided by the Contractor. Redressing of mill shall be carried out by the Contractor at well site.

(vi) Full Circle Releasing Spear: One (1) each for handling 5", 5.1/2", 7", 9.5/8" & 13.3/8"

casings. The spear should be complete with all accessories including the guide. Suitable cross-over sub for connecting the same to tubing &/or drill pipe string should be provided.

(vii) Hydraulic Casing Cutter for 5.1/2" casing (20 ppf), 7" casing (29 ppf), 9.5/8" casing (47 ppf), and 13.3/8" casing (68 ppf) with requisite crossovers and top subs.

NOTE: Fishing tool should be in workable condition at all the time of operation. Hence, adequate spares are to be kept & maintained accordingly by contractor.

(C) JARS:

(i) 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 number

(ii) 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):

OD: 6.1/2" or 6.1/4", ID: 2.3/4", 4.1/2" IF RH: 1 No. with accessories
OD: 8" or 7.3/4", ID: 3.1/16", 6.5/8" R RH: 1 No. with accessories
OD: 4.3/4" or 4.1/4", ID: 2.1/4", NC 38 RH: 1 No. with accessories

5) CASING SCRAPPER / ROTOVERT / BUMPER SUB:

(i) One (1) No. each casing scrapper / rotovert (minimum 540° contact area) for casing sizes of 5" OD (15 PPF), 5.1/2" OD (20 PPF), 7" OD (29ppf), 9.5/8" OD (47ppf) & 13 3/8" OD (68 ppf) complete with suitable cross-over sub for connecting the same to tubing &/or drill pipe string.

(ii) Bumper subs: One (1) No. Bumper Sub each, Bowen or equivalent, for 8" OD, 6.1/2" OD and 4.3/4" OD Drill Collars.

(iii) Shooting Nipple: Compatible with wire line BOP, at least one side outlet with weco connection API 1501/1502, Minimum WP 3000 psi certified by third party for conformity and Certificate of compliance for API and NACE Industry standard by third party certifying agency.

6) FIRE FIGHTING SYSTEM:

Contractor shall provide suitable Fire Fighting equipment as required for oil well drilling as per the provisions of OISD STD 189 & Mines Act of India.

(i) Contractor shall provide One (1) no. of Trailer/skid mounted Engine driven fire pump having minimum discharge of 1800 L/min at 7 kg/cm2 along with two nos. of storage tanks each having 53 KL capacity and 3 nos. of monitors and 2 nos. hydrant for fire emergencies with all accessories (suction hose, delivery hose, nozzle, tools etc.) to be provided by Contractor at Well-site along with personnel having firefighting training and certificate.

(ii) Independent source water supply along with motor/engine driven pump must be made available for filling up of the firefighting water storage tanks.

(iii) Additionally, one fixed water-cum-form monitor shall be installed on water line in centre of two hydrants.

(iv) Contractor shall provide portable fire extinguishers which should be located at convenient locations, clearly visible and easily accessible.

(v) Following firefighting accessories shall be readily available at site:

(a) Additional Fire Hose: 02 nos.
(b) Multipurpose Nozzle: 02 nos.
(c) For foam system
- Inline foam educator: 02 nos.
- Foam branch pipe: 02 nos.
- Foam compound: minimum 200 litres
(d) Weather-proof facility for storing above items.

(vi) A fire bell of non-sparking material / Fire Siren (Manual or Electrical siren) should be provided.

(vii) Wind sock, intrinsically safe torch, SCBA (Self Contained Breathing Apparatus) set (30 minutes capacity) - 02 nos. should be provided.

(viii) The Contractor shall comply with any / all other regulation(s) of OISD (India) & DGMS (India) that comes into effect from time to time in this regard. Regular fire drills should be conducted. Mock fire drill should be conducted at least once in a month & records of all such drills should be maintained properly.

(ix) The above is a mandatory requirement for firefighting purposes. In case of non-conformance, the company reserves the right to stop further operations till the time the above mentioned standard is met.

(x) The fire pump should be permanently hooked up with the water tank and fire water line.

(xi) The fire water line shall be designed and properly supported to withstand pressure/reaction force at 7kg/cm2 and shall have two independent connections with NRV to hook up fire water pump and fire water tender.

(xii) The hydrant and monitors shall be mounted on 4" size stand post and situated 1.2m above ground level.

(xiii) Hose box at each hydrant point shall be provided and equipped with two fire hoses and one multipurpose nozzle. Alternatively group of hydrants to be provided with hose

hut with sufficient number of standard fire hoses and multi-purpose foam cum water, spray nozzle. Hose hut should be quick and easily accessible from hydrants.

(xiv) Smoke detectors should be available in all office bunk and accommodation bunk houses. This should be periodically maintained as per schedule and should be fit for use at all times.

(xv) The Contractor shall lay the 4" diameter Fire Water Distribution line at a distance of 15 to 30 meters from the well head 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 Contractor 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 Contractor. A schematic layout diagram of the Fire Water Distribution line as per requirement of OISD Standard 189 should be provided along with the techno-commercial bid.

7) TRANSPORTATION SERVICES:

(A) COMPANY (OIL)'S RESPONSIBILITY:

(i) Transportation of Company's personnel and materials/Equipment (those not attached with the rig) will be Company's responsibility. Contractor 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.

(ii) Chemicals required for preparation of mud, completion fluid and bulk 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.

(iii) In case of well emergency, it is the responsibility of OIL to supply/ transport Chemicals, Cement etc. to well site.

(iv) Well consumables like casing and tubing 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 contractor, as and when required, with the help of Contractor's crane.

(v) Cementing service/Mud Engineering & Waste Management service/Well Logging service/MLU/Directional Drilling Service/Bulk Handling Plant Service/Coring Service/Pit-less Drilling Service/Cuttings Disposal Service/Surface Production Testing Service shall be arranged by the Company (OIL). However, contractor shall have to provide all necessary support during deployment/execution of these services and also provide

Crane of suitable capacity with necessary support for loading/unloading of their equipment.

(B) CONTRACTOR'S RESPONSIBILITY:

(i) Transportation of Contractor's personnel & their materials from campsite to drill site and between drilling sites shall be the responsibility of the Contractor. All vehicles to be deployed by Contractor for this purpose should be in prime condition.

(ii) All requirements of transport fleet including but not limited to crane(s), trailer(s), truck(s), manpower/crews, etc. during rig up/rig down, during various requirements pertaining to well operations & during inter-location movements (ILM) are to be provided by the Contractor. Any additional requirement of transport fleet for any specific purpose at site during well operation shall also be provided by the Contractor.

(iii) Bits, Well Heads, X-Mas Tree etc. required for drilling and testing of wells shall be supplied by OIL / OIL third party. However, it is the responsibility of Contractor for loading/offloading and to transport the same from Company's yard/Go-down to drilling site.

iv) The Contractor must provide at their cost, equipment & services of the following minimum number:

(a) Sufficient numbers of Diesel Hydraulic Telescoping Boom Truck Crane with integrated chassis (without sub frame) of suitable capacity along with crew during rig up /rig down & inter-location movements of Rig package.

(b) Sufficient number of load carrying vehicles and cranes along with crew so that the inter-location movement is completed within stipulated time.

(c) Minimum 1 no. of Diesel Hydraulic Telescoping Boom Truck Crane with integrated chassis (without sub frame) of capacity not less than 40 MT (40,000 Kg) along with crew should be made available at all times at well site.

(d) Minimum 1 no. of Fork Lift of 5 MT (5,000 Kg) minimum capacity along with crew should be made available round the clock at well site.

(e) 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 Contractor or as directed by OIL. The maximum load requirement of OIL's equipment will be of 06(six) trailers.

(f) The Contractor will provide crane and transportation (for Inter-location movement) of the Coring Service Provider's material, equipment and also for transfer/handling of the Coring Service Provider's material, equipment to and from well site. The loading, unloading and transportation shall be done at Coring Service Provider's supervision and

risk. OIL will indemnify the Contractor from any damage during handling & transit.

(v) Loading, offloading and proper stacking / placement of Company's and Company's third party's equipment and materials at rig site shall be carried out by the Contractor at respective well site with the help of Contractor's personnel & crane.

(vi) For inter location movements the contractor shall arrange for shutdown/ground clearance/ raising of lines (if required) of Electrical overhead lines belonging to third parties viz. State Electricity Board, Industries etc.

(vii) The contractor is solely responsible for any damage to existing Electrical infrastructure belonging to third parties viz. State Electricity Board, Industries etc. resulting from the movement of the contractor's vehicle during ILM. In case of such damage, contractor is fully responsible for repairing of the damaged Electrical infrastructure.

(viii) Load testing certificate of crane used at wellsite shall be available. Health certificate, valid pollution certificate of all the transport vehicle shall be available.

(ix) Safe Operating Practices (SOP) of all rig operations should be available at rig site.

8) MISCELLANEOUS TOOLS & EQUIPMENT:

(i) One (1) No. each of circulating head, (with plug / gate valve & 602/1502 Weco union for connecting rotary hose or chicksan joint) with pin connection suitable for 20" BTC, 13.3/8" BTC, 9.5/8" BTC, 7" BTC, 5.1/2" BTC casings.

(Note: In case the connection is different than suitable cross-over sub of minimum length should be provided).

(ii) One (1) No. of poor boy swivel suitable for 5" OD drill pipe having NC 50 (4.1/2 IF) connection.

(iii) One (1) No. Circulation Heads for following drill pipes & tubing fitted with quick opening gate valve and suitable Chiksan hose connection (for connecting to rotary hose).

(a) One (1) No. for 5" OD x NC 50 (4.1/2 IF) drill pipe.
(b) One No. for 3.1/2" OD x 3.1/2 IF drill pipe.
(c) One No. for 2.7/8" OD x SLH90 drill pipe.
(d) One No. for 2.7/8" EUE tubing or a Crossover from SLH90 box x 2.7/8" EUE thread pin.
(e) One No. for 3.1/2" EUE tubing or a Crossover from 3.1/2 IF box x 3.1/2" EUE thread pin.

(iv) FOSV (full opening safety valve) for following drill strings.

(a) Two (2) Nos. for 5" OD x NC 50 (4.1/2 IF) drill pipe & a Crossover from NC 50 box x

6.5/8 Reg. pin.
(b) Two (2) Nos. for 3.1/2" OD x 3.1/2 IF drill pipe.
(c) Two (2) Nos. for 2.7/8" OD x SLH90 drill pipe & a Crossover from SLH90 box x 2.3/8 IF pin.
(d) Two (2) Nos. for 2.7/8" EUE tubing.
(e) Two (2) Nos. for 3.1/2" EUE tubing.

NOTE: Pressure testing of FOSVs from wellbore side using Portable Pressure testing unit shall be done as when required.

(v) Mud basket for use during round trips with Drill Pipes and other tubulars. Mud basket for use during round trips with Drill Pipes of sizes 5" & 3.1/2" and other tubular.

(vi) Adequate number of appropriate sizes back pressure / float valves to be installed on bit subs during different stages of drilling (complete with installation tool).

(vii) One No. of additional reel of around 5500 ft. of drilling / casing line (1.3/8" or 1.1/2").

(viii) Appropriate riser for all stages of drilling.

(ix) Rig warehouse and workshop.

(x) Complete sets of tools / wrenches.

(xi) Suitable size & number of bell nipples and flow nipples for making up at the well head.

(xii) One (1) each of 5" OD Drill pipes, 3 ½" OD Drill Pipe & 2.7/8" OD tubing/Drill Pipe rubber wiper with all required accessories. Replacement rubbers should be stocked at well site & is contractor's responsibility.

(xiii) Suitable capacity engine or electrically driven pump (reciprocating / centrifugal type) for pumping gauging water to cementing hoppers/Cementing Unit.

(xiv) Welding & Cutting Set: Diesel Engine / Electric transformer powered welding set having capacity of minimum 400 Amps with Constant Current characteristics with all associated welding and cutting apparatus, Oxy-acetylene cutting equipment with flash back arrestor, brazing etc. In case of Diesel Engine powered welding set it should be fitted with spark arrestor and should be certified by agencies authorized by Central Pollution Control Board (CPCB) for noise control. All consumables shall be supplied by the Contractor. Each gas cylinder shall be equipped with individual cylinder cap/guard.

(xv) BUG BLOWER: One (1) bug blower for use at rig floor.

(xvi) DRIFT RECORDER: One (1) Drift Recorder to be provided for measurement/recording of hole inclination in vertical hole.

9) OTHER PROVISIONS TO BE MADE AVAILABLE BY CONTRACTOR:

(A)

The Contractor 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 should be 700-800 sq. ft. to accommodate around 30 MT of Barites and 10 MT of Bentonite. The loading and unloading of materials in the shed and in the Barytes and Bentonite mixing hopper shall be done by the Contractor.

(B)

Contractor shall use drilling mud as per drilling policy with water loss, weight, viscosity in accordance with mud programme as the OIL may decide as per good oilfield practices. Diligence in keeping the hole and all strings of casing and space between casing filled with drilling mud shall be exercised. Contractor shall keep hourly record of mud weight, viscosity (in and out), active tank volume etc. The contractor shall record the result of such tests and use of mud and mud chemicals in its daily drilling report.

(C) For / during well testing (Production Testing):

C.1 SCHEDULE - I

(i) Making & breaking including stacking and running in of production tubing (both 2.7/8"/ 3.½" OD EUE) as per the standard practice.

(ii) Installation of Tubing Head Spool, packing of secondary seal and testing of the same as per the rating in presence of Company Representative.

(iii) Testing of X-Mass tree and installation of the same in presence of Company Representative.

(iv) Oil string casing hermitical testing to be done by the Drilling Contractor in presence of Company Representative.

(v) Making necessary tubing/casing connections to the Surface production testing set up.

(vi) To assist the well test/DST service provider in placing and hooking up of the production equipment namely Tanks, Separator, Steam jacket, ground X-Mass tree etc. and test the same before commissioning as per the requirement during production testing phase.

(vii) To make the gas flare line to the flare pit.

(viii) To prepare/maintain the tubing tally including any down hole production equipment run as per standard practice.

(ix) Assist in Hooking up of the steam lines to production tanks and steam jacket. To provide crane for CTU operation.

(x) To assist the Production Testing service provider in making & breaking of the downhole tool string including stacking and running in/out of hole the production string.

(xi) All necessary surface connections to be made by the contractor for enlivening of the wells using nitrogen pumping unit.

(xii) Contractor to provide the following:

(a) Isolation Valve/NRV to isolate Top drive-in case of reverse circulation/Well Killing.
(b) 2"x 5M rated Flexible Hose (Rubber / Metal) - 10 m and 20 m- one no. each.
(c) 2" x 5M rated Irons with Flexible Chiksan connections - 30 m.
(d) Companion flange for 2-1/16" x 5M with FIG 1002 Hammer Union – 2 set.
(e) Companion flange for 2-1/16" x 5M with 2" Bushing plug with ½" NPT connection - 2 set.

C.2 SCHEDULE - II

(i) All production equipment 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 N80 and/or P-110), Pipes for surface fittings and flare line etc. will be provided by OIL/third party.

(ii) All tools required for making up of the above equipment are to be supplied by the Contractor i.e. Elevators, slips, Tubing tong, Coupling tong, Hydraulic pumps and other necessary equipment for hydraulic testing of the Tubing Head spool, separators, X-Mas tree, Ground X-Mas tree, Steam Jacket etc. are also to be provided by the Contractor.

(iii) Consumables such as thread dopes (for both drill pipes and API threaded casings) are to be provided by the Contractor.

NOTE: OIL reserves the right for inspection and verification of the rigs and associated ancillaries during any time after bid closing date. Bidder should confirm acceptance of this clause in their technical bid.

7.3 GROUP – III (MUD / AIR / WATER / FUEL SYSTEM):

1) MUD SYSTEM:

(A) A mud system having an active capacity of not less than 1200 bbls/190M3 and gross capacity not less than 2200 bbls/350M3 including reserve capacity, with the following tanks / tank compartments:

(i) Shale shaker tank
(ii) Intermediate tank

(iii) Suction tank
(iv) One trip tank (80 bbls minimum) with 2" x 3" x 13" centrifugal pump and 25 HP explosion proof electric motor. Trip tank should have suitable calibration of 0.5 bbl sensitivity.
(v) One mixing tank
(vi) Three Nos. of reserve tanks to accommodate the above reserve capacity.
(vii) Separate Pre-flush tank & gauging water tank (capacity 45 KL provided with mixing hopper system, agitator and delivery pump with line & fittings to cementing unit).
(viii) One slug tank (tank should be a part of suction tank with capacity around 60 bbls).
(ix) Continuous casing fill up system for all sizes casings.
(x) All mud tanks are to be provided with Drill water & Diesel supply lines.

NOTE:

(i) Provision of suction of mud from any of the reserve tanks with any of the mud pumps and with suitable facilities for transfer of mud from active to reserve tank or vice versa. Also, suction from intermediate tanks to mud pumps to be possible.

(ii) The mud tanks should be either new or in prime condition with internal protective coating. Tanks with leakage or corrosion will not be acceptable.

(B) The mud system should include the following:

(i) Two (2) units of Linear Motion Shale Shakers [LMSS], balanced Elliptical motion with minimum 7G High force speed with suitable flow divider. Each unit of LMSS should be capable of handling at least 500 GPM [With 110 pcf water/polymer based mud] and complete with sufficient number of screens from API 20 to 250+ mesh size for drilling various hole sections.

(ii) One (1) unit of Linear Motion Mud Cleaner, capable of handling at least 1000 GPM [110 pcf 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:

(a) Desander (Hydro cyclone type) capacity at least 1500 GPM, (With min. 3 vertical 12" cones) complete with TRW Mission (8" x 6" x 14") or equivalent centrifugal pump driven by minimum 75 to 100 HP electric motor.

(b) Desilter (Hydro cyclone type), capacity at least 1250 GPM, (With 16-20 cones arranged in 2 rows or circular arrangement) complete with TRW Mission (8" x 6" x 14") or equivalent centrifugal pump driven by minimum 75 to 100 HP electric motor.

(iii) One (1) Vacuum Degasser (vertical or horizontal type) having degassing capacity of at least 1200 GPM, complete with suitable vacuum pump, electric motor, suction & discharge piping, jet nozzles, etc. compressor, motor and proper gas disposal system with poor boy degasser chamber for disposing gas beyond hazardous area / zone with separate TRW Mission (8" x 6" x 14") or equivalent centrifugal pump driven by minimum 75 to 100

HP electric motor.

(iv) One (1) Poor Boy degasser / mud gas separator (MGS) of approx. 48" diameter capable of handling minimum 1000 GPM of fluid and complete with inlet from flow line and choke manifold, one outlet, one drain, one 8" vent and one 20" man way.

(v) Two (2) nos.10 HP (minimum) mud agitators with gear box having a minimum 36" diameter impeller with minimum 4 bottom gun jets in each tank and mud guns for proper churning of mud with TOR: 50 (minimum).

(vi) Mud mixing system, consisting of low-pressure hoppers and electric motor driven centrifugal pumps. The System should be capable of mixing mud up to 19 PPG, approx. The system should contain at least two hoppers & two 75 to 100 HP centrifugal charging pumps. All line connections are to be made in such a way that all the hoppers can be operated simultaneously if situation arises.

(vii) Jet shearing device: one no.

(viii) The active mud system should have one platform adjoining the tank with approx. dimensions of 30' x 20' for keeping Bentonite, barites & other materials for mixing purposes. Alternatively, Contractor should have adequate provision for keeping Bentonite, Barites and other chemicals at site.

(ix) The reserve tank should have independent suction & delivery lines with mixing arrangement through the hopper.

(x) 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:

(a) Suction lines
(b) Mud roll line
(c) Discharge line
(d) Water line
(e) Mix line

(xi) Centrifuge: Brandt's HS-3400 / Derrick / Kemtron / Swaco High G-force capacity and with long clarification area to process approx. 170 GPM with feed density of 9.3 ppg mud [approx.] at more than 2000 G's. The functions of solids sedimentation, separation and draining are all to be combined in the centrifuge. The unit should 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 during operation.]

(xii) In case, LWC is used while combating stuck pipe situations it shall be provided by Third Party Service Provider to the contractor. The contractor's responsibility shall be to

provide storage facility and infrastructure to utilize the LWC at any moment.

In addition, diesel (HSD) fuel may also be used, for releasing stuck pipe, if the situation so demands and which shall be provided by the contractor in sufficient quantity and as many times as needed on chargeable basis.

(xiii) One pre-flush tank of 60 bbls capacity, gauging water tank and one slug tank within the suction tank of approx. capacity 60 bbls with all necessary fittings, valves, connection etc. shall be provided by the Contractor.

(xiv) Moreover, the following shall also be provided by the Contractor:

(a) 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.
(b) One crossover platform from mud tank to substructure complete with stairs.
(c) Tank shall be covered with bar grating.
(d) Hand rails shall be provided on all the outer boundaries of the tanks.
(e) The mud tanks and all other accessories are to be mounted on rugged oilfield skids. Mud tanks should 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.
(f) One pneumatically operated screen washer (high pressure-low volume type) complete with all accessories for cleaning the screens of shale shaker & mud cleaner.

(xv) Mud agitator motors, desander motor, desilter motor, centrifuge motor, supercharger motor, degasser motor (if any), shale shaker motor, starter, push button station, junction boxes and other electrical equipment used with mud system shall be suitable for use in oilfield hazardous area, Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standards. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.110]

(xvi) All light fittings used in the mud tank area shall be FLP (Ex-d) type. Adequate lighting shall be provided in the mud tank area. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.110].

(xvii) Remote PBS placed in hazardous area should have intrinsically safe circuits with a maximum of 30 Volts. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 102(iv).]

(C) CABIN FOR MUD ATTENDANT:

A cabin of approximate dimension 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. All electrical fittings should be FLP type and DGMS (India) approved. All electrical fittings should be FLP type and certified by CIMFR/recognized laboratory of country of origin for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B. The cabin shall be placed near the intermediate tank at the level of the walkway.

Also, the electrical appliance, equipment for use in Zone 1 and Zone 2 hazardous area of the mine shall conform to IS/IEC standards as specified by DGMS as per clause no. 107 of OMR- 2017.

(D) TOOLS & SPARE PARTS:

Contractor has to provide all spares, tools and consumables (e.g. screens of LMSS & LMMC, desander / desilter cones, etc.) of all the tank systems and solid control equipment. Simultaneously, enough stock of screens for LMSS & LMMC, desander /desilter cones & other spares shall also be maintained by the Contractor.

2) RIG AIR SYSTEM:

Rig air compressor package complete with utility hut consisting of the following minimum items with all required instrumentations:

(i) Two Nos. electric motor driven reciprocating / screw type air compressors each having a capacity of min. 120 CFM FAD at 125 psig working pressure, complete with all accessories.

(ii) One number cold start compressor capacity minimum 90 CFM FAD at 150 psig rated working pressure, driven by diesel engine.

(iii) 2 nos. air receiver hydraulically tested within last three years with Documentary evidence. These receivers should be as per rig design and deployment of the equipment should be of enough capacity to cater the need of air requirement for smooth operations and complete with air dryer, safety relief valve, condensate drain trap etc.

3) WATER SYSTEM:

The water system should conform to the minimum requirements as given below for guidance.

(A) Three Nos. water tanks (also to be used as gauging water tank):

(i) Rectangular with covered top having approximate dimensions 9.9m long x 2.285m wide x 2.25m height on a four-runner skid, with drain out valve, equalizing coupling ladders both in and out of tank. Each tank shall have a man hole opening of 20” x 20” to go inside for cleaning purpose.

Total storage capacity: 170 cubic meters (approx.)

(ii) At least 02(Two) tanks should be fitted with agitators along with recirculating facility and hopper arrangement for mixing chemicals [02(Two) nos. of agitators in each of the tanks].

(iii) One set piping: Std. size & complete with suitable valves for supply of water to mud system from the above 3 tanks.

(iv) **Water Booster:** One Master Skid, 4 runners 10' wide x 32' long for placing the three water tanks. And the skid should be fitted with two centrifugal pumps (as water booster) having capacity minimum 80 m3 per hour and 26m head with 40 HP explosion proof 415 volts, 50 Hz, 3 phase electric motors and complete with suction and discharge lines for operation of either or both pumps.

(v) **Gauging water pump:** Two (2) Electric motor driven horizontal multistage centrifugal pumps set complete with piping/ Dresser type couplings and butterfly valves with hopper arrangement and should be mounted on an independent three runner oilfield skid. These pump sets will be used to load chemicals through hoppers to water tanks, to agitate the mixture by jet gun/and to feed chemical-mixed (gauging) water in the cement hopper for preparation of cement slurry. Each horizontal multi stage centrifugal pump should be capable of developing minimum 150 m. of head and the discharge of each pump should be minimum 60.0 m3 / hour at 1450 rpm.

(B) Water Supply:

The Contractor shall be responsible for arranging suitable capacity pump & all required accessories for drawing source water from below ground level with all necessary piping, and other set-up. **The Contractor 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.

Note:

(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 shutdown.

(ii) In case of total mud loss into the formation while drilling or in case of firefighting, if the whole water stock is consumed, then 'NIL' day rate will not be applicable. However, the contractor has to take urgent & all-out effort to replenish the stock immediately in order to tackle the water problem.

(iii) To cater the need of all emergencies an alternate adequate water source should be identified & arrangement should be kept ready to provide water to camp & well-site to meet emergencies.

(iv) Flow meter shall be provided with ground water drawing system. Contractor shall be responsible for keeping records for water consumption at wellsite.

(v) If source water cannot be located within the plinth areas, because of sub-surface formation reason, the Contractor shall have to set up water supply station at the nearest available source.

4) FUEL SYSTEM:

(i) Suitable fuel system consisting of Two (02) Nos. of fuel (diesel) tanks each with a capacity of minimum 40 KL each and complete with DGMS approved fuel pre-filters & two electric motor driven fuel transfer pumps. Contractor must maintain minimum stock of diesel for five days continuous drilling operation at well site.

(ii) Fuel Pump motors and other auxiliaries viz. junction boxes, PBS etc. shall be FLP (Ex-d) type. Also, Double earthing is required for Fuel tanks at diagonally opposite ends of the tank.

(iii) The contractor shall provide a valid PESO License for the HSD tanks as per Petroleum & Explosives Safety Organization (PESO), Petroleum Rules, 2002.

NOTE: In case the rig operation become idle due to non-availability of fuel (diesel) then NIL day rate will be applicable.

5) ELECTRICITY:

(A) 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 Contractor. Provision shall be made for standby generators both at camp & well site to ensure uninterrupted supply of electricity. **Capacity of standby generator should be sufficient enough to run the Effluent Treatment Plant (ETP) independently in case of environment related emergency when rig is not in operation.** Adequate lighting should be provided in the camp, campsite, and drill site by the Contractor. Supply of electricity to Company's or Company's hired third party services units and other equipment which operate on electric power shall also be the Contractor's responsibility at their cost. The Contractor must provide facility for running all electrical equipment of Company or Company's hired third party services & their own both at 50Hz – AC and 60 Hz - AC capacity wherever they are applicable (Example: Supply of electricity to company's mud logging unit and other equipment which operate on 220/415V - 50 Hz shall also be the contractor's responsibility at their cost). Rig lighting system shall conform to API standard and be connected to the main rig power system. Standby provision should be kept to meet the requirement as and when necessary.

(B) All electrical equipment such as motors, light fittings, push button stations, plug & sockets, junction boxes, motor starters etc. used in hazardous area should be suitable for use in hazardous areas of Zone I and Gas group IIA & IIB of Oil Mines and shall conform to IS/IEC/EN:60079-0:2011 & IS/IEC/EN:60079-1:2007. The bidders shall

submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility. Bidder shall provide copies of above test reports along with technical bid. Above Test Reports number should be engraved on the name plates of such equipment. In case such test reports for any or all the electrical equipment are not available at the time of bid submission stage, the bidder shall categorically confirm in their technical bid that same shall be submitted before commencement of operation. OIL shall reserve the right to withhold the permission to commence the operation in case of non-submission of the above test reports.

Note: All multicore cables to be used in the rig should be metallic screened and certified by CIMFR/recognized laboratory of country of origin.

(C) TRANSFORMER, LIGHTING TRANSFORMER, GENERATOR: In case of 3-phase and 4 wire systems & the middle conductor of a 2 phase 3 wire system - The neutral conductor shall be earthed by not less than two separate and distinct connections with a minimum of two different earth electrodes or such large number as may be necessary to bring the earth resistance of neutral to a satisfactory value [CEA Regulation 41(i)].

(D) The neutral system should be such that, the fault current shall not be more than 750 mA in installations of voltages exceeding 250V and up to 1100 volt system for oil mines. The magnitude of the earth fault current shall be limited to the above value by employing suitably designed restricted neutral system of power supply as per CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 100(1).

The neutral system should be such that, the fault current shall not be more than 750 mA in 550/1100 volt system for oil field. The magnitude of the earth fault current shall be limited to the above value by employing suitable designed restricted neutral system of power supply (I.E. rule 116 (i)).

Bidder shall provide details of above such arrangements in the technical bid.

The voltage for lighting system inside the mine shall not exceed 250V (between phases) if neutral is connected to earth as per CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 102.

(E) EARTH LEAKAGE PROTECTIVE DEVICE: All the outgoing feeders for auxiliary motors, lighting, bunk houses and outgoing feeders from standby generator (of voltage not exceeding 250V) shall be provided with earth leakage protective device so as to disconnect the supply instantly at the occurrence of earth fault or leakage of current. The maximum earth leakage threshold for tripping shall not exceed 100mA under any circumstances as per CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 42.

(F) All the electrical equipment, PCRs, Diesel tanks, Mud tanks, Mast, Bunk houses, storage, etc. should be double earthed (i.e. with two separate and distinct connection) [CEA Regulation 41(xii)]. The body and neutral earthing shall be separate and the neutral

earthing shall be covered always. The earthing system shall be in accordance with CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 41 & 101.

(G) All metallic body having electrical equipment shall be earthed properly by two separate and distinct connections with suitable earthing strips. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.41(xii) & OISD 216].

(H) Electrical system shall be provided with all necessary cables and cable trays with grasshopper (Z-trays) arrangement to the derrick floor. Cable trays shall be grounded adequately.

(I) Adequate lighting shall be provided 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.

(J) Documents required with techno-commercial bid: The bidder should furnish the following along with their techno-commercial bid.

(i) Single line power flow diagram of the rig.

(ii) A Plan layout of electrical equipment used in the rig.

(iii) Details of all electrical equipment used in the rig as per format given in Annexure-IV.

(iv) Details of all cables, light fittings, push button stations, plug & sockets, junction boxes, motor, starters etc. used in the rig as per the format given in Annexure – V.

(v) Details of rig electrical as per the format given in Annexure-VI – Electrical.

(vi) A layout of the complete earthing system including earthing of diesel tanks, PCRs, all motors, motor starters, alternators & any other electrical equipment used for the purpose.

(vii) Copies of valid approvals of CIMFR/recognized laboratory of country of origin related to electrical equipment for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B. Also copies of IS/ IEC standards as specified by DGMS as per clause no. 107 of OMR- 2017 of electrical equipment for use in Zone 1 and Zone 2 hazardous areas.

(viii) SLD / Layout / List of electrical equipment / cables fittings etc. / Annexure-VI Electrical / Earthing layout / CIMFR or recognized laboratory of country of origin approvals for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B.

Note:

(i) Bidders have to furnish a list of Electrical equipment to be used in hazardous areas as per format given in Annexure-IV. The Electrical equipment placed in classified hazardous area must be certified by CIMFR/ recognized laboratory of country of origin.

(ii) Also, the electrical appliance, equipment for using in Zone 1 and Zone 2 hazardous area of the mine shall conform to IS/IEC standards as specified by DGMS as per clause no. 107 of OMR- 2017.

(K) DCON - Pressurized type driller's console and foot throttle should be used in the rig. Air purging system should be provided for the above.

(L) The entire electrical installation job should be carried out as specified in the latest version of Indian Electricity rule and relevant standards and precaution should be adopted in the Oil field as specified in the India Electricity rule.

(M) All Electrical Cables used in the Drilling Rig should be multi core flexible copper cables (armored or screened) of 1000 volts grade, EPR insulated, CSP/NBR sheathed. All electrical cables shall conform to the provisions stipulated in line with IS-9968 read with the latest BHEL specifications (OR12003, OR12002 & OR12005) as the case may be.

(N) For all hand-held portable apparatus voltage shall not exceed 125 V as per CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 102 (i).

(O) COMMISSIONING REPORT & STATUTORY RECORDS: The following minimum reports and records are to be maintained by the Contractor. The responsibility for maintaining of such records shall rest with the Chief Electrician (on behalf of the Contractor).

(i) Equipment commissioning record and statutory record registers.

(ii) Insulation resistance of all motors, generators, cables, distribution board, transformer etc. (in each rig up).

(iii) Record of Earth resistance of all electrodes (in each rig up) [CEA Regulation 41(xvii)].

(iv) Test record of RCCBs (once every 3 months) [CEA Regulation 100(3)].

(v) Maintenance of FLP equipment (yearly).

(vi) Log sheet for Mines and Oil-Fields (daily) as per Schedule-XIII of CEA Regulation.

(vii) Illumination Records.

(viii) Any other record that may be required by statutory authorities / Company for operational or safety reasons.

(ix) As per DGMS circular & Gazette Notification for Maintenance of register as required by the Mines Act 1952 and Mines Rules, 1955, the forms A, B, D and E have been updated and modified. The above mentioned forms need to be maintained as per the new format.

(x) All other statutory forms to be maintained in respect to Mines Act,1952, Mines Rules 1966, Oil Mines Regulations 2017 and other applicable laws. Responsibility for maintaining of such records shall rest with the Chief Electrician (on behalf of the Contractor).

(P) The rig shall have sufficient length of cables for drilling cluster wells as per tender requirements (space between 2 wells is 18 m).

(Q) INSPECTION OF RIG BY AUTHORITIES: Bidder should agree to make the electrical facilities of the rig available for inspection by statutory authorities/Company as and when required, and arrange to provide all documents, records, and facilities required by such authorities/Company. Bidder should also agree to implement any requirement/modification /additions as suggested by the authorities, whether during such inspections, or otherwise, in a time bound manner.

6) MISCELLANEOUS ITEMS:

(A) Dog house

(B) Storage and tool house.

(C) Pipe and casing rack of suitable height and adequate capacity.

(D) Suitable arrangement at the end of flow nipples of well head for fixing gas monitoring equipment, with a suitable shed for the gas logger at that location.

(E) Gas Monitoring apparatus.

7) DRILLING INSTRUMENTATION & COMMUNICATION SYSTEM:

The rig should be equipped with the following instruments of Martin Decker or equivalent New Generation instrumentation system i.e. Drill Watch, Touch Screen type digital and Analog display monitors at 3 rig stations with data acquisition and printing facilities for monitoring drilling parameters:

(A) Weight Indicator:

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.

(B) Driller's console:

Driller's console [of Martin Decker or equivalent make] shall consists of, but not limited to the following -

(i) 1 No. of suitable Mud pressure gauge (additionally one on stand pipe manifold & one on each mud pump),

(ii) Tong torque gauge,

(iii) Rotary torque gauge.

(iv) Rotary RPM meter.

(v) Individual pump SPM counter for each rig pump.

(C) Advanced Instrumentation System:

NOV MD Totco Drill watch or equivalent system to be provided for monitoring critical drilling parameters such as hook load and bit weight, bit depth, hole depth, Bit position, standpipe pressure, Rotary RPM and torque, depth of hole, total active mud volume, gain/loss, individual and totalized SPM from pumps, return flow, mud temperature in and out on Rig floor and for recording in the Workstation located at Tool Pusher's well site office. The systems shall be equipped with corresponding server system for data acquisition and storage of these critical parameters. Daily report of these parameters shall be generated and submitted to the concerned Company Representative. Upon completion of a well, entire well data should be available for submission to the concerned company representative in soft form in a transferrable storage device like Pendrive, DVDs or external Hard disk Drives so that the data can be accessed in future for reference. Audio visual alarm shall be provided for the following minimum parameters:

(i) Active Pit Level
(ii) Mud Return Flow Rate High/Low
(iii) Rate of Penetration High
(iv) Pump Pressure High/Low
(v) Block Proximity Crown & Floor

Note: Contractor's deployed personnel should have the required competency to Rig-up, Rig Down, maintain, calibrate & operate the Advanced Instrumentation System connected to the drilling rig in a safe and efficient manner for operation of the Rig.

(D) Online Gas Monitoring System:

Online Gas Monitoring System having minimum four channels with Audio-Visual Display and Warning for onshore Drilling Rig Application comprising of Gas detectors, Measuring & Alarm control unit and Calibration Kit & Accessories. The Multi-Gas detector shall be able to detect Hydrogen Sulphide (H2S), Carbon Monoxide (CO) and Methane (CH4).

Multi-Gas detectors (two for Methane & two for H2S i.e. total four detectors) are to be located at Riser mouth as well as at Shale Shaker. Display unit is to be located at dog house & at Rig-superintendent's office but connected explosion proof Hooter & Flasher shall be mounted at rig-floor.

Note: Contractor's deployed personnel should have the required competency to install, de-install, maintain, calibrate & operate the Online Gas Monitoring system.

(**E) Rig Intercom System:**

Suitable flame proof, explosion proof & intrinsically safe Rig Intercom cum Annunciation system complete with hand set / speaker / amplifier for communication between Dog house, mud attendant's cabin, PCR, mud pump area, geologist's cabin, tool pusher's office, company representative's office, on mast and Rig Floor.

Note: Contractor's deployed personnel should have the required competency to install, de-install, maintain & operate the Rig Intercom system.

(F) Portable Multi gas detector instruments, minimum 2 nos., shall also be available.

(G) Electrical measuring/testing instruments.

(H) Noise and Illumination level measuring instruments.

(I) CCTV surveillance system.

(i) The rig shall be equipped with effective CCTV surveillance system to monitor all operations closely as per DGMS guidelines [vide DGMS Technical Circular No. 01 of 2019 dated 30.10.2019].

(ii) If video monitoring system/CCTV system is used for drilling operation in the rig, then the system should have certification for use in Hazardous Areas Zone 1.

Note:

(i) Contractor's deployed personnel should have the required competency to install, de-install & maintain all the Instrumentation system / packages connected with the drilling rig for safe operation of the Rig.

(ii) All the above systems, Advanced Drilling Instrumentation system (Drillwatch system), Control System of Rig Equipment, Gas Monitoring system, Intercom/PA system & CCTV system shall comply all the statutory norms. For this purpose, all approvals and necessary clearances (including statutory DGMS approval required if any), shall be provided by the contractor.

(iii) The contractor shall provide all systems along with field instruments/sensors suitable for use in Zone1/ Zone 2, Class-I, Division-1 & 2, Group C&D with SIL 2/3 hazardous

area as applicable for On-land drilling rigs. The certification for each unit and sensors to be used at classified hazardous area shall be from test facilities as mentioned in OMR 2017.

(iv) All test certificates, calibration certificates and approvals (if required) shall be submitted and periodic calibration certificates of all instruments shall be properly maintained.

(v) Regulation 107 of OMR-2017. Use of electrical equipment in hazardous area.

(a) No person shall use electrical appliance, equipment or machinery including lighting apparatus in zone "0" hazardous area.

(b) The owner, agent and manager of every mine shall ensure that the electrical appliance, equipment, machinery or other material that are used or may be used in zone "1" or zone "2" hazardous area of the mine is of a type and specification conforming to an Indian standard or an international standard adopted by the Bureau of Indian Standards through harmonization, specified by the Chief Inspector of Mines by a general order notified in the Official Gazette.

8) GENERAL NOTES:

(A) The Contractor shall inspect the proposed drill sites including the entire roads through which the rig will be transported and fully acquaint himself with the existing conditions & its surrounding. The Contractor shall be responsible for transportation of entire rig package by engaging appropriate & suitable mode of transport. The Contractor shall also ensure that during the transportation of rig package, full attention should be given to the general road traffic. At no
point of time there should be any obstruction for general traffic on the road due to transportation of rig package.

(B) Approximate transportable dimension of one rig load should be confined to 9 M (L) x 3.5 M (W) x 3 M (H). The maximum individual transportable load of their each offered rig package may also be highlighted in the techno-commercial bid giving details of each load.

(C) Minor variation in size and specification of tools and equipment quoted with the rig may be acceptable provided these are fully compatible with the offered rig.

(D) Supply, storage, consumption / regulation of water & fuel at the well sites as well as at the camp site shall be the Contractor's responsibility. Any shut down of operation due to non-availability of water and fuel shall be on the contractor's account.

(E) The Bidder shall submit the layout drawing of the offered rig package indicating loading pattern of soil / foundation under the following conditions:

(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 techno-commercial bid.

(F) Sinking of source water tube well, lifting and storage/supply of source water for Rig/well operation including all required materials/equipment/pumps etc. will be contractor's responsibility. Supply of water from alternate sources shall be the responsibility of the Contractor, if no water is found at the exact camp or well site

(G) Supply of LDO/LWC for mud preparation and for meeting other downhole eventualities will be the company's or company's third-party service provider responsibility. However, if HSD is required in case of stuck pipe situation for spotting contractor shall provide required HSD and payment thereof at actual will be made by the Company. It is to be noted that for no other reasons Company will reimburse the cost of HSD.

(H) All sorts of lubricants for day to day operation of various rig equipment shall be supplied by the Contractor. Also, various spares for rig components shall be stocked / supplied by the Contractor.

(I) All sizes of drilling bits as required separately under different casing / hole policy shall be provided by OIL. Contractor will supply on request, bits selected by OIL at actual cost + 5% handling charge.

(J) The Contractor shall stock, adequate number of screens for shale shaker and for mud cleaner. Simultaneously, enough stock of Desander / Desilter cones & other spares shall also be maintained by the Contractor for uninterrupted drilling activities.

(K) The Contractor shall provide fuel for all of their vehicles and other stationary engines.

(L) Well killing: Normal well killing operations as required during drilling / production testing should be carried out by the Contractor. In case of any well kick situation, it will be the sole responsibility of Contractor to handle & control the kick and to kill the well. However, any Company's instruction in this regard, shall be obeyed by the Contractor while executing killing operation. **Early kick response like checking, detection and shut in of well will be the sole responsibility of the Contractor.**

In case of any blow out situation the Contractor shall do his best for controlling the same, however, OIL shall render help in providing the required assistance from civil administration & fire service when such a situation arises. Contractor needs to extend all help as required by the company (OIL) with rig-crew & infrastructure under the contract. Competence of the Contractor's well killing operation under such circumstances shall be decided by OIL. Based on this, OIL reserves the right to bring any external experts. The resultant cost thereof shall be borne by the Contractor, in the event that the blow out occurred due to negligence of the Contractor.

(i) All the engines to be used in rig package should preferably be Bharat Stage VI (BS6) compliant and engines for transportation vehicles should be minimum Bharat Stage IV (BS4) compliant.

(ii) Wire line Logging Service: All logging requirements as depicted in the drilling programme will be met by OIL through its logging service Providers.

(M)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 15,000 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.

(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.

(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.

(iv) Wellhead seal integrity tests: Wellhead seal integrity tests shall be conducted in accordance with the Company procedures/drilling program.

(v) Well Control requirements: BOPs will be installed after running the surface casing. A Formation Integrity Test will be performed immediately after drilling out the casing shoe on all casing strings and 5/10 feet of fresh formation. BOP stack, control system and choke manifold shall be function tested and pressure tested on installation and after every 07 days (Function Test) and 21 days (Pressure Test) as per OISD standard–174/Company's requirements. These tests shall be witnessed by the Company Representative and recorded on appropriate chart recorders. 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.

9) CIVIL ENGINEERING WORKS:

(A) The approximate well plinth preparation for a similar drilling rig as available with the Company is broadly as follows:

(i) Approx. plinth area: 9215 Sq. m
(ii) Concrete volume: 700 to 750 cum (for foundations of slush pumps, drilling rig, rig engines, ETP foundation, Drilling Waste Treatment etc.)
(iii) Hard standing area: 5640 Sq.m
(iv) Effluent pit volume:
  (a) 8,00,000 gallons for Development well.
  (b) 10,00,000 gallons for Exploratory well.
(v) Safe Bearing Capacity: 8 N/Sq.cm

The Contractor may use the above information as a guideline only. The Contractor's and OIL's responsibilities in this regard are defined below.

(B) 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 technical bid in order to assess the quantum of civil engineering works required:

(i) Rig layout drawing clearly indicating areas where road / hard-standing are required, rig foundation area, lay out of mud pump foundation, PCR, Power Pack, Diesel tank area etc.

(ii) Substructure foundation design and detailed working drawing.

(iii) Cellar foundation design and detailed working drawing. Also, indicate maximum allowable cellar foundation size which can be accommodated within the sub base.

(iv) Structural configuration and load distribution of the rig package/equipment.

(v) Detailed design and working drawing of any other equipment requiring cement concrete/reinforced cement concrete foundation.

(vi) All approach roads to well site and hard standing of well sites will be made from available construction materials without any black toping whatsoever as per prevailing practice.

(vii) The foundation for substructure, mud pumps, engines, PCR, HSD tank etc. shall be constructed by company as per the working drawing submitted by the contractor at one go. Any addition or alteration of foundation at the later stage or during rig up operation shall be done by the Contractor at his own cost.

(viii) 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.

(ix) All grouting required for anchoring guy post/any wire line (if required), delivery/other lines etc. is Contractor's responsibility. Providing civil materials for such jobs will be responsibility of OIL.

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.

(ii) It is the Contractor's responsibility to arrange for the central base camp located outside the well plinth. Company will not be in any way responsible for setting up of base camp if located outside the well plinth.

(iii) For well site camp it shall be Company's responsibility to prepare the land and provide fencing.

(C) CIVIL WORK INVOLVEMENT: Company shall provide foundation for the standard rig equipment including hard standing and cement concreting areas, effluent pit provision etc. Any additional civil work involvement besides the standard indicated plinth area/civil work should be highlighted by the bidder in the Techno-commercial bid.

(D) Repairing / maintenance of well plinth, approach road to wellsite shall be the Company's responsibility including supply of materials. The materials other than the Civil materials required for well site camp maintenance shall be supplied & arranged by the Contractor.

(E) The day-to-day housekeeping of the plinth including drainage of effluent, drainage of rain/accumulated water, during the entire drilling operation shall be the Contractor's responsibility.

(F) OIL will provide the land required for setting up the base camp at Rig/well site with approach road and will also be responsible for preparation of camp site (if located within the well site), making foundation, maintenance of this campsite & its approach road including supply of civil materials. However, setting up of the camp other than the mentioned jobs herein is the responsibility of the contractor.

Note: Contractor should provide necessary lay-out, drawings and other details required for preparation of base camp at Rig/well site by OIL.

(G) Construction of all types of sheds/ ramps (if required by the contractor) over equipment, tanks, chemical storage, telephone etc. or construction of any temporary hut required for operation and also subsequent dismantling of the same after completion of well will be the responsibilities of the Contractor.

(H) Erection and dismantling of fencing at well site are the Company's responsibility.

Note:

(i) Civil Materials mentioned in above clauses are cement, sand, aggregate, brick/ brickbats, gravels, boulders, broken stone etc.

(ii) All the civil ancillary jobs are under OIL's responsibility and intimation from Contractor for getting the jobs done in time should be received by OIL well in advance so that drilling operation is not hampered.

10) ASSOCIATED SERVICES:

The Contractor should coordinate with Company / Company's third party service providers & extend all required help / guidance in consultation with Company's representative for proper coordination, functioning & uninterrupted operations. In case any of the services are provided by the Company's in-house facility then the Contractor should also provide necessary help for its smooth operation.

(A) MUD ENGINEERING AND DRILL WASTE MANAGEMENT SERVICES:

Mud preparation shall be the responsibility of Mud Engineering Service Provider hired by OIL. Contractor is expected to render necessary help for smooth operations. Contractor to provide roustabout in shifts for handling of chemicals, preparation of mud, tank cleaning etc.

(B) PITLESS DRILLING SERVICES:

Pitless Drilling Services to be hired by OIL. Contractor is expected to render necessary help for smooth operations.

(C) CEMENTING SERVICES:

(i) Cementing Service Provider hired by OIL shall perform the cementation jobs at the wells planned to be drilled. The Contractor shall render all necessary help for smooth operations of cementing services and assist OIL in performing all cementation jobs at all the wells. Contractor to make necessary mud/water lines to cementing unit as and when required.

(ii) Cementing service provider engaged by the Company shall utilize a cementing unit for carrying out the cementation job. The Contractor will carry out cleaning / flushing of cementing unit and associated surface lines after completion of the cementing jobs. It is to be noted that all cement slurry will be displaced using the slush pumps.

(iii) In case of emergency, the slush pumps shall be used (individually or in conjunction) to pump and displace cement slurry.

(iv) Compressor as per specification or equivalent, to be utilized for loading/off-loading of oil well cement at well site. The requisite spares for compressor are to be maintained by contractor.

(v) Unloading of OIL's cement from transport silos to field silos & vice-versa at well site under supervision of Cementing / Bulk Handling Plant Service Provider.

(vi) The Contractor shall provide suitable air connection with suitable air and lube oil regulator to tap air pressure from main air supply of the rig or its branches for hooking up to cementing silos for pneumatic loading/unloading of cement to the cement hoppers/field silos.

C.1 Other functions:

A cementation job includes all primary, secondary and plug cementation of a well. The mode and schedule of cementation of the well where the Contractor's rig is deployed at the time shall be fixed by OIL. The Contractor shall render all personnel, machinery, infrastructure, water, air, etc. to carry out the jobs successfully.

(i) It is to be understood that at times slush pumps of the rig may be used for cementing operation and Operating day rate shall be applicable during this period. If OIL carries out the cementing operation using OIL's Third-Party Contractor's items (Cementing Service Provider) other than the slush pump during pumping of cement (pumping of cement when done by a cementing unit) and uses the slush pump only for displacement of cement, Operating day rate shall still be applicable during the entire period from the beginning to the end of cementation operation.

(ii) Fixing of cementing accessories and equipment.

(iv) Following specific facilities are essential in order to utilize cementing units besides rig pumps for executing primary cementation jobs.

(a) One additional high-pressure (5000 psi) discharge line (minimum 3" diameter) other than standard mud pump delivery line is necessary. This particular line, connecting all the rig-pumps with stand pipe junction manifold at Derrick floor should be provided with adequate valve arrangements (for isolation) wherever required, for the purpose of flexibility during cementing operation. Option should be available for utilizing all the rig pumps as well as cementing units for carrying out cementation jobs.

(b) 2" hammer union T-type outlets from the rig pump pressure gauge points should be provided for connecting pressure recorder assembly during cementing operation. The said facility should have the provision of interconnecting all the pumps through 2" high pressure line having adequate isolating facilities. These facilities must ensure recording of relevant data even while carrying out parallel pumping

Note: A common suction line of 8" NB for all the slush pumps from the cementing hoppers and pre flush tank must be provided with necessary fittings, valves etc.

C.2 Pre cementation equipment readiness:

The contractor shall thoroughly clean-up and make all cementing suction and delivery lines from slurry mixing/preflush tanks etc. to slush pump and slush pump to stand pipe junction manifold point at Derrick floor, all mud lines, air & water lines perfectly ready to the satisfaction of Company Representative / Third Party Cementing Engineer.

C.3 During cementation readiness:

The Contractor shall, during the cementing job, attend to all problems, render help and rectify all defects to the satisfaction of Company Representative / Third Party Cementing Engineer.

C.4 Post cementation follow up action:

The Contractor shall carry out cleaning and flushing to remove all traces of cement from unwanted locations. They shall also disassemble and remove/load all cementing equipment, which are required to be removed after the mandatory period.

(D) CORING SERVICES:

Coring will be done through coring service provider hired by OIL. The Contractor 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 finalized by OIL later. The hole proving trips / preparation of hole to take cores will be considered as coring operation.

(E) LINER HANGER SERVICES:

The Liner Hanger Service Provider (engaged by the company) shall perform the required jobs at the wells planned to be drilled. The Rig Contractor shall render all necessary help for smooth operations of liner hanger services.

(F) DIRECTIONAL DRILLING SERVICES:

The Directional Drilling Service Provider (engaged by the company) shall perform the required jobs at the wells planned to be drilled. The Contractor shall render all necessary help for smooth operations of vertical / Directional drilling services.

(G) WIRELINE LOGGING SERVICES:

The Wireline Logging Service Provider (engaged by the Company) shall perform the required jobs at the wells planned to be drilled. The Rig Contractor shall render all necessary help for smooth operations of wireline logging services.

(H) MUD LOGGING SERVICES:

The Mud Logging Service Provider (engaged by the Company) shall perform the required jobs at the wells planned to be drilled. The Rig Contractor shall render all necessary help for smooth operations of mud logging services.

(I) BULK HANDLIMG SERVICES:

Cement & Barite bulk handling services will be provided by third party and hired by OIL. Bidder to provide necessary assistance and service during operation and well killing, as required.

(J) PRODUCTION TESTING SERVICES:

The Production Testing Service Provider (engaged by the Company) shall perform the required jobs at the wells planned to be drilled. The Rig Contractor shall render all necessary help for smooth operations of Production testing services.

(K) COLD CASING CUTTING SERVICES:

The Contractor shall provide cold casing cutting services, if necessary, to cut casing at well head after setting slip seal assembly.

(L) OTHER SERVICES:

The Service Provider engaged by the Company shall perform the following jobs at the wells planned to be drilled. The Rig Contractor shall render all the necessary help for smooth operations during engagement of the following services.

(i) Whipstock and Window cutting
(ii) Under reaming.
(iii) Fishing and milling

11) CATERING SERVICES AND CAMP ADMINISTRATION:

(A) The catering including supply of drinking water of the Contractor's & Company's (Own + Hired) personnel whether at the base camp and work site shall be the responsibility of the contractor.

(B) An industry standard catering & housekeeping service serving Indian and continental food to all the Contractor's personnel and at least 25 (twenty-five) personnel to be designated by Company (OIL) per day shall be made available during the entire contractual period by the Contractor without any extra charge to Company. Aforesaid 25 (twenty-five) Company designated personnel includes personnel of OIL, all third-party contractors (engaged by the Company) for any drilling associated services, services under bundle service contract and Project Management Service Consultancy.

(C) ADDITIONAL CHARGE FOR FOOD: Charges for food for each additional Company's or Company designated personnel (in excess of 25 persons per day) shall be paid per meal to be computed on the basis of individual meals.

(D) Skid mounted hygienic kitchen having all kitchen essentials should be provided for cooking purpose.

Note: Cooking in temporary sheds will not be allowed.

12) MEDICAL SERVICES:

Suitable first aid medical services shall be provided by the Contractor on round the clock basis. Contractor shall provide an experienced and trained Medic personnel with sufficient quantity of first aid equipment and medicines to meet any emergency at well site. The Medic personnel shall be available at site at all times during the entire contractual period and on call 24x7. One temporary isolation bunk to be maintained with all medical facilities for short term isolations.

13) CAMP INFRASTRUCTURE & FACILITIES:

Industry standard camp facilities for the Contractor's personnel (inclusive of third party Contractor's personnel) including camp site dispensary, catering, sanitation & laundry services shall be provided by the Contractor. Additionally, fully furnished air-conditioned bunk house type accommodation should be provided by Contractor for at least 25 (Twenty Five) numbers of Company's personnel or any third party personnel to be designated by Company. The camp should be well maintained with normal recreational facilities at the Contractor's cost. The camp facilities to be provided by the Contractor to the Company should include but not be limited to the following:

(i) 3 (Three) 1-seater unit accommodations with attached bath and toilet. The units should be equipped with refrigerators.
(ii) 3 (Three) 2-seater unit accommodation with attached bath & toilet.
(iii) 4 (Four) 4-seater accommodations with attached bath & toilet.
(iv) 1 (One) laundry unit with attendant service.
(v) A separate dining hall for OIL/ OIL designated officials to be provided.
(vi) 1 (One) office cum living unit with attached bath & toilet for Installation Manager / Company Representative at site. The unit should be equipped with refrigerator & cupboard.
(vii) One office unit to be used by the company at well site, with facility for use by 4 nos. of OIL officials. The unit should be equipped with refrigerator, computer, internet with e-mail, printer, scanner, fax machine & other communication equipment. This unit should be attached with Tool Pushers office and should have inter-connection.
(viii) One spacious air-conditioned bunk house at well site having sitting facilities for at least 15 (Fifteen) persons to be use as conference/meeting room.
(ix) 1 (One) air-conditioned bunk house type first aid disbursement room at well site to meet any emergency with doctor and attendant.
(x) All bunk houses shall be air-conditioned and fully furnished.

NOTE:

(i) The Contractor should bring light and easily transportable dwelling units for camp establishment.

(ii) All units including those to be used as office/lab should be fully furnished and air conditioned with proper lighting arrangements. The dimensional sketches of all units are to be provided with the bid. Waste management & Safe disposal of effluents from camp toilets/kitchen and rig site toilet, etc. (using septic tank & soak pit) will be the responsibility of the Contractor. The Contractor shall be solely responsible for keeping the entire camp area and well site neat, clean and hygienic.

14) HSE SPECIFICATION FOR SAFETY EQUIPMENT / SERVICES:

(A) Safety: The Contractor shall observe all safety regulations in accordance with acceptable oilfield practices and applicable Indian Laws including provisions of Mines Act 1952, Mines Rules 1955, OMR 2017, OISD, CEA Regulations, MoEF & CC, CPCB & State Pollution Control Board. The Contractor shall take all measures 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. The Contractor shall conduct such safety drills, BOP tests, etc. in accordance with above referred provisions.

(B) The Contractor shall abide by the clauses depicted under HSE specifications in SCC.

(C) The Contractor shall provide 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 Contractor's personnel.

(D) Contractor shall provide all necessary firefighting and safety equipment as per laid down practice as specified under OISD-STD-189 and OMR. Fire protection at drilling sites shall be the responsibility of the Contractor and the Contactor shall comply the requirement as depicted under HSE specifications in SCC. At least three of the rig operating personnel on any shift at the rig site should have training in basic firefighting course (from any board or an institute recognized by state/central government of India) as per OISD-GDN-228.

(E) Possibility of encountering H2S, CO2, CO etc. cannot be ruled out. Contractor shall provide sufficient number of necessary equipment like evacuation kit having gas musk fitted with air cylinder to deal with such type of emergency situation.

(F) One brand new factory build ambulance with dedicated driver and with all basic facilities like stretchers, oxygen cylinders, first aid facilities, blankets, splints, etc. as per OSID shall be kept standby round-the-clock at well site to meet any emergency. Small passenger vehicle will not be allowed to be used as Ambulances. The first aid equipment should be maintained as per Third schedule of Mines rules 1955 and the Ambulance facility should comply OMR-2017 requirement.

(G) Documentation, record keeping of all safety practices should be conducted as per international/Indian applicable laws, act, regulations etc. as per standard Oilfield practice and these records should 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 should be kept at site and
displayed. Compliance of these shall be the sole responsibility of the contractor.

(H) Violations of HSE specification and statutory requirement will attract penalty (ies) as per Clause no. 21.0 of Part 3 Section III.

(I) Job specific Physical capability requirement must fulfil the requirement of Rule (29) of Mines Rule, 1955 and circulars thereunder, shall be such that:

(i) The person should be in good mental and bodily health and free from any physical defect likely to interfere with his efficient employment in a mine.

(ii) Physical capability should be supported by valid "O" Form. The frequency of periodic medical examinations should 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.

(iii) The medical examination aforesaid shall be carried out by a Medical Officer appointed for the mine or a Medical Officer in the employment of the owner of the mine, if any, or by any medical officer employed in the Coal Mines Welfare Fund Organization or any other mines Welfare organization, failing which by any State or Central Government medical officer not below the rank of an Assistant Civil Surgeon. The proof of such test(s) is to be submitted to OIL, in both the cases in the latest "O" form with all the test results.

(J) All of Contractor's equipment & practices, as a minimum, should comply with the following:

(i) Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010.

(ii) Oil Mines Regulations, 1984 with latest amendments

(iii) Directives from Directorate General of Mines Safety.

(iv) 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 meter from source).

15) OTHERS:

(i) In case of any non-conformity in the connections / sizes between various equipment and tools to be provided by the Contractor, 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 contractor 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 Contractor.

(ii) The Contractor shall erect, commission, dismantle the cementing field silos along with platform with sets of hoppers, bucket tank & fitting which shall be handed over to the contractor by the Bulk Handling Plant Service provider at the first well for cementation. The contractor shall draw or tap required air supply from the auxiliary lines from the contractor's rig compressor for its operation. After completion of the well the same should be transferred to the next forward location by the contractor as part of the rig package.

(iii) Loading of Barites shall have to be carried out by the Contractor.

(iv) OIL shall provide one no. chemical godown with floor space of approx. 660 Sq. ft. of appropriate dimensions with proper raised brick soled cemented/wooden flooring for storing of chemicals, LCM etc. Contractor to maintain the godown and keep chemicals properly.

(v) The Contractor should ensure that AVIATION WARNING LIGHTS on the crown of the mast should be provided as per Aviation Standards.

(vi) The Contractor shall assemble, dismantle, and move all Company's designated items attached with the rig without any obligation to the Company.

16) HR SPECIFICATION [PERSONNEL TO BE DEPLOYED]:

(A) PERSONNEL GENERAL:

It is the responsibility of Contractor to ensure that Personnel requirements in accordance with the Indian regulations in the Work Area are met. The Contractor shall provide the crew, adequately trained to be able to perform all aspects of the Work required in an efficient, competent, and safe manner at all times, bearing in mind crew changes and contingency for accident/sickness all in accordance with Table I - Contractor's Personnel. Undertaking from Contractor's Personnel shall be submitted as per Annexure-VII at the time of commencement of service.

(i) The Contractor will have to deploy adequate manpower to carry out the required operations. Contractor to also provide one Project Coordinator at their cost to liaise with OIL on daily basis.

(ii) The deployment pattern will be as per the Contractor's discretion, but without violating the statutory requirement, 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:

Table I – Contractor's Personnel

Position	Total per day	Day Shift	Night Shift	Off	Allocated per Rig	Unit	Category
Rig Manager/Rig Superintendent	1	1		1	2	Nos	N/A
Tool pusher	1	1		1	2	Nos	N/A
Night Tool Pusher	1		1	1	2	Nos	N/A
Driller	2	1	1	2	4	Nos	N/A
Assistant Driller	2	1	1	2	4	Nos	Highly Skilled
Derrick men / Top man	4	2	2	4	8	Nos	Skilled
Roughneck/Floorman	8	4	4	8	16	Nos	Semi-Skilled
Chief Mechanic	1	1		1	2	Nos	N/A
Chief Electrician	1	1		1	2	Nos	N/A
Mechanic	2	1	1	2	4	Nos	Skilled
Electrician	2	1	1	2	4	Nos	Skilled
Asst. Electrician	2	1	1	2	4	Nos	Semi-Skilled
HSE Officer	1	1		1	2	Nos	N/A
Medic/Doctor	1	1		1	2	Nos	N/A
Welder	1	1		1	2	Nos	Skilled
Gas logger	2	1	1	2	4	Nos	Semi-Skilled
Top Drive Operator/Technician	2	1	1	2	4	Nos	Skilled

Heavy Crane Operator	1	1		1	2	Nos	Highly Skilled
Forklift Operator	1	1		1	2	Nos	Semi-Skilled
Roustabout/ unskilled labour	8	4	4	8	16	Nos	Unskilled
Total	44			44	84	Nos	
Catering Personnel			As required				
Security			As required				
Labour			As required				

*Contractor is allowed to replace a part of his crew (eg: Roustabouts) by local personnel.

(iii) Additional requirements of manpower as envisaged for smooth execution will entirely be arranged by the Contractor without any extra charge to Company.

(iv) The Rig Manager, HSE officer and medical officer have to be present at site all the times and should report to & liaison with Company's representative for daily operations meeting & carrying out day-to-day operation smoothly.

(v) The deployed manpower shall be categorizing as Key personnel and Essential personnel. The Key personnel are required for smooth operational activities and Essential personnel are required for smooth running of the non-technical activities like catering, camp maintenance, administrative, liaising etc.

(vi) Any deficiency/short supply of Key personnel will attract penalty (ies) as per Clause No. 21.0 of Part 3 of Section III.

(vii) The Contractor will not engage any employee of the company who has resigned from the service of the company for at least two years earlier from the date of such engagement except with the express approval of company Management (competent authority).

(viii) Consumption of alcoholic beverage at work place or working in inebriated condition and unruly behavior with co-worker shall be strictly avoided.

(ix) Crew deployment pattern and working hours:

(a) Contractor shall engage crew as defined in Scope of work of the contract. The working hours for the rig operation shall be round the clock and in two shifts but not more of 12(twelve) hourly and shall be guided by Gazette No S.O. 1658(E), 2014

(b) However, in case of an emergency or for safety of the mines or emergency maintenance/breakdown maintenance deviation may be accepted as per the Mines Acts, 1952 and thereunder.

(x) 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.

(xi) Contractor shall ensure that payment to the contract labors engaged by them under the contract is made in compliance with the Minimum wages stipulated for workers engaged in employment in various **mines such as Gypsum mines and Bauxite mines for work above ground** as per notification issued by the Ministry of Labour & Employment, Government of India. The minimum wage rate would be revised periodically as per the notifications of the Ministry of Labour & Employment, Government of India.

An additional allowance of **INR 2,250.00** per month shall be payable by the Contractor to the contract labors engaged under the Contract at the rig site. This additional allowance has to be paid on a pro-rata basis along with the monthly minimum wages based on the actual attendance.

(B) KEY PERSONNEL:

The key personnel are driving elements of the rig, should be of sound health and shall possess the entire requirement described under the contract. The qualification & experience of the key personnel are to be as under:

(i) **RIG MANAGER/RIG SUPERINTENDENT:**

(a) Should be of sound health and have work experience in drilling oil/gas wells, for minimum 10 (ten) years, of which at least 5 (five) years shall be in a senior management level including 3 (three) years as Rig Manager/Rig Superintendent.

(b) Should be conversant with working in diesel electrical rigs/offered rig. Should have basic knowledge of repair and maintenance of Drilling Rig equipment like Top Drive/Draw works/Pumps etc. and trouble shooting.

(c) Should be conversant with mud chemicals & maintenance of mud property.

(d) Should be conversant of giving instruction during downhole well problem.

(e) Must possess valid well control certificate (Rotary drilling, surface BOP stack), IWCF Supervisor's Level (level-4) / IADC WellSharp-L4 and should be conversant with well control methods to take independent decisions in case of well emergencies.

(f) Qualification: Must be Engineering Graduate or Engineering Diploma holder or Science Graduate or should have a total of minimum 20 (twenty) Years' work experience in drilling oil/gas wells.

(g) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(h) Should possess valid MVT certificate and knowledge of firefighting at well site.

(i) Training on **basic HSE related course** from reputed institute required to carry out work at site and in accordance with company policy and as required by country law and regulations.

Note: The Rig Manager/Rig Superintendent has to be present at Rig site during daylight hours and shall report to BE Project office as and when asked for to receive instruction/resolving any issue on contractual obligation. Rig Manager shall be available at Contractor's Base Camp for on call duty during night hours.

(ii) **TOOL PUSHER:**

(a) Should be of sound health and have work experience in drilling oil/gas wells, for minimum 10 (ten) years, of which at least 3 (three) years as rig-in-charge/tool pusher.

(b) Should be conversant with working in diesel electrical rigs/offered rig. Should have basic knowledge of repair and maintenance of Drilling Rig equipment like Top Drive/Draw works/Pumps etc. and trouble shooting.

(c) Should be conversant with mud chemicals & maintenance of mud property.

(d) Must possess valid well control certificate (Rotary drilling, surface BOP stack), IWCF Supervisor's Level (level-4) / IADC WellSharp-L4 and should be conversant with well control methods to take independent decisions in case of well emergencies.

(e) Qualification: Must be Engineering Graduate or Engineering Diploma holder or Science Graduate or should have a total of minimum 15 (fifteen) Years' work experience in drilling oil/gas wells.

(f) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(g) Should possess valid MVT certificate and knowledge of firefighting at well site.

(iii) **NIGHT TOOL PUSHER:**

(a) Should be of sound health and have work experience in drilling oil/gas wells, for minimum 7 (seven) years, of which at least 3 (three) years as tool pusher/night tool pusher/tour pusher.

b) Should be conversant with working in diesel electrical rigs/offered rig. Should have basic knowledge of repair and maintenance of Drilling Rig equipment like Top Drive/Draw works/Pumps etc. and trouble shooting.

(c) Should be conversant with mud chemicals & maintenance of mud property.

(d) Must possess valid well control certificate (Rotary drilling, surface BOP stack), IWCF Supervisor's Level (level-4) / IADC WellSharp-L4 and should be conversant with well control methods to take independent decisions in case of well emergencies.

(e) Qualification: Must be Engineering Graduate or Engineering Diploma holder or Science Graduate or should have a total of minimum 12 (twelve) Years' work experience in drilling oil/gas wells.

(f) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(g) Should possess valid MVT certificate and knowledge of firefighting at well site.

(iv) **DRILLER:**

(a) Should be of sound health and have work experience in drilling oil/gas wells, for minimum 5 (five) years, of which at least 3 (three) years as Shift in-charge/Driller.

(b) Should be conversant with working in diesel electrical rigs/offered rig. Should have basic knowledge of repair and maintenance of Drilling Rig equipment like Top Drive/Draw works/Pumps etc. and trouble shooting.

(c) Should be conversant with mud chemicals & maintenance of mud property.

(d) Should have working experience with top drive.

(e) Must possess valid well control certificate (Rotary drilling, surface BOP stack), IWCF Driller's Level (level-3) / Well Cap at appropriate level and should be conversant with well control methods to take independent decisions in case of well emergencies.

(f) Qualification: Must be Engineering Graduate or Engineering Diploma holder or Science Graduate or should have a total of minimum 10 (ten) Years' work experience in drilling oil/gas wells.

(g) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(h) Should possess valid MVT certificate and knowledge of firefighting at well site.

(v) **ASSISTANT DRILLER:**

(a) Should be of sound health and have work experience as part of a drilling crew in drilling oil/gas wells, for minimum 5 (five) years, of which at least 3 (three) years as Assistant Driller.

(b) Should be conversant with working in diesel electrical rigs/offered rig.

(c) Should be conversant with mud chemicals & maintenance of mud property.

(d) Should have working experience with top drive.

(e) Must possess valid well control certificate (Rotary drilling, surface BOP stack), IWCF Introductory Level (level-2) / Well Cap at appropriate level and should be conversant with well control methods.

(f) Qualification: Must be Engineering Graduate or Engineering Diploma holder or Science Graduate or should have a total of minimum 7 (seven) Years' work experience in drilling oil/gas wells.

(g) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(h) Should possess valid MVT certificate and knowledge of firefighting at well site.

(vi) **TOPMAN:**

(a) Should be of sound health and have work experience as part of a drilling crew in drilling oil/gas wells, for minimum 4 (four) years, of which at least 1 (one) year as Topman.

(b) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(c) Should possess valid MVT certificate and knowledge of firefighting at well site.

(vii) **Roughneck/Floorman:**

(a) Should be of sound health and have work experience as part of a drilling crew in drilling oil/gas wells, for minimum 3 (three) years, of which at least 1 (one) year as Roughneck/Floorman.

(b) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(c) Should possess valid MVT certificate and knowledge of firefighting at well site.

(viii) **CHIEF MECHANIC:**
(a) Should have a minimum of 3 (three) years' work experience as Mechanical Engineer in drilling rigs.

(b) Should 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.

(c) Qualification: Must be Engineering Graduate in Mechanical Engineer or Diploma in Mechanical Engineer.

(d) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(e) Should possess valid MVT certificate and knowledge of firefighting at well site.

(ix) **CHIEF ELECTRICIAN:**

(a) Should have a minimum of 3 (three) years' work experience as Electrical Engineer in drilling rigs.

(b) Qualification: Must be Engineering Graduate in Electrical Engineer or Diploma in Electrical Engineer.

(c) Should be confident in independently carrying out the fault finding analysis, rectification of fault, operation and maintenance of all the electrical items of diesel electric drilling rig including air conditioners.

(d) Should be conversant with the AC/SCR and/or AC/VFD control systems of drilling rigs.

(e) He should have knowledge of all the electrical equipment used in AC/SCR and/or AC/VFD rigs (Alternators, DC motors, Transformers, Air circuit breakers, different light-

fittings, Star Delta/DOL Starters, cable glands etc.) and the use of all the electrical tools and instrument.

(f) Must possess valid Electrical Supervisor's Certificate of Competency No 1, 2, 3, 4 & 8 (Mining Part) issued by State Licensing Board and should be conversant with Oil Mines Regulations and Electricity rules.

Validity of Supervisor Certificate – Must have valid supervisor certificate, allowing them to work in the state / region where they are deployed. Responsibility for ensuring adherence to these norms' rests with the contractor.

[Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010; regulation no. 3,6,29 &115 and Oil Mines Regulations, 2017; regulation no.114 (4 & 5)].

(g) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

Note: The Chief Electrician must be conversant with the offered AC-SCR or AC-VFD system of drilling rigs.

(x) **MECHANIC:**

(a) Should have a minimum of 3 (three) years' work experience as Mechanic in drilling rigs.

(b) Should 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.

(c) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(d) Should possess valid MVT certificate and knowledge of firefighting at well site.

(xi) **ELECTRICIAN:**

(a) Should have a minimum of 3 (three) years' work experience as electrician in drilling rigs.

(b) Qualification: Must be Diploma in Electrical Engineer or ITI (two years course preferably from Government recognized institute) in Electrical discipline.

(c) Should be able to read circuits, communicate, detect and rectify faults.

(d) Must possess valid Electrical Work Permit 1 & 2 Certificate of competency issued by State Licensing Board.

Validity of permits – Must have a valid workman permits, allowing them to work in the state / region where they are deployed. Responsibility for ensuring adherence to these norms' rests with the contractor.

[Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010; regulation no. 3,6,29 &115 and Oil Mines Regulations, 2017; regulation no.114 (4 & 5)].

(e) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(xii) **ASSISTANT ELECTRICIAN:**

(a) Should have a minimum of 1 (one) year work experience as electrician / assistant electrician in drilling rigs.

(b) Qualification: Must be Diploma in Electrical Engineer or ITI (two years course preferably from Government recognized institute) in Electrical discipline.

(c) Should be able to read circuits, communicate, detect and rectify faults.

(d) Must possess valid Electrical Work Permit 1 & 2 Certificate of competency issued by State Licensing Board.

Validity of permits – Must have a valid workman permits, allowing them to work in the state / region where they are deployed. Responsibility for ensuring adherence to these norms' rests with the contractor.

[Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010; regulation no. 3,6,29 &115 and Oil Mines Regulations, 2017; regulation no.114 (4 & 5)].

(e) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(xiii) **HSE OFFICER:**

(a) Qualification: Shall be a graduate in Engineering/Safety & Environment or related discipline from a recognized institute with a recognized professional qualification in HSE management.

(b) Experience: Minimum one (01) year field experience as HSE officer in E&P sector. Health, Safety & Environment experience includes formation and implementation of HSE policies, Work Site Inspection & hazard Identification, Training of employees, Task risk Assessments, Permit To Work systems, pre job safety meeting, Accident, incident and

Near Miss Investigation & analysis, Report making & Record Keeping, Selection of PPEs suitable for work activity & work environment, Work site Inspections & Audits, and Emergency Response Planning & Loss Control programs, taking precaution for pollution control and environmental management. Should have knowledge on ISO (Safety & Environment), ISRS certifications etc.

(c) Should be conversant with various sequence of operation in drilling rig.

(d) Should have fair idea of Mines Act, 1952 & OMR,2017 and all other Rules (Mines Rule, 1955,
MVTR, 1966) Regulation (OMR1984), Environment Act'1986

(e) Job Description: Duties & responsibilities include safety (including pollution control) during drilling site preparation, rig up, rig down & rig move, raising & lowering mast, rig floor operations like, well killing, making & lowering of BHA, cementing jobs, tripping in/tripping out tubular, rigging up of well heads, safety meeting during crew change, pre job safety meetings, routine inspections of rig & well site, preparation of job specific SOP in local language, Bridging document, ERP (Emergency Response Plan), Risk Register, preparation of Job Safety Analysis, Permit to Work systems, investigation & analysis of accidents, incidents & near miss. Any other duties related to HSE management in rig site and camp site. To follow all DGMS, OISD & MoEF guidelines and submit return at specified intervals.

(i) Responsible for designating 'Safe Briefing Area' and advising all personnel of the 'current' safe briefing area.

(ii) Responsible for issuing PPE, safety equipment to all personnel arriving at rig and ascertain that all personnel use and maintain this equipment properly.

(iii) Responsible for designating location entrance and exit.

(f) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(xiv) **MEDIC / DOCTOR:**

(a) QUALIFICATION: Must be minimum MBBS degree holder & registered medical practitioner.

(b) EXPERIENCE: Shall have a minimum work experience of 1 (one) year in any hospital / rig site drilling camp.

(c) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(d) Should provide a unique permanent registration number (UPRN) under State Medical Councils.

(xv) **WELDER:**

(a) QUALIFICATION: 01 (One) year ITI certificate in welding trade from any institutions recognized by state or central government technical education board.

(b) EXPERIENCE: Should have at least 03 (three) years of experience in oil industry as a welder and must be conversant in welding / cutting of casing and well head accessories.

(c) Should be conversant with Permit to Work.

(d) Should be conversant with different type of welding rods and their proper uses.

(e) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(f) Should possess valid MVT certificate and knowledge of firefighting at well site.

(xvi) **GAS LOGGER:**

(a) Should have 01 (one) year experience as mud logger/gas logger/ gas tester in drilling or workover rigs or oil field operations.
Or
Should have 02 (two) years' experience working in drilling rig under Mud Engineer or as a roustabout with knowledge of cuttings sample, gas meter, rate of penetration etc.

(b) Should have knowledge of Operation of explosive meter to record gas reading.

(c) Should have knowledge of Collecting and preserving bottoms up sample.

(d) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(e) Should possess valid MVT certificate and knowledge of firefighting at well site.

(xvii) **TOP DRIVE OPERATOR / TECHNICIAN:**

(a) Should have knowledge of Top drive system.

(b) Should be trained in Top drive system, preferably at OEM's training centre or at OEM authorized training centre.

(c) Should be of sound health and have at least 02 (two) years' work experience in

operating, rigging-up & rigging-down a similar top drive unit attached to the offered drilling rig(s).
(d) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(e) Should possess valid MVT certificate and knowledge of firefighting at well site.

(xviii) **HEAVY CRANE OPERATOR:**

(a) Should have a minimum of 03 (three) years' work experience in operating a heavy crane attached to drilling rigs.

(b) Must be conversant with all the Mobile Crane Hand Signals.

(c) Valid license for heavy duty vehicles/ crane.

(d) Crane operator certification from Govt. registered training centre.

(e) Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(f) Should possess valid MVT certificate and knowledge of firefighting at well site.

(xix) **ROUSTABOUT:**

Should be of sound health to work in adverse weather condition in drilling well and must be supported by form 'O' verified by as depicted in HSE specification (7.3.14 of Section II).

(xx) **OTHER PERSONNEL:**

Adequate number of experience personnel to run the camp/kitchen/ Mess smoothly shall be kept by the Contractor. One camp boss on 24 hours basis will be responsible for smooth running of the camp/mess. Kitchen and cooking shall be supervised by a qualified chef. The following additional personnel are to be made available compulsorily throughout the contract period.

Category	Nature of Duty		Minimum Experience
Cook for camp site	02 Nos (Two)		With adequate experience
Camp Boss	Should be available for 24 hours/day	01 (one) No.	-Do -

Laundry attendants	12 hours/day	02 (two) Nos.	-Do -
Camp Cleaner	01 (one) No.		-Do -
Field administrator	On call basis 12 hours	01 (one) No.	-Do -

NOTES:

(i) On top of the experience of the personnel as listed above, they all should be conversant with BOP drill as per standard oilfield practice.

(ii) The Contractor shall forward the list of proposed personnel (except Rig Managers/Rig Superintendent) to be deployed in Rig for services mentioned above along with their photographs, bio-data, qualification, experience, track record of the personnel, with all supporting documents, certificates etc. as per Proforma (Annexure-III) at least two months prior to completion of mobilization of the Rig for permission/ approval of the company. Any additional manpower deployed by the Contractor shall be at the expense of the Contractor.

Bio-data of Rig Managers/Rig Superintendent as per Proforma (Annexure III) along with their photographs, supporting documents, certificates etc. should be submitted with techno-commercial bid.

Note: Contractor's proposed key personnel shall have to appear and qualify in an interview conducted by OIL prior to their deployment and the contractor can deploy only the key personnel permitted/approved by the company in writing.

(iii) An undertaking from all the Contractor's personnel as per Proforma (Annexure-VII) should be submitted to Company after deployment of manpower prior to commencement of work/completion of mobilization.

(iv) The personnel deployed by the Contractor should comply with all the safety norms (statutory/standards/guidelines) applicable during operation. They should be conversant with BOP drill and Fire Drill as per standard oilfield practices.

(v) Medical Fitness: The Contractor shall ensure that all of the Contractor's Personnel shall have a full medical examination (by a qualified and registered doctor) prior to commencement of the Drilling operation and the certificates of all such personnel in form 'O' of The Mines Act 1952 should be submitted by the contractor.

(vi) Training Courses/Certificates/Tickets:

(a) The Contractor shall ensure that all of the Contractor's Personnel performing services hereunder shall have attended all relevant safety and operational training courses such

as Mines Vocational Training (MVT), First Aid Certificate course (FAC), Fire Fighting (FF), etc. required by "The Mines Act 1952" & "OISD Guidelines" and as is generally consistent with international petroleum industry practice and/or as otherwise required by the Company.

(b) The Contractor shall submit copies of all such certificates prior to mobilization & also keep such records at well site for the Company's inspection as & when required.

(c) Rig Tool pushers, Drillers, Asst. Drillers and HSE Officers shall have valid First Aid Tickets. (Minimum 2 persons having F/A certification per shift will be required during operation.)

(d) MVT is mandatory for all personnel working at the rig site except Project coordinator, Chief Electrician, Electrician, Assistant Electrician, HSE Officer and Medic/Doctor.

(vii) Adequate number of experienced personnel to run the camp / kitchen / Mess smoothly should be kept. One Camp Boss on 24-hr basis will be responsible for smooth running of the camp / mess. Hygienic Kitchen and cooking shall be supervised by a qualified chef.

(viii) The Contractor should 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 / tubing tong operator, services of unskilled labour as and when required for the following multiple jobs:

(a) Chemical Helpers
(b) Engineering helpers (Additional)
(c) Electrical helpers (Additional) - The helpers involved in carrying out electrical jobs should have valid electrical wireman permit issued by State Licensing Board.
(d) Persons on rack during casing / tubing job.

(ix) Employment of personnel other than key persons shall be at the discretion of the Contractor 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. But due to Regulatory & Statutory Reasons (like The Mines Act 1952, The Mines Rule 1955, OMR 2017, CEA 2010 including latest revisions etc.), the Contractor may have to increase the number of Key Personnel without any financial implications.

(x) On/off duty details of rig personnel should be indicated. The on-off pattern of rig personnel must comply with The Mines Act 1952 / The Oil Mine Regulation 2017 with latest amendment.

(xi) The Bidder shall indicate their manpower category-wise clearly in their offer. The qualification / experience / track record of the personnel proposed to be deployed shall have to be indicated clearly. Any additional manpower deployed by the Contractor shall be at the expense of the Contractor. **The age of key personnel except Rig Manager/Rig**

Superintendent should not be more than 50 (fifty) years. However, the Company reserves the right to permit personnel between 50 to 60 years of age with good health condition.

(xii) The Contractor shall be responsible for arranging relief of personnel during vacation, statutory off days, sickness etc. entirely at their cost. However, the relief personnel also should meet the qualification and experience as indicated above. Contractor should submit the bio-data/qualification/experience/track record of the relief personnel along with recent photographs for OIL's scrutiny. Moreover, the Contractor will have to obtain prior permission/approval from Company for the relief personnel of the Contractor.

(xiii) Company reserves the right to instruct the Contractor for removal of any Contractor's personnel who in the opinion of the Company is technically not competent or not rendering the services faithfully, or due to other reasons. The replacement of such personnel will be fully at the cost of the Contractor and the Contractor shall have to replace this/these personnel within Fifteen (15) days of such instruction. The replacement personnel must have the requisite qualification and experience as indicated in the contract and their credentials along with recent photographs must be submitted to Company for approval prior to their engagement.

(xiv) All charges for personnel are included in Day rates. No separate charges shall be payable for the personnel deployed.

(xv) Confirmation with regard to above is to be submitted along with the un-priced bid.

(C) PERSONNEL ASSIGNMENTS:

(i) Prior Notice: Contractor shall notify Company of crew changes at least 02 (two) days in advance of the scheduled date.

(ii) Planned Changes: Contractor shall advise Company of any planned changes to key Personnel at least 14 (fourteen) days in advance of the scheduled date. Company approval is required prior to proceeding with such changes.

(iii) Key Personnel Replacement: Contractor shall advise Company of any Key Personnel replacement at least 07 (seven) days in advance of the scheduled date. Company approval is required prior to proceeding with such changes.

(D) PERSONNEL TRANSPORTATION:

Contractor, at its own expense, will ensure transportation for its personnel, including personnel mobilisation, de-mobilisation and during rig operations.

(E) COMMON RESPONSIBLILTIES OF THE KEY PERSONNEL:

(i) Inspect, as often as may be necessary, the installations of the mine with a view of hazard identification which may cause bodily injury or impair health of any person or environment and advise on measures necessary to prevent dangerous situations.

(ii) Enquire into the circumstances and causes of all accidents/incidents whether involving persons or not and advise on measures necessary to prevent recurrence of such accidents/incidents. Collect information, analyze and compile the causes of accidents/incidents and dangerous occurrences with a view to promote safe practices and improvement of working environment.

(iii) Documentation, record keeping of all safety practices conducted as per international standard and applicable laws, act & regulations of India as per standard practice and these records should be made available for inspection at any point of time.

(iv) Duties and responsibilities include safety during drilling site preparation, rig up, rig down & rig move, raising & lowering mast, rig floor operations like making & lowering of BHA, cementing jobs, tripping in / out of tubular, safety measures during lowering of casing, during hot & cold work, wireline logging operation etc.

(v) To follow all guidelines of DGH-India & MoFE & CC and ensure the submission of various return at specified intervals.

(vi) To monitor the issuance of safety equipment (PPE) to all personnel arriving at rig and ascertain that all personnel use and maintain this equipment (PPE) properly.

(vii) To monitor/ensure use of permit to work system, pre job safety meeting, report making & record keeping, routine work site inspection and audits.

(viii) To ensure preparation of job specific SOP in local language, ERP (Emergency Response Plan), update of risk register, preparation of job safety analysis as and when advised by OIL.

(ix) To monitor necessary precaution is taken for pollution control & environmental management.

(x) To submit DPR (Daily Performance Report in IADC format) to company representative or any other person authorized by the company.

(xi) Responsible key personnel to participate in daily operational morning meeting at well site conducted by Company Representative or any other person authorized by the company.

(F) SECURITY SERVICES:

The Contractor shall be wholly responsible for complete Security of their personnel, their Rig package, Well Sites, Base Camp, etc. during ILM, operations, 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 personnel, equipment & other materials of the Company & Company's third party service providers at well sites and at camp sites throughout the tenure of the contract. All security related issues shall be dealt with by the Contractor on their own including dealing with Government agencies. Company will provide suitable fencing with security gate at all the well sites. However, the security fencing at camp sites (if it is not located within the well sites) will be Contractor's responsibility. The Contractor shall provide proper area lighting at well sites as well as at camp sites. The Company will in no case be involved in security related issues. The Contractor shall also be responsible for safety and security of the Company's & Company's third party personnel / equipment / tools / materials etc. at the well sites and at camp sites and shall provide best security services to them during the tenure of the contract.

(G) THE DETAILS OF JOBS BUT NOT LIMITED TO ARE AS FOLLOWS:

(i) Drilling of holes of various sizes.
(ii) Mixing & conditioning of mud.
(iii) Reaming/hole probing, hole opening and conditioning.
(iv) Running in of various sizes of casings and their cementation.
(v) Casing retrieving.
(vi) Round Tripping with drilling equipment and tools.
(vii) Assembling and dis-assembling of BOP, well head items, riser, flow branch, etc.
(viii) Circulating and conditioning mud.
(ix) Testing of wellhead hook up at various stages of drilling.
(x) Drill stem testing and any other special operation.
(xi) Drilling deviated hole as per instruction of third party directional engineer.
(xii) Fishing operations including but not limited to working on stuck pipe and backing off drill pipes/casing string.
(xiii) Operations with Rotovert, packers and production tools, tubing etc, as and when necessary.
(xiv) Cutting or slipping casing line at intervals as per normal policy.
(xv) Operate BOP and choke manifold etc. for controlling the well during well kick and kill the well satisfactorily.
(xvi) Carry out various drills as per policy.
(xvii) Rigging up production equipment, tripping of production string, etc.
(xviii) Coring by using various sizes and types of coring bits and core barrels as directed by third party coring service provider.
(xix) Picking & making up, breaking and laying down of any tubular viz. drill pipe, HWDP, drill collars, tubing, reamers, stabilizers, bits, etc.
(xx) Changing bit and other drilling tools
(xxi) Drilling/cleaning out cement, collar, shoe, cement/bridge plug etc.

(xxii) Power tong operation for all sizes of casing (During running and retrieving).
(xxiii) Production testing of well as per the Company's requirement.
(xxiv) Well killing & controlling operations.
(xxv) Any other operating pertaining to oilfield operation including but not limited to isolation repair, casing patch, milling, hermetical testing etc., but not mentioned in this Contract, will have to be carried out by the Contractor as per the advice of the Company.

(END OF SECTION – II, PART – 3)

PART-3
SECTION – III

SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) shall supplement and/or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

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 etc.

1.2 "**Base camp**" means the camp where the Contractor's personnel, Company's personnel and Company third party personnel shall reside for carrying out the operations as per the contract.

1.3 "**Contractor's representatives**" means such persons duly appointed by the Contractor thereof at site to act on Contractor's behalf and notified in writing to the Company.

1.4 "**Drilling Operation**" means all operations as generally understood for drilling Oil/Gas wells, more particularly all the operations required to be carried out pursuant to this contract.

1.5 "**Drilling Unit**" means drilling rig complete with pumps, power packs, and other accessories and equipment as listed in the Contract.

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

1.7 "**Operating Area**" means those areas in onshore India in which Company or its affiliated Company may from time to time be entitled to conduct drilling operations.

1.8 "**Operation Base**" means the place or places, onshore, designated as such by Company from time to time.

1.9 "**Spud-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.

1.10 "**Certificate of Completion**" means certificate issued by the Company to the Contractor stating that the Contractor has successfully completed the jobs/works assigned to him/them and submitted all necessary reports as required by the Company.

1.11 "**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.

1.12 "**Contractor's items**" means the equipment; materials and services, which are to be provided by Contractor at the expense of the Contractor, which are listed in section under terms of reference and technical specifications.

1.13 "**Day**" means a calendar day of twenty-four (24) consecutive hours.

1.14 "**Contractor's personnel**" means the personnel as mentioned under section terms of reference and technical specification, to be provided by Contractor from time to time to conduct operations hereunder.

1.15 "**Commencement Date**" means the date on which the first well under this contract is spudded in.

1.16 "**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.

1.17 "**Approval**" as it relates to Company, means written approval.

1.18 "**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.

2.0 MOBILIZATION:

2.1 The mobilization of the Drilling Rig Package shall commence on the date of issue of the mobilization notice by OIL and continue until the complete Drilling Rig Package along with all equipment, tools, accessories, materials and manpower is properly positioned at the first drilling location, rig-up operations completed and the well is actually spudded in as per policy.

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

of mobilization. Mobilisation in all respects shall be completed by Contractor within 120 days of receipt of OIL's LOA or mobilisation notice, whichever is later.

Company may inspect the rig package before mobilization. Thus, complete rig package should be offered for inspection by Company's representatives or through any one of third party inspection agency as mentioned in Para 3.4 of PART-2, prior to mobilization with at least one month notice. Bidder should indicate their acceptance to this effect in the techno-commercial bid.

2.2 The Contractor will advise readiness for commencement of mobilization/shipment to Company after the effective date (i.e. date of receipt of LOA or date of receipt of mobilization notice), at least 3 days before actual mobilization/shipment commences.

Note: All documents pertaining to the Rig in connection with the import of the Rig, Block transfer, etc. as applicable under law will have to be submitted/applied prior to mobilization. Mobilization will not be treated as complete by OIL unless all the documents submitted are found to be in order and to the satisfaction of OIL.

2.3 Mobilization charges will be payable after the Date of Commencement of Contract as to be certified by the Company representative.

2.4 Company at its discretion may allow spudding-in or continue drilling operations in well without complete mobilization. In such event, an amount proportionate to the short supplied items will be withheld from mobilization charges. However, Contractor must indicate the tentative date of mobilization of such item(s)/ equipment/accessories/tools.

(i) The amount to be withheld from mobilization charges for short supplied items will be calculated based on Company's determined cost, which shall be treated as final, basis of which shall be provided to the Contractor. The withheld amount towards mobilization will be released to Contractor once the short supplied items are made available/supplied by the Contractor.

(ii) As penalty the rental charges for short supplied items will be deducted from Contractor; it will be calculated based on Company's determined cost, which shall be treated as final, basis of which shall be provided to the Contractor. The deductions will be made from contractors running monthly invoice / bill till the short supplied items are supplied by the Contractor.

(iii) Deductions will be calculated after amortizing the cost of the item over a period of five (5) years applying 15% PTRR (Post tax rate of return).

(iv) Deduction of rental charges towards short supplied items will cease once the items are made available by the contractor at well site. However, company will inspect prior to acceptance.

(v) Contractor shall inform the Company in writing indicating the date of availability of short supplied items at drill site & in no case the drilling operation should suffer for want of such items.

(vi) In the event any operations at well site suffers for non-availability of Contractor's item / equipment / accessories / tools then nil day rates will become applicable. This clause will be applicable notwithstanding any other provisions in contrary elsewhere in this contract.

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

2.5 DATE OF COMMENCEMENT OF OPERATION: The date on which the mobilization is completed in all respects and Contractor is ready to commence operation as per the Contract provision [Certified by the Company's representative] will be treated as the date of Commencement of Operation.

2.6 DURATION OF THE CONTRACT: The Contract shall be valid for a period of 02 (two) years from the date of its commencement, extendable by maximum 1 (one) year or part thereof at the same terms and conditions and mutually agreed rates but not higher than the original rate(s) of the contract. However, the rates, terms and conditions of Contract will continue until the completion, of the last well being drilled inclusive of production testing and abandonment of the well, at the time of end of initial term of Contract or any extension thereof.

3.0 CONTRACTOR'S PERSONNEL:

3.1 Except as otherwise hereinafter provided, Contractor shall be responsible for the selection, replacement, and determining remuneration of Contractor's personnel. Such employees shall be employees solely of the Contractor. Contractor shall ensure that its personnel will be competent and efficient. However, the Contractor 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 Contractor shall not deploy its personnel unless cleared by the Company.

3.2 The Contractor shall authorize the Rig Manager / Superintendent to liaise with Company's representative & Company's third party service providers for all day to day operational requirements. Additionally, the Rig Manager / Superintendent should also resolve other day to day matters which arise at site.

3.3 The Contractor shall be responsible for arranging relief of personnel during vacation, statutory off days, sickness etc. entirely at their cost. However, such relievers must also have the qualification/experience as indicated in Section-II, 'Scope of Work' and Contractor should submit qualification / bio-data / experience / track record of the personnel. Moreover, the Contractor will have to obtain prior permission/approval from Company for the relief personnel of the Contractor.

3.4 The Contractor 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 Contractor 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 Contractor shall be at the expense of the Contractor.

3.5 Replacement of Contractor's Personnel: The Contractor will immediately remove and replace any of their personnel, who in the opinion of the Company is incompetent or negligent or of unacceptable behavior or whose employment is otherwise considered by Company to be undesirable. The replacement personnel must also have the qualification/experience as indicated in Clause No. 16 under GROUP – III of Part-3, Section-II. The Contractor shall submit qualification/bio-data/experience/track record of the replacement personnel and shall obtain prior permission/approval from Company for the replacement personnel. The replacement of such personnel will be fully at the cost of the Contractor and shall be made within fifteen (15) days of such instruction from the Company.

3.6 Contractor shall deploy on regular basis, all category of their employee required for economic and efficient drilling and other related operations.

4.0 FOOD, ACCOMMODATION, TRANSPORTATION AND MEDICAL FACILITY AT WELL SITE AND BASE CAMP:

4.1 The Contractor shall provide catering services, sanitation, laundry services & accommodation for their employees as well as for Company's employees, employees of Company's third party service provider(s) engaged by the Company and for any other Company designated personnel. Catering Services should include bed tea, breakfast, lunch, evening tea with snacks and dinner.

4.2 Transportation of Contractor's personnel shall be arranged by Contractor 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 Contractor.

4.3 The Contractor shall arrange for first aid & emergency medical facilities (as per OISD guidelines) and doctor including an ambulance on 24 hours basis at Contractor's cost. Contractor shall provide proper First-Aid trained personnel with required quantity of first aid equipment and medicines to meet any emergency.

5.0 CONTRACTOR'S ITEMS:

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

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

5.3 Contractor shall be responsible for the maintenance and repair of all contractors' items and will provide all spare parts, materials, consumables etc. during the entire period of the contract.

5.4 Contractor will provide full water requirement at rig site and campsite. The camp should have proper water filtration plant or provide bottled drinking water.

5.5 The Contractor shall provide all fuel (inclusive of HSD) and lubricants for operation of Contractor's equipment both at well site and camp site at Contractor's cost. There shall be no escalation in day rates throughout the duration of the Contract including extension, on account of any price increase in fuel/lubricants etc. A minimum HSD stock of 12KL at rig site must be maintained by the Contractor at any time. However, variation in the price of HSD both plus and minus after the technical 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, Contractor shall submit the necessary documents like invoice copy. Further the Contractor has to indicate the daily consumption of the HSD. The Contractor also has to submit day wise HSD stock and consumption statement indicating the daily consumption of the HSD for DRILLING Rig package and all its equipment including mud treatment at the site in the DPR/IADC report. The HSD price prevailing in Bhubaneswar, Odisha 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 of HSD to be provided to Company Representative once in a week for ascertaining the consumption of fuels.

5.6 Contractor will provide electricity at both drill-site and campsite for meeting both contractors' as well as Company's & Company's third party requirement.

5.7 *Zero day rates will be applicable in case the operation is to be suspended and rig remains idle for want of Contractor's personnel, items or on account of non-compliance by the Contractor to any of their obligation under this contract.*

6.0 CONDUCTING DRILLING OPERATIONS:

6.1 The Contractor shall carry out all operations mentioned hereunder with due diligence in a safe and workman like 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 revise the well depth either lesser or deeper than originally planned. However, it shall be within the capacity of drilling rig.

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

6.4 The drilling programme to be provided by Company shall primarily include but not limited to the following:

a) Well structure & directional plan (if any).
b) Casing/Liner programme.
c) Well head assembly, blow out prevention system.
d) Expected formation details.
e) Mud rheology and physio-chemical parameters.
f) Coring programme.
g) Cementing programme.
h) Drill stem and surface production testing programme (if any).
i) Wire-line logging programme.
j) Mud hydraulics programme.
k) Well abandonment Programme.

6.5 Well testing programme to be provided by Company shall primarily include but not limited to the following:

a) Well testing programme.
b) Well head assembly, blow out prevention system.
c) Details of well testing string.
d) Mudhydraulics 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.

6.6 Completion of drilling shall occur when the well is drilled to the required depth with casings lowered, cemented, logged satisfactorily, hermetically tested, and drill pipes broken off in singles, initial production testing carried out, well permanently abandoned as per policy (Packer, Cement Plug, recovering of well head etc) & well plinth cleared from all debris/pollutants unless otherwise advised by the Company.

6.7 Upon Drilling of a well, "Well Completion Report (WCR)" and a statement stating that the well has been completed in accordance with the terms of this Contract and signed by the representatives of both Contractor and Company, will be made available to Company.

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

6.9 Safety & Environment: Contractor shall observe such safety & environment regulations in accordance with acceptable oilfield practice and applicable Indian Laws such as Mines Act, Oil Mines Regulation Act 2017, guidelines of OISD, CPCB, SPCB, & MoEF& CC and CEA Regulations (2010) safety rules etc. Contractor shall take all measures necessary to provide safe working conditions and shall exercise due care & caution in preventing pollution, fire, explosion and blow out, and maintain firefighting and well control equipment in sound condition at all times. Contractor shall conduct such safety drills, BOP tests etc. as may be required by Company at prescribed intervals.

6.10 Cores: Contractor shall have to take either rat-hole or full-hole, conventional cores between such depths as specified by Company and in the manner requested by Company in consultation with third party Coring Service Expert, to be provided separately by Company along with relevant coring equipment.

6.11 Cuttings: Contractor shall save and collect cuttings samples according to company's instructions and place them duly labelled in containers furnished by company.

6.12 Hole Inclination: Contractor shall do his best in accordance with good oil field drilling practices to maintain the deviation of the hole within the limit specified by the company in the drilling programme. Should the well deviation from vertical exceed the above-specified limit, contractor will take necessary steps to bring the hole within permissible limit as requested by the company. The Contractor will deliver all such deviation survey records to the company. No separate charge shall be payable for this service and it will be covered under per day rate.

6.13 Planned Directional Drilling: Contractor shall do his best in accordance with good oilfield drilling practices to assist the directional drilling expert & services hired by the

Company to maintain the planned deviation of the hole within the limit specified by the Company in the drilling programme. The Contractor shall deliver all such deviation survey records to the Company.

6.14 Contractor 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, surface production testing, 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: Contractor shall at all times be responsible for keeping accurate record of the depth of the hole including the various components of drill string, fishing string, tubular, casing, etc. or any other tool run into 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 Contractor shall cease drilling and carryout sidetracking of the hole after plugging-back (if required) to be done by Company's engaged third party Cementing Service Provider. All required help for plugging-back operation should be extended by the Contractor.

6.17 Casing and Cementing: Lowering and/or pulling out (if required) of casing/liner are Contractor's responsibility. Contractor shall use best international oilfield practices for handling, running and setting the supplied casing/liner to the required depths as instructed by the Company. In case the casing/liner are required to be retrieved, the Contractor shall take full precautions for safely retrieving & keeping the same segregated at a suitable place. (Note: – Liner Hanger Services whenever required will be hired separately and provided by Company).

The cementation of casing/liner will be carried out by the Company's third party cementing service provider. However, the Contractor shall extend all required assistance for the entire cementing operations. Contractor shall allow cement to set for a length of time as specified by the Company. During such time, Contractor shall assemble blowout prevention equipment and test the same in a manner satisfactory to Company and otherwise make preparation for subsequent work. After cement has set, casing job shall be tested in a manner satisfactory to Company, and Contractor shall continue such testing until results satisfactory to Company is secured. Any re-cementing or repairs to casing will be done at Company's discretion.

6.18 The Contractor is required to provide all necessary assistance as per standard international drilling practice to Mud Engineering Service Provider separately 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 blowout, Contractor shall use all reasonable means at his disposal to protect the hole and bring the said fire or blowout under Control.

6.20 Adverse Weather: Contractor, 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 Unit and personnel to the fullest possible extent. Contractor and Company shall each ensure that their representatives for the time being at well site will not act unreasonably in exercising this clause.

6.21 AMENDMENTS OF DRILLING AND COMPLETION PROGRAMME: It is agreed that Contractor shall carry out drilling, testing, completions, 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 oilfield 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 factor may vary depending on the actual requirement at and during the time of commencement of the contract. The Contractor shall be bound to honor those changes made by Company from time to time, if any.

6.24 WELL COMPLETION/WELL ABANDONMENT: After completion of a well successfully, Contractor will provide the 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 Contractor in Company's prescribed format or as per requirement.

7.0 CONTRACTOR'S SPECIAL OBLIGATIONS:

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

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

7.3 WELL RECORDS: Contractor shall keep an authentic log and history of each well on the daily drilling report prescribed by Company and upon completion or abandonment of the well, deliver to Company, the original history and log, book, properly signed and all other data and records of every nature, relating to the drilling, casing and completion of the well, inclusive of abandonment 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 backup 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 etc.

Contractor shall also provide the following to the company:

i) Daily drilling report on IADC pro-forma duly certified by Company's representative along with daily record-o-graph or drill-o-meter chart. Hardcopies along with softcopies of Daily report of all critical parameters from the Drillwatch system shall be generated in a prescribed soft format and send to concerned Company Representative.

ii) Daily mud report on IADC pro-forma including mud hydraulics (To be collected from Third Party Mud Engineering service provider).

iii) Daily report on P.O.L. consumption.

iv) Deviation charts/records on daily basis, whenever applicable (To be collected from Third Party Directional Drilling service provider).

v) Casing tally/Tubular tally details: After each job, as applicable.

vi) Bit performance record: After completion of each well.

vii) **Well completion/well abandonment report:** After completion of a well successfully, Contractor will provide drilling and 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 Contractor in Company's prescribed format or as per requirement. Entire Drilling Data for a particular well from the Drillwatch system shall be given to the Company Representative in soft form in a transferrable storage device like Pendrive, DVDs or external Hard Drives so that the data can be accessed in future for reference.

Well completion report shall primarily include but not limited to the following for all stages of drilling and abandonment of the drilled well:

- Well head diagrams
- BHA used
- Depth vs Mud Parameters
- Depth vs Drilling Parameters
- Depth vs Lithology
- Drill bit performance
- Different survey reports
- Casing Running in
- Cementing reports
- Testing including well head testing, LOT, Hermetical etc.
- Drilling Complication and Remedies
- Packer setting depth and Cement Plug Jobs details (During well abandonment)
- Time break ups for all drilling related activities.

viii) Daily roster of Contractor's personnel (POB).

ix) The Contractor shall maintain inventory of rig equipment & accessories at site, indicating their respective models, serial nos., vintage, specifications etc. The Contractor shall provide inventory list endorsed by Company representative and any addition & deletion of items will be intimated to Company representative.

x) All items including consumables if imported against Essentiality Certificate (EC) under 'concessional' (Nil) Customs Duty shall be recorded in the proper format, indicating date of receipt, type, consumption, date of replacement etc.

xi) The Contractor shall complete re-export formalities upon completion/termination of this contract against all such items which were brought into India on re-exportable basis and provide the list of the items, equipment, consumables etc. to Company along with all relevant export

documents. It will also be the sole responsibility of the Contractor to ensure cancellation & discharge of all undertakings/bonds from Customs authorities which were provided by Company at the time of import against this contract.

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

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

7.6 Contractor should furnish the list of items, which are required to be imported by Contractor for execution of this contract, in the format specified in Proforma–A, towards which the recommendatory letters to the Directorate General of Hydrocarbons (DGH), New Delhi would be issued subsequently by Company on request for clearance of goods from Indian customs by Contractor at concessional (nil) rate of customs duty.

7.7 Contractor 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 Contractor's equipment/materials to Work place shall be Contractor's responsibility.

Electrical overhead line / electrical obstructions clearance shall have to be arranged by the Contractor. This covers all movements of the rig, including initial deployment to designated well-site, and from there to subsequent well-sites as required.

7.8 In case the Contractor imports the equipment etc. on re-exportable basis, the Contractor 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 Contractor should arrange for re-export of equipment within sixty (60) days of notice of de-mobilization issued by 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 Contractor's account and same will be deducted by the Company from Contractor's bills and Performance Security.

7.9 INSPECTIONS:

(a) **Pre-move Inspection:**

(i) All tubular, fishing tools, drill string, and handling Equipment to be provided by the Contractor as specified must be inspected/tested (NDT) as per relevant API & OISD Standards by an independent third party inspection agency acceptable to Company (DNV/ABS/BV/LLOYDS/TUBESTAR/OAS/MUDOSPEC) at Contractor's cost prior to the Mobilisation/Commencement date.

(ii) Contractor shall ensure that its drill string and all other down hole tools furnished by Contractor are inspected according to DS-1, Level 3/5 standards, as specified under "Scope of Work" in Section-II of Part-3.

(iii) Contractor shall upon request by Company provide documentation of the last inspection of the drill string and hoisting equipment including rotating hours.

(iv) 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.

(v) 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 Contractor 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.

(vi) If new tubular and handling equipment are used, with mill / manufacturer's certification, no inspection will be required.

(vii) Pre-move inspection reports related to all tubular, drill string, and handling Equipment must be submitted to the company at least one month prior to completion of mobilization.

(b) **Inspection during drilling:**

(i) The DRILLING UNIT and EQUIPMENT shall be made available for inspection by Company promptly upon request and as often as Company requests.

(ii) Hoisting and handling equipment shall be inspected in accordance with the intervals as per Contractor's inspection and maintenance standards which should be submitted to the company.

(iii) During the execution of the Work Program, Contractor will frequently inspect the drill string and all down hole tools furnished by Contractor as specified below:

- The Contractor shall carry out inspections of down hole tubulars, equipment and tools regularly in use, at reasonable interval to the standard of DS1-Level 3 at contractor's cost.

- The Contractor shall carry out non-destructive test/inspection of Mast & Sub-structure at reasonable interval at Contractor's cost.

(c) **Blowout Preventer:**

Contractor 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 contractors or Companies safety policy will be corrected prior to continuation of operations. All related documentation will be made available to the Company. BOPs to be installed tested & operated as per latest edition of API RP53 and OISD RP 174.

(d) **Lifting Equipment:**

(i) 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.

(ii) As a minimum, all lifting equipment will be fully inspected on an annual basis by an independent third party, NDT inspectors who are fully qualified to international standard.

(iii) Full visual inspection shall be carried out by every 6 (six) months by Contractor and inspection report should be made available to the Company for review as & when required.

(iv) 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 by the contractor.

7.10 MAINTENANCE:

(i) Contractor 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.

(ii) All replacement parts must be manufactured by the original equipment manufacturer (OEM).

(iii) Fasteners and seal elements for BOP equipment must also be manufactured by the original equipment manufacturer (OEM).

(iv) Complete traceability of all BOP parts, fasteners and seal elements must be maintained by Contractor.

(v) All BOP seal elements are to be stored per manufacturer's recommendations, but not limited to the following:

(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 Contractor necessary introductory/recommendatory letter for obtaining rights of ingress to and egress from the locations from appropriate authorities where wells are to be drilled, tested and abandoned (temporarily/permanently), as required; including any letter required for work permits or licenses for the movement of Contractor's personnel. Should such permits/ licenses be delayed because of objections of appropriate authorities in respect of specific Contractor's personnel; such personnel shall be promptly removed from the list by the Contractor and replaced by acceptable personnel. It shall be the Contractor'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, MANNER OF PAYMENT, RATES OF PAYMENT, SET-OFF, FORCE MAJEURE ETC.

9.1 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.

9.2 MANNER OF PAYMENT: All payments due by Company to Contractor hereunder shall be made at Contractor's designated bank with Reserve Bank of India (RBI)'s approval, if applicable. Bank charges, if any will be on account of the Contractor.

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) years after the date of payment shall make and deliver to Contractor written notice of objection to any item or items the validity of which in question.

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

9.5 Contractor shall submit monthly invoices to Company only after the end of each calendar month for all daily or monthly charges due to the Contractor.

9.6 Billings for daily charges/day rates will reflect details of time spent (calculated to the nearest quarter of an hour) and the rates charged for that time. This should be in the form of monthly time analysis chart(s). Monthly invoices will be raised only after spudding-in of the first well.

9.7 Invoice for reimbursable charges, if any, related to the Contract will be accompanied by documents supporting the cost incurred and duly certified by Company representative.

9.8 Contractor will submit 03(Three) sets of all invoices duly super scribed 'Original' and 'copy' as applicable to the company for processing payment.

9.9 Payment of monthly invoices, if undisputed, shall be made within 45 (forty-five) days following the date of receipt of invoice by Company excepting for the first two (2) and last monthly invoices where some delay (up to two months) may occur.

9.10 Company shall within 30 (thirty) days of receipt of the invoice notify the Contractor of any item under dispute, specifying the reasons thereof, in which 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 OIL'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 Contractor of part payment on any billing not paid on or before the due date shall not be deemed a waiver of Contractor's rights in any other billing, the payment of which may then or thereafter be due.

9.12 Payment of other invoices as set forth in Clause 9.7 (reimbursable items) 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 45 (forty-five) days following the date of receipt of undisputed invoices by Company. Mobilization should 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 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 of taxes for the personnel engaged by the Contractor or by its sub-contractor.

(d) 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.

(e) 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 Contractor before release of the final payment by the Company.

9.15 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. Any audit conducted by Company of Contractor's records, as provided herein, shall be limited to Company's verification (i) of the accuracy of all charges made by Contractor to Company and (ii) that Contractor 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 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).

9.17 SUBSEQUENTLY ENACTED LAWS: Subsequent to the date of bid submission, if there is a change in or enactment of any law or interpretation of existing law, 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.

9.18 At the time of de-hiring of the Rig, Contractor shall dismantle the Rig and all other equipment and vacate the drill site within 30 (thirty) days from date of de-hiring of the rig and remove litter and debris created by the contractor or it's sub-contractor in connection with the work.

10.0 LIABILITY FOR THE WELL:

The Company 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 Contractor for any such cost, regardless of the cause thereof except in the case of negligence of the Contractor, its Agents, Employees or sub-contractors. The Company shall be responsible for and shall indemnify and hold harmless Contractor 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 Contractor, Contractor's sole responsibility thereafter shall be the obligation to repair such damage within the limits of Contractor'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 applicable 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 LOSS OR DAMAGE OF CONTRACTOR'S DRILLING UNIT OR SUBSURFACE EQUIPMENT:

a) The Contractor shall at all times be solely responsible for any damage to or loss or destruction of the Drilling 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, contractors and subcontractor, and Contractor 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.

(b) If the Drilling 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 stand terminated in respect of the Drilling Unit as of the occurrence of the event causing such loss and each party shall thereupon be released of all further obligations hereunder in respect of that Drilling Unit, except for its payment of money then due or liabilities to be charged in respect of the Work already done under this Contract in respect of that Drilling Unit.

(c) Except as otherwise specifically provided in the Contract, any damage to or loss, of the Drilling Unit and/or subsurface tools/equipment regardless of the cause or reason for said loss, shall be the loss of the Contractor, its underwriters or insurers. Contractor indemnifies OIL, its Co-licensees and its and their affiliates, agents, employees, invitees, servants, their underwriters or insurers (other than Contractor's) and their employees, agent from any claim whatsoever or responsibility for any damage to or loss of the Drilling Unit or any other equipment or property of Contractor or Contractor's sub- contractors furnished or intended for use in the operations herein undertaken.

(d) If the Drilling Unit or any part thereof or sub-surface tools/equipment is lost or damaged beyond repair or becomes an actual or constructive compromised, arranged loss or is otherwise abandoned, the Contractor shall, if required by OIL or by the laws, regulation or order of Governmental Authorities or Agency remove the Drilling Unit from operating areas to the satisfaction of Company. If the Contractor unreasonably delays in removing the Drilling Unit or any part thereof, Company may remove it and the Contractor shall indemnify and reimburse Company for all cost and expenses incurred by OIL in connection therewith. Any expense incurred by Company in connection with or for locating the area/price of such loss/damage and/or ascertain whether such loss/ damage has resulted in any pollution or not, shall also be reimbursed by the Contractor to Company.

10.2 COMPANY'S EQUIPMENT: Contractor 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 Contractor, the Contractor shall compensate Company.

10.3 BLOWOUT OR CRATER: In the event any well being drilled hereunder shall blowout or crater due to negligence of the Contractor, Contractor shall bear the entire cost and expenses of killing the well or otherwise bringing the well under control up to US Dollar One Million (or INR 7.5 Cr) for each incident and in this regard, Company shall indemnify and hold Contractor harmless in excess of US Dollar One Million (or INR 7.5 Cr) 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 Contractor's personnel and or damage to the Drilling Unit, caused by such blowout to the Contractor, except as otherwise provided under the terms and conditions of this Agreement.

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

10.5 Company agrees to indemnify and hold Contractor harmless from any and all claims against Contractor based on any incidents arising out of or occurring during the term of this Agreement on account of injury to, destruction of or loss or impairment of any property rights in or to oil, gas or other mineral substance or water if at the time of the act or omission causing such injury, destruction, loss or impairment such substances had not been reduced to physical possession above the surface of the earth, and including any loss or damage to any formation strata or reservoir beneath the surface of the earth.

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) Contractor 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 Contractor's possession and control and/or directly associated with Contractor's equipment and facilities, provided, however, Contractor's liability shall be limited to US Dollars One Million (US$ 1 Million) (or INR 7.5 Cr) where after the Company shall indemnify and hold harmless Contractor for amounts in excess.

b) Except as otherwise provided in article 10.6(a) above, Company shall assume all responsibility for (including control and removal of the pollutant involved) and shall protect, defend and save the Contractor 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 Contractor 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 drilling fluids, contaminated cuttings or caving, lost circulation and fish recovery materials and fluids provided however, Contractor's sole liability under this sub-clause is to reimburse Company US Dollars One Million (US$ 1 Million) (or INR 7.5 Cr) of cost paid/incurred by Company in control of the pollutant, cleanup costs, or damage to a third party, provided said pollution results from contractor's sole negligence.

c) In the event a third party commits an act of omission which results in pollution or contamination for which either the Contractor or Company, by whom such party is performing work is held to be legally liable, the responsibility shall be considered as between Contractor 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 within wellsite, getting filled up in the normal course which can be prevented by the Contractor, the same shall be emptied completely or partially by the Contractor using disposal pumps, to avoid overflow in the neighbouring areas or alternatively the Company may provide additional effluent pits at its cost within the wellsite or at a site adjacent to the well plinth. 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.

e) The Contractor shall be responsible for any sound/noise pollution arising out of the Rig package or other items used by the Contractor at well site and should take measures to bring the noise level to applicable level as per Central/State Pollution Control Board Norms. Contractor shall sort out the noise/sound pollution with the third party either by minimizing the sound/noise pollution with technological means or by compensating the affected people. Contractor 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 CUSTOMS DUTY:

12.1 In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty @5% (BCD Nil & IGST @5%) subject to conditions specified therein (Condition No. 48). However, this is subject to change as per Government guidelines and the provisions ruling at the time of tender closing will be applicable.

Similarly, the domestic supply of such goods would attract 5% GST (i.e. IGST or CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.

12.2 Bidder should provide the list of items to be imported by them under the Contract in the format specified in Proforma-A along with their bid for issuance of Recommendatory Letter to DGH. Contractor shall made written request to Company immediately after shipment of the goods indicated by them in Proforma-A, along with the Invoices and all shipping documents (with clear 15 working days' notice) requesting Company for issuance of the Recommendatory Letter. Company 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. Company shall not be liable in whatsoever manner for the rejection of their claims for Nil rate of customs duty by any of the authorities including DGH. Contractor shall indemnify Company from all liabilities of Customs Duty.

12.3 All costs of imports and import clearances under the contract shall be borne by the contractor and Company shall not provide any assistance in this regard.

12.4 However, in the event customs duty becomes leviable during the course of Contract arising out of a change in the policy of the Government, the Company shall be liable for payment of the customs duties leviable in India on Contractor's items as provided in Proforma-A or the actual whichever is less, provided the 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 the Company and made available to the representatives of Contractor at Kolkata within 3 working days after the 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 mobilization period. In case of clearance thereafter, on the CIF value of items in Proforma-A 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.

12.4.1 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.

12.5 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/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.

13.0 Goods & Service Tax: The quoted price shall be exclusive of Goods & Service Tax. Goods & Service Tax as applicable shall be on Company's account. However, liability for payment of the goods & service tax in case of Indian Contractor and overseas contractors having offices in India will lie on the Contractor.

14.0 DEMOBILISATION & RE-EXPORT: The Contractor 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 Contractor. Demobilization shall be completed by Contractor 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, Contractor 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 Contractor's final settlement of bills and Performance Security

14.1 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 including permission from DGH and Customs authorities, then Contractor shall be fully liable for payment of the Customs Duty.

14.2 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 as applicable after completion of contractual obligations 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 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.

14.3 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 permission from DGH and Customs authorities 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.

15.0 <u>CONFIDENTIALTY:</u> The Contractor agrees to be bound by professional secrecy and undertake to keep confidential any information obtained during the conduct of Drilling 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 Contractor's personnel likewise keep such information confidential.

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

15.2 Contractor 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 Unit to another sphere.

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

16.0 <u>RIGHTS AND PRIVILEGES OF THE COMPANY:</u> The Company shall be entitled:

16.1 To check the Drilling Unit and Contractor's items before the commencement Date. If they are not found in good order or do not meet specifications as per Part-3, Section II, 'Scope of Work' of the bid document or in case of non-availability of some of the Contractor's items listed therein, the Contractor may not be allowed for commencement until the Contractor has remedied such default.

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

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

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

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

a) Contractor's personnel are deemed by Company to be not satisfactory; and/or

b) Contractor's equipment does not conform to regulations or to the specifications laid down in the Contract; and/or

c) Contractor's equipment turns into a danger to personnel on or around the rig or to the well; and/or

d) Contractor'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) Contractor's 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) Contractor is found non-compliant to HSE requirements as per Safe Operating Practices or applicable laws.

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

17.0 EMERGENCY:

17.1 Without prejudice to Clause 10.4 here of 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 Unit, direct Contractor 's personnel in the event that Company's interest will demand so. In such case, Company will notify Contractor of its action and within three (3) days confirm such notice in writing, setting forth the reasons for its action.

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

17.3 All operations so conducted shall remain at the risk of Contractor to the extent Contractor is covered by insurance. When the well has been completed or when the conduct of the operations has been returned to the Contractor, the equipment shall again be put at Contractor'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.

18.0 DURATION: The contract will remain in force for an initial period of two years from the date of commencement. However, the rates, terms and conditions shall continue until the completion of the last well being drilled inclusive of completion of testing operation and abandonment of the well. The contract will also have a provision for further extension by maximum 1 (one) year or part thereof at the same terms and conditions and mutually agreed rates but not higher than the original rate(s) of the contract at the option of Company.

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

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 SUSPENSION AT COMPANY'S REQUEST: The Company shall have the right, without cause, at any time to require the Contractor to suspend the work under this Contract on giving notice to the Contractor 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 Contractor by notice in writing. During the suspension period, Contractor shall be paid as per the provisions of Clause 9.0 of Section - IV 'Schedule of Rates'. The Company shall notify the Contractor, whether it requires the Contractor 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 Contractor before the expiry of the Contract.

21.0 Deficiency: In the event of the Contractor failure to strictly adhere in providing the minimum requirements of key personnel as set out in the Part – 3, Section II, GROUP – III, Clause 16-(A); Table I, the penalty shall be levied at the following rates:

FAILURE/DEFICIENCY	PENALTY
a) SAFETY: Noncompliance of Safety Management System of Drilling Services, Oil India Ltd, violations of HSE specification and statutory requirement will attract penalty (ies).	At the rate of 5% per day of respective day rate
b) Failure to provide Rig Manager, Tool Pusher and Tour Pusher.	At the rate of 5% of the operating day rate for the period of non-availability of Rig Manager, Tool Pusher and Tour Pusher separately in each case.
b) Failure to provide Driller and Asst Driller.	At the rate of 3% of the operating day rate for the period of non-availability of Driller and 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 seven (7) 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 seven (7) days, the penalty will be levied at double the rates mentioned above for each day for non-availability of any key-personnel.

(3) Contractor will be paid zero rates if operation is suspended for non-availability of key-personnel.

(4) In case of short deployment/Deficiency on account of sickness/accident, seven (7) 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 21.0 (Deficiency) will be applicable.

21.1 Failure to provide any associated services or break down of any related items/equipment, Penalty will be levied at the rate of 5% of operating day rate per day for initial two (02) days. Beyond 2 days, the penalty rate will be double. (Prorate rates will be calculated for any part thereof). Company at its discretion may suspend operation at any point of time for the no availability of any such services during the contractual period and zero rates will be applicable during the period.

21.2 Top Drive System: Zero rates will be applicable if Company decides not to continue operation due to non-function of the Top Drive System. However, during the period of operations being continued with Kelly Drive System due to breakdown of TDS all the day rates (i.e. operating, standby, rig repair, force majeure and stack) will be slashed 80% (Eighty Percent) of respective day rates.

Note: Nil day rates will be applicable during the entire period of change over from top drive system to Kelly drive system or vice-versa.

22.0 INTER-LOCATION RIG MOVE STANDARD:

22.1 Time allowed for inter-location movement of entire rig package for a distance up to fifty (50) Kms shall be fifteen (15) days. For more kilometrages, the time allowed shall be in proportions of one (1) day for each 30 KM or part thereof. In case of cluster location on the same well plinth time allowed for inter-location movement of rig package shall be seven (07) days.

22.2 In case of shifting of the base camp of the Contractor, to another area, addition of five (05) 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.

22.4 The ILM charge shall be discounted by 5% for each day's delay beyond the standard, as stipulated in 22.1 and 22.2, of total cost for inter-location movement rate payable for that particular rig movement, when the rig move is delayed beyond the standard.

23.0 PREVENTION OF FIRE AND BLOWOUTS:

23.1 Contractor 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 Contractor shall be responsible for taking all preventive and corrective measures for initial control of kick, inflow, fire and blowouts. After initial control of well, Contractor 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 Bridging document & Risk Register to be prepared by the contractor, mentioning Contractor's role in case of fire/uncontrolled release of well fluid or any other such eventualities.

23.3 The Contractor shall test the BOPs by making pressure test at least once in every 21 (twenty-one) days or such time as instructed by the Company Representative. However, the testing procedure and frequency must comply with the OMR &/or OISD Std. RP174. Contractor shall record results of all such tests in the daily operation report. Replacement of all blowout prevention rubber parts shall be on Contractor's account.

23.4 Contractor shall use all reasonable means to keep the hole and all strings of casing filled with drilling fluid at all times.

24.0 SAFETY: Contractor shall take all measures necessary or proper to protect the personnel, work and facilities and shall observe all reasonable safety rules and instructions. No smoking shall be permitted outside the living quarters, and welding jobs will be carried out with full safety precautions. Company employee also shall comply with safety procedures/policy.

25.0 DISCIPLINE: The Contractor shall carry out operations hereunder with due diligence and in a safe and workman like manner according to good international oilfield practice. The Contractor shall maintain strict discipline and good order among their respective employees and their respective Sub-contractors, if any, and shall abide by and conform to all rules and regulations promulgated by the Company and Contractor governing the operations at the assigned worksites. Should the Company feel with just cause that the conduct of any of the Contractor's personnel is detrimental to Company's interests, the Company shall notify Contractor in writing the reasons for requesting removal of such personnel. The Contractor shall remove and replace such employees at their expense within fifteen (15) days from the time of such instruction given by the Company. If no replacement has been provided within this time the Company shall reduce the daily rate by the amount specified for this category under Clause 21.0 above until such replacement has been

provided. The person so removed shall not be employed again without the prior written consent of the Company. Contractor shall not permit any of its employees, representatives, agents or sub-contractors to engage in any activity which might reasonably be considered to be contrary or detrimental to the interest of the Company.

26.0 WATER MANAGEMENT:

(i) The Contractor is solely responsible for making available the required water for well site & campsite use. The sinking of deep tube wells at the respective sites and installation/ operation of water pumps, extraction of water from deep tube wells or collection from natural sources nearby including treatment of same for rigs as well as camp shall be the Contractor's responsibility. If acceptable quality of water is not available at Site and/or no water is found at the well site/camp, the supply of acceptable quality of drill & portable water from alternate sources shall be the sole responsibility of the Contractor.

(ii) Strict control has to be made on the use of water. Wastage of water increases the effluent volume in the pit and may aggravate pollution problems.

(iii) The valves, glands, hoses etc. are to be checked for any leakage and the same to be informed immediately to the concerned for rectification.

iv) Arrangements have to be made for pumping effluents into the nearest dry pit as provided by the Company in case of emergency.

NOTE:

(i) In case, the rig remains idle for want of acceptable quality water, then 'NIL' Day Rate shall be applicable for the entire period of shut-down.

(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 Contractor has to take urgent & all effort to replenish the stock immediately in order to tackle the water problem.

(iii) To cater the need of all emergencies an alternate adequate water source should be identified & arrangement should be kept ready to provide water to camp/well-site to meet the emergencies

27.0 EFFLUENT PIT BUNDS:

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

27.2 The bunds/walls of the effluent pit are to be checked by Contractor for any breaches/overflow during the operation. Any imminent breach/overflow of effluent bunds and walls shall be informed by Contractor 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 Contractor to Company, Contractor shall be responsible.

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

29.0 COMPREHENSIVE 'HSE' GUIDELINES:

29.1 The contractor 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 Contractor at the time of need.

29.2 It will be solely the Contractor'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-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.

29.3 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 (PPE) 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, India approved. Necessary supportive document shall have to be submitted as proof. Moreover, the electrical persons should be provided with Electrically safe safety shoes, rubber hand gloves suitable for working at the maximum voltage level used in rig and leather hand gloves for handling cables. However, it will be the Contractor's sole responsibility to ensure that the 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.

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

29.5 The Contractor shall provide a copy of the SOP duly signed by the contractors Representatives to the person designated by the mine owner who shall be supervising the Contractor's work.

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

29.7 Contractor 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 should develop and provide to the mine owner a site specific code of practice in line.

29.8 All persons deployed by the Contractor for working in a mine must undergo Mines Vocational Training, initial 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.

Note: Contractor can nominate their personnel to undergo MVT at any MVT institute recognized by DGMS (also includes OIL's MVT institute) without affecting the operations.

29.9 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, Number of work persons deployed, how many work persons hold MVT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons.

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

29.11 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/Company's representative/Company's Safety Officer for safe operation.

29.12 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.

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

29.14 The Contractor shall have to report all incidents including near miss to Installation Manager/Company Representative of OIL.

29.15 The Contractor has to keep a register of the persons employed by him/her. The Contractor's rig manager/rig superintendent shall take and maintain attendance of his personnel every shift for the work.

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

29.17 The medical examination aforesaid shall be carried out by a Medical Officer appointed for the mine or a Medical Officer in the employment of the owner of the mine, if any, or by any medical officer employed in the Coal Mines Welfare Fund Organization or any other mines Welfare organization, failing which by any State or Central Government medical officer not below the rank of an Assistant Civil Surgeon. The proof of such test(s) is to be submitted to OIL, in both the cases in the latest "O" form with all the test results. The frequency of periodic medical examinations should 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.

29.18 To arrange daily tool box meeting, Job Safety Analysis (for Critical Jobs) and regular site safety meetings and maintain records.

29.19 As per DGMS circular & Gazette Notification for Maintenance of register as required by the Mines Act 1952 and Mines Rules, 1955, the forms A, B, D and E have been updated and modified. The above-mentioned forms need to be maintained as per the new format by the Contractor.

29.20 A Contractor 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.

29.21 A Contractor 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.

29.22 Contractor's arrangements for health and safety management shall be consistent with those for the mine owner.

29.23 In case Contractor is found non-compliant of HSE laws as required, the 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.

29.24 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 Contractor to cease work until the non-compliance is corrected.

29.25 The Contractor should prevent the frequent change of his contractual employees as far as practicable.

29.26 The Contractor should frame a mutually agreed bridging document between the Company & the Contractor with roles and responsibilities clearly defined.

29.27 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.

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

29.29 Contractor shall observe such safety regulations in accordance with acceptable oilfield practice and applicable Indian Laws. Contractor 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. Contractor shall conduct such safety drills, BOP tests, etc. as may be required by Company at prescribed intervals.

29.30 Contractor shall provide all necessary fire-fighting and safety equipment as per laid down practice and as specified under OISD - STD - 189 and OMR.

29.31 Fire protection at drilling sites shall be the responsibility of the Contractor. Necessary action shall be taken and prior arrangements to be made for providing at least three competent persons trained in the field of basic fire-fighting course (from any board or an institute recognized by state/central government of India) as per OISD-GDN-228 on any shift at the rig site.

29.32 The Contractor shall submit details of measures adopted towards management of environment protection (waste management / engine emissions / Noise monitoring / water management etc.) and improving the quality of the environment for submission of Environmental Statement to the SPCB for every financial year.

29.33 Documentation, record keeping of all safety practices should be conducted as per international/ Indian applicable laws, act, regulations etc., as per standard Oilfield practice and these records should be made available for inspection at any point of time. The H.S.E policy as well as emergency procedure manual should be kept at site. Compliance of these shall be the sole responsibility of the Contractor.

30.0 HSE POLICY: The Contractor shall forward HSE policy to the Company along with the bid. On award of contract, the Contractor shall submit comprehensive HSE manual & procedure and HSE plan for approval of OIL.

31.0 EMERGENCY RESPONSE PLAN: The Contractor shall maintain Rig Specific Emergency Response Plan (ERP) for onsite. The Contractor shall also maintain Risk Register.

32.0 Ministry of Environment, Forest & Climate Change (MoEF & CC) Guidelines:

i) Pre commissioning rig inspection, safety meeting, tools box meetings, job safety analysis and audits shall be carried out to identify hidden/potential hazards including risk register and ERP (Emergency Response Plan).

ii) The DG sets shall have suitable acoustic enclosures to contain the noise level within the CPCB specified limits. The Contractor shall regularly measure the noise levels at noise generating sources and at the periphery of the well site. Necessary mitigation measures shall be adopted to reduce noise levels at source and at the drill sites to meet the norms notified by MoEF & CC and CPCB. Height of all stacks/vents shall be provided as per CPCB guidelines. Noise meter should be available with the rig package.

iii) To prevent well blowouts, during drilling operations, Blowout Preventer (BOP) system shall be installed. Blowout preventer measures during drilling shall be focus on maintaining well bore hydrostatic pressure by proper pre well planning and drilling fluid etc.

iv) The emissions of RSPM, SPM, SOX, NOX, and HC & VOC from DG sets shall conform to the standard prescribed by MoEF & CC and CPCB. Regular monitoring of Ambient Air for HC and VOC shall be carried out as per CPCB guideline. Stack height attached to DG sets shall be as per CPCB guidelines and shall have suitable emission measurement/monitoring device. Engine exhaust / emission monitoring records in compliance of the CPCB norms shall be submitted once in every two months.

v) The overall noise level in and around the plinth areas shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA rules, 1989 that is 75 DBA (daytime) and 70 DBA (night time).

vi) The Contractor 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.

vii) Water withdrawal and consumption details shall be recorded/monitored and report shall be submitted in every month.

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

33.0 <u>Records & Documents to be maintained at well site:</u> Documentation, record keeping of all safety practices should be conducted as per applicable international/Indian laws, acts, regulations etc., as per standard Oilfield practice and these records should be made available for inspection at any point of time. The H.S.E (Health, Safety and Environment) policy manual, SOP (safe operating practices), risk register & bridging document should be available at site. Compliance of these shall be the sole responsibility of the Contractor.

LIST OF RECORDS / REGISTERS / FORMS / DISPLAY (but not limited to)

TO BE MAINTAINED AT WELL SITE

1. Pressure test of BOP and choke & kill manifold
2. BOP function test
3. BOP Pressure Test
4. BOP drill
5. Fire Drill
6. Hot work / cold work permit
7. Casing line inspection / ton mileage
8. Training record (FF, FA, MVT, Well control)
9. Form O (IME/PME of employees)
10. NDT of mast & substructure and handling tools
11. Records of all mechanical equipment.
12. Records of all Electrical equipment.
13. Records of all Instrumentation System
14. Periodical inspection of all equipment
15. Display of all statutory signboards
16. Display of Blow out contingency plan
17. Display of Fire contingency plan
18. Display of First Aid trained personnel during the shift

19. Display of Fire Fighting trained personnel during the shift
20. Display of First-Aid Action for electric shock
21. Minutes of all safety audit including pre spud
22. Minutes of Pit level safety meeting & Tool Box meeting
23. Safety circulars
24. Copy of OMR
25. Copies of Relevant OISD standards
26. Copy of Safe Operating Procedure (SOP)
27. Copy of GTO (Geo-technical order) / Well Policy
28. Copy of DPR (Daily progress report)
29. Installation manager's instruction book
30. BOP kill sheet
31. Trip sheet 32. Form-A (It should be as per modified format by Gazette Notification No. 126 dated 21.02.2017 on Ease of Compliance to Maintain Registers under various Labour Laws Rules, 2017")
33. Form-B (It should be as per modified format by Gazette Notification No. 126 dated 21.02.2017 on Ease of Compliance to Maintain Registers under various Labour Laws Rules, 2017")
34. Form-D (It should be as per modified format by Gazette Notification No. 126 dated 21.02.2017 on Ease of Compliance to Maintain Registers under various Labour Laws Rules, 2017")
35. Form-E (It should be as per modified format by Gazette Notification No. 126 dated 21.02.2017 on Ease of Compliance to Maintain Registers under various Labour Laws Rules, 2017")
36. Form-K (Return of Minor accidents)
37. Form-J (Return of reportable accidents)
38. Copy of Contract with the Company
39. DGMS Annual Return (Printout of online return)
40. Any other relevant records as deemed fit

34.0 <u>CIVIL ENGINEERING WORK:</u> 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 engineering works required:

(i) Rig layout drawing clearly indicating areas where road/hard-standing are required, rig foundation area, lay out of mud pump foundation, PCR, Power Pack, Diesel tank area etc.

(ii) Substructure foundation design and detailed working drawing.

(iii) Cellar foundation design and detailed working drawing. Also, to indicate maximum allowable cellar foundation size which can be accommodated within the sub base.

(iv) Structural configuration and load distribution of the rig package/equipment.

(v) Detailed design and working drawing of any other equipment requiring cement concrete/reinforced cement concrete foundation

(vi) Details dimension of the Dyke Enclosure around HSD tanks. The volume to be contained should be as per OISD-STD-118

(vii) All approach roads to well site and hard standing of well sites will be made from gravel locally available without any black topping whatsoever as per prevailing practice.

35.0 CHANGES:

35.1 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.

35.2 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 (Part-3, Section IV) read with Proforma-B, B1 and B2**. Upon review of Contractor's estimate, Contractor 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 42, GCC of Contract. Contractor's performance of the work as changed will not prejudice Contractor's request for additional compensation for work performed under the Change Order.

36.0 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 statutory increase in wage rates of the labour appointed by Contractor. Such statutory or any other increase in wage rates of the contracted labour shall be borne by the Contractor.

37.0 GENERAL OBLIGATION OF CONTRACTOR RELATED TO PAYMENT OF WAGES:

37.1 The Contractor shall also have to comply with all types of labour wages rates applicable in Odisha for unskilled, semi-skilled, skilled and highly skilled laborers employed locally or by the Contractor's sub-contractors throughout the period of the contract.

37.2 The contractor shall periodically submit the monthly challans/receipts/ proof of provident fund deposited amount along with a list of his workers to Company's representative. The contractor shall be required to deposit contribution towards Provident fund or any other statutory payments to be made in respect of his workers well in time and submit a copy of challan to Company's representative on monthly basis, failing which, OIL will deduct from his bills the amount equivalent to such deductions with penalty as per the provisions of applicable act.

37.3 The contractor shall pay the wages to the workers engaged under the Contract latest by 7th of every month as per notification issued by the Ministry of Labour & Employment, Government of India from time to time. In case payments are not made regularly, subsequent invoices might be kept on hold.

37.4 Contractor shall comply statutory minimum labour wages, P.F. to his workers at the prevailing rates as fixed by statutory bodies from time to time.

37.5 The contractor shall issue wages slip every month to each worker as per THE CONTRACT LABOUR (REGULATION AND ABOLITION) CENTRAL RULES, 1971, Chapter VII, Section 78(1)(b) vide Form XIX and pay the monthly wages to the workers through bank transfer to each individual worker's bank account. Contractor must submit the monthly wages' Bank statement/Wages Register statement & PF Statement to the Company along with their invoices.

37.6 The contractor must pay at least the minimum wage as applicable throughout the Contract period including PF. The payment should be made through on-line bank transfer to the worker.

37.7 Contractor shall ensure deployment of personnel under the contract preferably from local area to the extent possible. Preference should be given to personnel who have experience of working with OIL for similar services.

37.8 The Service Provider must make the Wages to all the personnel/Manpower deployed under the contract as per the Minimum wages act wherever applicable as defined under this service and it should be in compliance with the minimum wage act of govt. as per notification issued

by the Ministry of Labour & Employment, Government of India in respect of workers engaged in employment in **various mines such as Gypsum mines and Bauxite mines for work above grounds** and revised from time to time. Employment card to be issued as per the CONTRACT LABOUR (REGULATION AND ABOLITION) CENTRAL RULES, 1971, vide form XIV.

37.9 An additional allowance of **INR 2,250.00** per month shall be payable by the Contractor to the contract labors engaged under the Contract at the rig site. This additional allowance has to be paid on a pro-rata basis along with the monthly minimum wages based on the actual attendance.

37.10 The Contractor shall have to bear the responsibility for employment matters and any problem in this regard inclusive of employment of local people and other issues pertaining to the Contractor's operations with Oil India Limited (OIL). In case there is any disruption of work at the well site under such conditions, as stated above, the Contractor will be paid at 'Zero' rate for first 24 (twenty-four) hours of affected period beyond which penalty will be levied at proportionate operating day rate in addition to zero rate.

38.0 Screens for Shale Shakers: Contractor has to supply LMSS and LMMC (if offered) fitted with required sizes of screens during initial mobilization and subsequently supply screens of suitable sizes as per the operational requirement. The contractor shall also replace the damaged screens at its own cost as and when required. The LMSS and LMMC (if offered) screens must be supplied from OEM or OEM's authorized distributor.

39.0 NOTICES:

39.1 Any notice given by one party to other, pursuant to this Contract shall be sent in writing to the applicable address specified below:

Company	**Contractor**
Oil India Limited	_____
Bay Exploration Project,	_____
IDCO Towers, 3rd Floor	_____
Janpath, Bhunaneswar-751022, Odisha	_____

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

(END OF SECTION– III, PART-3)

PART-3
SECTION – IV
SCHEDULE OF RATES (SOW)

SCHEDULE OF RATES/CHARGES:

The bidders must quote the rates in their priced bids strictly as per the format outlined in **PROFORMA-B** considering the following. The quantity/parameter/volume of job shown against each item in the PROFORMA is tentative and valid for Bid Evaluation purpose only. Payment to the successful Bidder/Contractor shall be made on the basis of actual work done and all "DAY RATE" charges shall be payable after prorating to the nearest quarter of an hour.

1.0 MOBILIZATION CHARGES (LUMP SUM) (M) - DESTINATION ODISHA

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 should include mobilization of complete rig package together with all equipment / accessories, Tools, materials (spares & consumables, etc.) and manpower as mentioned in Section-II (PART-3).

1.3 Mobilization charges should cover all local and foreign costs to be incurred by the Contractor to mobilize entire equipment of rig package, stores and crew at the first drilling location of the Company **near Konark, Odisha State**.

Mobilization charges shall cover local and foreign costs to be incurred by the Contractor to mobilize at the first location of the Company and shall include all taxes & levy, port fees (inclusive of demurrage charges), inland transport etc., but excluding Basic Customs duty (which will be to OIL's account, if applicable) on the items declared in Proforma – A. It should also cover all travel expenses, in-transit accommodation charges, personal insurance etc. for personnel. GST as applicable will be paid by OIL.

Note: Company will issue Recommendatory Letters on the basis of documents to be provided by the Contractor for import of items, if envisaged in Proforma-A, for Contractor to obtain necessary Essentiality Certificates from the Directorate General of Hydrocarbon (DGH), India to avail nil/concessional Customs Duty. However, responsibility for securing EC and payment of port rent, demurrage etc. and clearance of goods through Indian Customs authority will exclusively rest on the Contractor.

1.4 Mobilization charges will be paid only after complete mobilization of Rig package (Materials, Equipment and Crew) at site 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 7.5% of the total quoted value. However, mobilization charges if quoted in excess of 7.5% of the total quoted value, the excess amount shall be paid at the end of the contract.

NOTE:

(i) Once the Contractor's Rig Package has been rigged up and is ready for Spudding-in, Contractor shall issue a Notice of Readiness for Inspection to the Company.

(ii) Company shall inspect the Contractor's Rig Package within 5 (five) working days from receipt of the Contractor's Notice regarding Readiness for Inspection, and confirm completion of mobilization. Company Representatives inspecting the Contractor's Rig Package shall notify the Contractor of any deficiency in the Rig Package, and only on removal of such deficiency, mobilization shall be deemed complete.

(iii) The succeeding day of receipt of notice from the Contractor Notice regarding Readiness for Inspection shall be counted as day 1 (one) for the purpose of calculation of inspection period for mobilization.

2.0 DEMOBILIZATION CHARGES (LUMP SUM) (D)

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, manpower and unutilized spares & consumables etc. from the site.

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 Contractor's account.

2.3 Demobilization charges shall be paid one time to the Contractor for demobilizing the complete rig package including Tools/Equipment/Spare/ Accessories etc. after successful completion of all contractual obligations.

2.4 All Day Rate charges of the Rig package shall cease to exist with effect from the day, the Contractor 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 Contractor is required to clear off the Site within 30 (thirty) days and complete Demobilization within 60 (sixty) days from the date of 'Demobilization Notice' served by the Company.

2.6 De-Mobilization Charges should not be less than 2% of the total quoted value. However, De-mobilization charges if quoted in deficit or less than 2% of the total quoted value, the differential amount will be kept on hold from the 1st invoice onwards and the same will be paid at the end of the contract along with Demobilization charges.

3.0 OPERATING DAY RATE (Per 24 hours a day for the rig package) (ODR)

Except when specially otherwise provided for in the Contract, the Operating Day Rate will become payable from the time the well is spudded (after complete rigging up and drilling of rat & mouse holes and setting of scabbards, mouse hole pipe and grouting of false conductor. Grouting as well as necessary sizing/fabrication work or any other associated job/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) till the rig is released for move to the next location i.e. during the following operations:

(i) Drilling

(ii) Coring

(iii) Tripping with Contractor's drill pipes

(iv) Circulating drilling fluid

(v) Fishing

(vi) Reaming, conditioning hole, hole opening

(vii) Making up and breaking down drill pipe, collars, tubing and other tubular

(viii) Drilling out cement, collar, shoe and Bridge Plug

(ix) Production tests with Contractor's drill pipe

(x) Any other operations with use of Contractor's drill pipes

(xi) Casing running and cementation

(xii) Mixing or conditioning mud.

(xiii) Placing of cement plugs

(xiv) Retrieving casing

(xv) Well killing/controlling

(xvi) Any other operation normally required for well completion

4.0 NON-OPERATING/STANDBY DAY RATE (Per 24 hours a day for the rig package) (SDR)

4.1 Except when otherwise provided for in the Contract, the Non-Operating/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 on company's equipment, materials, services, orders, instructions and well programme from OIL.
(iii) W.O.C. (Waiting on Cement)
(iv) Assembling and dis-assembling of BOP and well head hook-up including testing
(v) Electric logging and wire line operations (both open and cased hole)
(vi) Production testing (Note: During Production Testing if draw works or mud pumps are put into operation, only that period will be considered for ODR).
(vii) Well under observation during Production Testing, Compressor Applications during Production Testing.
(viii) Well Kept under Pressure after placement of Cement Plug (W.O.C), well closed for Bottom Hole Study.
(ix) For all time during which the company at its option may suspend operations
(x) Waiting for day light for certain production testing operation
(xi) Carrying out operation using slick line and CTU
(xii) During inspection as per Clause 7.9 (b) of 'Special Conditions of Contract'.

4.2 **Standby Day Rate shall not exceed 90% (Ninety percent) of the Operating Day Rate (ODR) for the rig package.**

5.0 REPAIR DAY RATE (Per 24 hours a day for the rig package) (RDR)

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

5.2 The Contractor shall be paid Repair Day Rate to a maximum of 30 (thirty) cumulative hours per calendar month. In case the total hours of break-down or repairing of Contractor's equipment exceeds 30 (thirty) hours in any particular calendar month during the currency of the contract, the Repair Day Rate will be applicable for the initial 30 (thirty) hours only and no payment whatsoever will be made by Company for the remaining period lost on this account. Neither the same can be carried forward and/or adjusted against any other calendar month.

5.3 This above clause No. 5.2 shall, however, not be applicable for routine maintenance

including inspections/lubrications and replacements, e.g. slipping &/or cutting casing line, changing pump liners, valve assemblies, packing, etc. Contractor will be permitted to carry out these jobs up to a maximum of 30 (thirty) cumulative hours per calendar month depending upon requirements, during which normal Operating Day Rate will be payable. In case, the total time taken for carrying out these jobs exceeds 30 (thirty) hours in any particular calendar month, Repair Day Rate shall be payable for the time taken in excess of 30 (thirty) hours.

5.4 The balance allowance for repair hours or routine maintenance cannot be carried forward to next month and/or adjusted against any previous months.

5.5 Payment towards Repair Day Rate shall not exceed 50% (Fifty percent) of the Operating Day Rate (ODR) for the rig package.

6.0 INTER LOCATION MOVE RATE (ILM)

6.1 Depending on the distance between the locations, separate rates will be applicable for each rig package as mentioned below:

(a) Fixed Charge (Lump sum) per Rig Move to 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) Fixed Charge (Lump-sum) per rig movement up to 50 Km.	**(ILM1)**
(c) Per Kilometer charges for rig movement in excess of 50 Km.	**(K)**
In case the distance for ILM between two locations exceeds 50 Kms, then lumpsum fixed charges as per "b" above for the initial 50 Kms will be payable and ILM charges for the remaining distance in excess of 50 Kms will be calculated/paid at the rate per Km as per "c" above.	
(d) Base Camp shift Charge	**(BCM)**

Note: ILMO is the Inter-location movement within a cluster location whereas ILM1 is the Inter-location movement within 50 KMs distance and K is the excess kilometer above 50 KMs.

6.2 Inter-location movement will start from the moment the Company releases the drilling unit for rig down at present 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 items, if any, are to be transferred to next location after rig down. Before spudding-in, the Contractor 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, grouting of false conductor as defined under clause 3.0 above, compliance/rectification to meet safety norms and any other job normally done prior to spudding in. The inter-location movement

of Rig package should be completed within the period as specified in **Clause 22.0 of Section – III** (Ref. PART-3) under Special Conditions of Contract.

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

6.4 All Other Day Rates as mentioned under para 3.0, 4.0, 5.0, 7.0, 9.0 & 11.0 hereof will not be payable when inter-location move rate is applicable.

7.0 FORCE MAJEURE DAY RATE (Per 24 hours a day for the rig package) (FMDR)

7.1 The Force Majeure Day Rate shall be payable during the first 15 (fifteen) days period of occurrence of force majeure situation pursuant to clause 31.0 of "Section-I" (Ref. PART-3). No payment shall accrue to the Contractor beyond the first 15 (fifteen) days period unless mutually agreed upon.

7.2 Payment towards Force Majeure Day Rate for the rig package shall not exceed 50% (Fifty percent) of Operating Day Rate (ODR) for the rig package.

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

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

The Contractor 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 Contractor will operate operations of several locations. The Base Camp shall be subjected to a maximum of 05 (five) 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 Contractor. Contractor may hire Hotel/individual house for Base camp and in that case, no Base Camp Shift Charge is applicable.

(2) Base Camp Shift Charge will remain the same irrespective of the number of days taken by the Contractor for base camp shifting.

(3) Setting up of the Base Camp, land, infrastructure development, running the camp, treatment & disposal of sewage, camp waste etc. will be the sole responsibility of the Contractor.

9.0 STACK DAY RATE (STDR)

The Stack Day Rate shall be payable when the Drilling Unit and other Contractor's Equipment is stacked in accordance with Clause 20.0 of Section- III of Part-3 'Special Conditions of Contract' and as further set out below:

i) If Company notifies the Contractor that the Drilling 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 Unit is ready to recommence Drilling Operations after the notification from Company to commence the operations.

ii) If Company notifies the Contractor to stack the Drilling Unit at a different location; the Stack Day Rate shall apply from the time that the Drilling Unit arrives at the stacking site. Inter Location Move rate shall apply during the period that the Drilling Unit is being moved to/from the stacking site.

iii) Payment towards Stack Day Rate for the rig package shall not exceed 50% (Fifty percent) of Operating Day Rate for the rig package.

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

10.0 NIL DAY RATE (NDR)

Nil day rates for the rig package will be applicable in case the operation is to be suspended and rig remains idle for want of Contractor's personnel, items or on account of non-compliance by the Contractor to any of their obligation under this contract.

Nil day rates will also be applicable during the entire period of change over from top drive system to Kelly drive system or vice-versa (i.e. from stoppage of operations till the operation is resumed) in case the top drive system becomes inoperative & is replaced with Kelly drive system for continuation of operations and vice-versa.

11.0 CHARGES FOR ADDITIONAL MEALS & ACCOMMODATION:

11.1 Charges on per meal per day basis & accommodation will be payable only if strength of Company's/ Company's other contractor's personnel or any other Company designated personnel taking food at site and/or accommodation exceeds twenty-five (25) persons on any given day during the contractual period.

11.2 The Contractor will have to arrange catering services, sanitation, laundry services & accommodation for their employees as well as for personnel of the Company's and other contractors engaged by Company at drill site for performance of various drilling associated services like, Mud Engineering, Mud Logging, Cementing, Wireline Logging, Coring, Production Testing, Liner Hanger, Deviation Drilling Services, Pitless Drilling Services and others or for any other Company designated personnel. Catering Services include bed tea, breakfast, lunch, evening tea with snacks and dinner. No charge will be payable by the Company for providing catering services, sanitation, laundry services & accommodation up to a maximum of 25 (twenty-five) Nos. of such personnel a day. For any extra personnel beyond the above mentioned 25 (twenty-five) persons designated by the Company on any day, catering services & accommodation will be provided by the Contractor on payment basis as per the rates

quoted/agreed on per meal basis. The Contractor will have to provide food & accommodation to such additional personnel throughout the contractual period when required without any compromise with standard menu and quality on payable basis. The Contractor should maintain proper records/register and their monthly invoices must be duly supported by such records.

12.0 PENALTY FOR CONTINUATION OF OPERATIONS WITH KELLY DRIVE SYSTEM IN THE EVENT OF FAILURE OF TOP DRIVE SYSTEM: Company may allow the contractor to continue the operations using Kelly drive system for short interval of time in case of any failure of Top Drive System. During the period of operations being continued with Kelly Drive System **all the day rates (i.e. operating, standby, rig repair, force majeure and stack) will be slashed to 80% (Eighty Percent) of respective day rates.**

13.0 GENERAL NOTE:

13.1 The Company shall advise the Contractor to mobilize all the equipment & tools with all accessories at the first designated drilling location on dedicated basis for the entire duration of the Contract.

13.2 Bidder shall submit the list of items with CIF value to be imported into India in connection with execution of this contract as per **Proforma- A**.

13.3 From the **Proforma- A**, bidder shall identify the items of re-exportable in nature (i.e. items which will not be consumed during the execution of the contract and required to be exported outside India after completion of the contract). Total CIF value of such items shall be shown in the "PRICE FORMAT" as CIF (RE-EX).

13.4 Similarly, from the **Proforma-A**, bidder shall identify the items of consumable in nature (i.e. items which will be consumed during the execution of the contract). Total CIF value of such items shall be shown in the "PRICE FORMAT" as CIF (CONSUMABLES).

14.0 FOR MANPOWER SERVICES:

Rates quoted against manpower service here below will not be taken for evaluation; however, the same may be applied in case of additional man power requirement:

Position	Total per day	Off	Allocated per Rig	Unit
Rig Manager/Rig Superintendent	1	1	2	Nos

Tool pusher	1	1	2	Nos
Night Tool Pusher	1	1	2	Nos
Driller	2	2	4	Nos
Assistant Driller	2	2	4	Nos
Derrick men / Top man	4	4	8	Nos
Roughneck/Floorman	8	8	16	Nos
Chief Mechanic	1	1	2	Nos
Chief Electrician	1	1	2	Nos
Mechanic	2	2	4	Nos
Electrician	2	2	4	Nos
Asst. Electrician	2	2	4	Nos
HSE Officer	1	1	2	Nos
Medic/Doctor	1	1	2	Nos
Welder	1	1	2	Nos
Gas logger	2	2	4	Nos
Top Drive Operator/Technician	2	2	4	Nos
Heavy Crane Operator	1	1	2	Nos
Forklift Operator	1	1	2	Nos
Roustabout/ unskilled labour	8	8	16	Nos
Total	44	44	84	Nos

15.0 For the Responsibility Matrix between Company and Contractor, refer Annexure-II.

END OF SECTION-IV

END OF PART-3

ANNEXURE - II

RESPONSIBILITY MATRIX

TENDER No. : CBI9040P22

EQUIPMENT AND SERVICES TO BE FURNISHED BY CONTRACTOR OR

COMPANY (OIL) FOR ONE DRILLING RIG

The equipment, tools, machineries, materials, instruments, services and labour, including but not limited to those listed in the following table shall be provided at the location by OIL or Contractor and at the expenses of OIL or Contractor as designated hereunder by `X' mark in the appropriate column: -

'C' – Contractor 'O' – OIL/Company

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
A. GENERAL-I					
1	All charges relative to acquisition, shipping and transportation of all Contractor's Items required as replacements or spare parts,	**X**		**X**	
2	Contractor's personnel including replacement, subsistence, insurance, wages, benefits, and all other costs related thereto.	**X**		**X**	
3	Extra personnel in excess of the complement of personnel set forth in Section II – Contractor's Personnel deputed by Contractor itself.	**X**		**X**	
4	Extra personnel in excess of the complement of personnel set forth in Section II – Contractor's Personnel - when requested in writing by Company.		**X**	**X**	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
5	Overtime beyond normal work schedule for Contractor's personnel when requested in writing by Company.	X		X	
6	Required licenses, permits, certificates of financial responsibility and clearances to enter and depart from drilling location	X		X	
7	Transportation for Contractor's Items and its subcontractor's item and personnel.	X		X	
8	Duties, fees, licenses, pilotage fees, wharfage fees, harbor fees and costs or similar charges including any sales taxes or clearing agent or brokerage fees relating to Contractor's Items and replacements or spare parts.	X		X	
9	Insurance as provided in the Contract.	X		X	
10	Passports and visas for Contractor's Personnel	X		X	
11	Work permits for Contractor's Personnel.	X		X	
12	Labour license and all regulatory requirements as per DGMS, Labour Law for Contractor's personnel.	X		X	
13	Obtain and maintain all necessary consents, permits, licenses and certificates required for movement and use of Contractor's Equipment to/from Site including diesel storage	X		X	
14	Corporate registration, documentation and fees for Contractor in India required solely for the performance of this Contract	X		X	
15	Clearance of Contractor's Equipment through Indian Customs (EC to be provided by Company)	X		X	
B. GENERAL-II					
1	Base / Well site camp complete in all respect i.e. furniture fixture etc.	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
2	Accommodation and food for all of Contractor's and its subcontractor's personnel and up to 25 Company and Company's third-party personnel per day.	X		X	
3	Accommodation and food for Company's personnel and Company's third-party personnel in excess of 25 per day.		X	X	
4	Potable water for rig and camp – only for drinking, bathing and cooking purposes	X		X	
5	Load and offload Company's and Company's sub-contractor equipment and materials at rig site and camp	X		X	
6	Load and offload and transportation of Company's /Company's sub-contractors equipment and materials during inter-location moves	X		X	
7	Supply of additional labour for cleaning pits, cuttings and other related work	X		X	
8	All safety equipment and gears as per Contract	X		X	
9	Necessary IT equipment.	X		X	
10	Electrical and air supply to Company and Company's sub-contractor's Equipment	X		X	
11	All housekeeping services and supplies	X		X	
12	First aid medical attention by a qualified medic on the Drilling Unit for all personnel on board	X		X	
13	Emergency medical treatment for Contractor's, Company's and Company's sub-contractor's Personnel	X		X	
14	Ambulance with all necessary medical facilities	X		X	
15	Communication system capable of transmitting online data.	X		X	
16	Security arrangement / facility at rig and campsite.	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
17	Welding for Company's sub-contractors work within a reasonable request	X		X	
18	Welding for Company's sub-contractors work beyond a reasonable request that will be mutually agreed between the both the Parties.		X	X	
C. RIG & EQUIPMENT-I					
1	Drilling Unit complete with safety, hoisting, rotating & maintenance equipment, BOP Handling System according to international practice	X		X	
2	Top Drive System with all accessories				
3	Diverter System, BOPs, Spools, flanges its attachments & spares	X		X	
4	BOP testing equipment and accessories	X		X	
5	Choke & kill unit & connections	X		X	
6	Kill pump, tank, lines and attachments	X		X	
7	Vacuum Degasser, Poor Boy Degasser (Mud Gas Separator)	X		X	
8	BOP Control Unit and accessories	X		X	
9	Well control accessories	X		X	
10	Drill pipe, drill collar, HWDP including all required non consumable tubular.	X		X	
11	Lifting subs	X		X	
12	All sizes & capacities of elevators, slips, tongs, safety clamps, (manual & hydraulic) for handling drilling & tubing string.	X		X	
13	All sizes & capacities of elevators, slips, tongs (manual & hydraulic), for handling casing & Liner string including spider slip & elevator	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
14	Kelly (s)	X		X	
15	Stabilizers/Rotary substitute of all sizes	X		X	
16	All Fishing tools as listed & their spares	X		X	
17	Pneumatic Kelly spinner	X		X	
18	Drill pipe/tubing spinner	X		X	
19	Elevator links	X		X	
25	Bit breaker, casing thread protector, nozzle gauge, stabilizer gauge & bit gauge	X		X	
26	Air winch (s)	X		X	
27	Fishing tools required for other than Contractor's string	X		X	
28	Drilling jars, safety joints and all fishing tools such Overshots, spear, Hydraulic Casing Cutter, RCJB, Bumper Subs, Junk subs, fishing magnets, impression blocks, junk mills, ditch magnet, etc. with spares / consumables / replacement parts.	X		X	
29	All sizes of casing scrapper & rotovert as per casing programme	X		X	
30	Circulating heads & FOSV	X		X	
31	Poor boy swivel	X		X	
32	Mud basket	X		X	
33	Back pressure valves of required rating	X		X	
34	Risers	X		X	
35	Rig warehouse & workshops	X		X	
36	Complete set of tools & wrenches	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
37	Flow /bell nipple & flow branch/flow line	X		X	
38	water pump, suitable capacity	X		X	
39	All kind of mud agitators & mud guns	X		X	
41	On line gas monitoring system & portable gas detector	X		X	
42	Cabin for mud attendant.	X		X	
43	Emergency electricity generator at well site & camp	X		X	
44	Store house	X		X	
45	Advanced Instrumentation System and Rig Intercom System	X		X	
46	All bunk houses at well site & camp with all items mentioned in this tender.	X		X	
47	Firefighting & safety equipment	X		X	
48	Shut in valves	X		X	
49	Welding & Cutting set	X		X	
50	Cellar Pump	X		X	
51	Rig compressor (including auxiliary)	X		X	
52	Mud making/loading facilities at drill site complete with reciprocating pumps, prime movers, hoppers, tankages, jet shearing devices etc.	X		X	
53	Mud/brine & water system inclusive of active intermediate & storage tanks	X		X	
55	Equipment required for generating electricity at the site, camp	X		X	
56	Rig lighting	X		X	
57	All required Lines / Chiksans / Fittings, etc.	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
58	Cranes, trailers and forklifts etc. as per tender	X		X	
59	Any additional crane, trailers & forklift required to carry out normal drilling operations & during rig move, rig up & rig down.	X		X	
60	Required wire lines & ropes	X		X	
61	All firefighting and safety equipment	X		X	
62	Full opening stabbing valves (FOSV) of required rating	X		X	
63	Office for Company's personnel at well site complete in all respect	X		X	
64	Permanent provision of drinking water at well site & camp	X		X	
65	Rig washer	X		X	
66	Bug Blower	X		X	
67	Air pump	X		X	
68	Kelly cocks, upper & lower (of required rating)	X		X	
69	Float subs for each size of drill collar	X		X	
70	Float valves for bit subs	X		X	
71	Inside BOP for each size of drill pipe	X		X	
72	Equipment not specified but required for Contractor's/company's normal operations	X		X	
73	Equipment not specified but required for Company's additional requirements		X	X	
74	Cup testers	X		X	
D. RIG & EQUIPMENT-II					

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
1	Inspection of Contractor's tubular & handling equipment / tools and other in-hole equipment as specified in Section III, before operations commence under this Contract.	X		X	
2	Inspection of Contractor's tubular & handling equipment / tools and other in-hole equipment as specified in Section III, during operations at reasonable intervals requested by the Company.	X		X	
3	Repair and/or replacement parts for Contractor furnished equipment & tools.	X		X	
4	Drill string and handling equipment inspection before commence date.	X		X	
5	Replacement of elements for Contractor's ram and annular preventers	X		X	
7	Electrical and air supply to Company and Company's sub-contractor's Equipment	X		X	
8	Waste storage, removal and disposal (excluding mud/well-fluid and drill cuttings) at drill site and camp	X		X	
9	Effluent disposal generated by contractor's equipment	X		X	
10	Mud pump liners	X		X	
11	Removal and disposal of camp site waste	X		X	
E. CONSUMABLES					
1	Oil, greases, lube, cleaning solvent, hydraulic fluid and accumulator charging gases for Contractor's equipment	X		X	
2	Drill water (as required by Company's Mud and Cementing Engineers) for drilling, mud/brine preparation, rig cleaning & cementing including laying of lines etc.	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
~~3~~	~~Drill pipe protectors (one per joint inside casing) on Contractor's drill pipe. All additional rubbers or replacement rubbers.~~				
4	~~Casing protectors for as per casing programme.~~				
5	Kelly saver-sub rubbers and replacements for kellys furnished by Contractor.	**X**		**X**	
6	Drill pipe & tubing rubber wipers	**X**		**X**	
7	All required Spares for solid control equipment inclusive of Screens for shale shakers.	**X**		**X**	
8	Air, water, electricity, fuel (HSD) and other POL for the rig site and camp including laying of lines etc for all the Contractor's equipment including Contractor's vehicles	**X**		**X**	
~~9~~	Casing thread lubricant & thread locking compound	**X**		**X**	
10	Thread lubricant for all service tubulars.	**X**		**X**	
11	All rope, hand tools and general rig consumables	**X**		**X**	
12	Welding consumables	**X**		**X**	
13	All BOP consumables including ring joint gaskets	**X**		**X**	
14	Consumables not described but needed for normal drilling operations and maintenance of Contractor's Equipment	**X**		**X**	
15	Spares for Rig unit & accessories.	**X**		**X**	
16	Regular replacement of consumables of Contractor's equipment.	**X**		**X**	
17	Fishing equipment, spares as per the contract	**X**		**X**	
18	Replacement of electrical fittings as & when necessary.	**X**		**X**	
19	Spares & consumables for communication equipment	**X**		**X**	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
20	Replacement, spares & consumables for fire-fighting equipment	X		X	
21	Replacement, spares and consumables for solid control equipment	X		X	
22	Maintaining adequate stock of consumables.	X		X	
23	Consumables/replacement for IT equipment.	X		X	
24	Replacement of tool equipment services as & when necessary	X		X	
25	First-aid & medicine	X		X	
26	Food	X		X	
27	Materials required for up-keepment of health and hygiene	X		X	
28	Materials required for control of pollution.	X		X	
29	Consumables not indicated but required by Contractor in normal operation or needed for the maintenance of Contractor's equipment.	X		X	
30	Stabilizer sleeves	X		X	
F. OTHER SERVICES & PERSONNEL					
1	Site preparation		X		X
2	Furnish adequate roadway to location and the right of way		X		X
3	Mud Engineering Services including supply of complete line of chemicals.		X		X
4	Drilling Waste Management Services including solids control, drill cutting drier and dewatering system, Effluent Treatment Plant		X		X

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
~~5~~	Directional Drilling Services with MWD/LWD and accessories		X		X
6	Cementing Services including supply of cement & complete line of chemicals/ additives.		X		X
7	Bulk Handling Plant		X		X
~~8~~	Coring Services including supply of core barrels. Core heads with all accessories and handling tools.		X X		X X
~~9~~	Mud Logging Services		X		X
10	Casing & Tubing Running-in with torque turn Services	X		X	
11	Wireline Logging & TCP Services.		X		X
12	Liner Hanger Services including supply of handling/ setting tools and liner hanger accessories		X		X
13	Cased hole DST Services		X		X
14	Cold Casing Cutting Services	X		X	
15	Procurement and supply of BITs		X		X
16	Procurement and supply of casings, liners and tubing		X		X
17	Procurement and supply of well heads		X		X
18	Casing handling, servicing, drifting, measuring, thread cleaning and centralizer installation on the Drilling Unit	X		X	
19	Handling (loading & unloading) and storage of Company's, contractor's & subcontractor's materials at drill site.	X		X	
20	Transportation of entire Rig unit with accessories between locations (inter-location move)	X		X	
21	Inter-location movement of company's equipment attached with the rig.	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
22	Transportation of contractor personnel. All transportation of Contractor's expatriate / National personnel between point of hire and place of residence in country of operation or other agreed point.	X		X	
22 A	Land, Air, Rail transportation of Contractor's local and expatriate personnel to Drilling rig.	X		X	
22B	Automobile transportation for Contractor's personnel at base / camp as deemed necessary	X		X	
23	Collection of bits, light consumables and transportation of same including handling to well site.	X		X	
24	Communication service	X		X	
25	Medical facilities at well site	X		X	
26	Well head installation (BOP, Production & other equipment)	X		X	
27	Handling of all Company equipment at the drilling locations	X		X	
28	BOP testing services	X		X	
29	Maintenance of contractor's equipment.	X		X	
30	Well killing services	X		X	
31	Services required for deletion of faulty equipment	X		X	
32	Drilling Effluent water disposal services		X		X
33	Camp Sewage & waste disposal services	X		X	
34	Computation and record keeping services	X		X	
35	Degassing, Desanding services	X		X	
36	Catering services	X		X	
37	Medical Services	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
38	Ambulance services	X		X	
39	Firefighting services	X		X	
40	Services of Personnel	X		X	
41	Services not hereto fore designated but required by Contractor in normal operations or needed to maintain & operate contractor's equipment.	X		X	
42	Services not indicated but required due to directions of the Company		X	X	X
43	Any services not designated and have any disputes – to be mutually agreed between both the Parties	X		X	

Name of the authorised signatory: ----------

Designation: ----------

Name of the bidder/firm/service provider: ----------

***

ANNEXURE-III

PROFORMA FOR BIO DATA OF KEY PERSONNEL

AFFIX PASSPORT SIZE PHOTOGRAPH

1. NAME

2. PRESENT ADDRESS

3. PERMANENT ADDRESS

4. FATHER'S NAME

5. NATIONALITY

6. PASSPORT NO. AND VALIDITY

   (IN CASE OF EXPATRIATE)

7. DESIGNATED POST

8. DATE OF BIRTH

9. EDUCATIONAL QUALIFICATIONS:

Sl. No.	Exam Passed	Institute	Board|University |Council| Others	Grade|% Marks Obtained

10. HSE TRAININGS (If any):

11. DETAILS OF PROFESSIONAL CERTIFICATE, LICENSE, ETC. WITH VALIDITY

12. EXPERIENCE IN REVERSE ORDER:

Sl. No.	Name of the Company (Employer)	Designation or Post Held	Name of Client or Company with type of Service Provided	Period of Service		HP & type of Drilling Rig worked
				From	To	

N.B.: Add rows as required. Annexure(s) may also be attached if required.

Signature & Name of personnel

Seal of Bidder

Sig., Name & Designation of bidder

NOTE:

1. Attach copies of following documents:

- Identity Proof

- Date of Birth Proof

- Proof of educational qualification

- Proof of Experience

- IWCF/IADC certificate (For Rig Manager / Rig Superintendent, Tool Pusher, Tour Pusher / Night Tool Pusher, Driller & Asst. driller), Heavy Motor Vehicle Driving License (For Crane Operator), Certificate of Welding Trade (For Welder)

- Medical Fitness Certificate in Form 'O' (as per The Mines Act 1952).

- Electrical license and Supervisor license (For Electrical Engineer, Rig Electrician and Assistant Rig Electrician).

2. Contractor shall provide the following before deploying his personnel:

a) Police verification report for domestic employees of Contractor

b) Security clearance from Ministry of Home Affairs, Govt. of India for expatriate employees of Contractor

3. In case of replacement of the key personnel the replacement personnel must have the requisite qualification and experience as per Scope of Work/Terms of Reference (Section-II) and shall submit their credentials along with their recent photographs & documents to Company for clearance of Company.

ANNEXURE- IV

DETAILS OF ELECTRICAL MACHINE USED IN DRILLING RIG

Sl. No.	Name of Equipment/ Motor	Make	Maker's Sl. No.	Type	CIMFR/ recognized laboratory of country of origin approval no. & validity	Distance from well head	Gas group
1							
2							
3							
4							
5							
6							
7							

To be digitally signed by Bidder's Authorized signatory

ANNEXURE -V

DETAILS OF ALL CABLES, LIGHT FITTINGS, PUSH BUTTON STATIONS, PLUG & SOCKETS, JUNCTION BOXES, MOTORS, STARTERS ETC.TO BE USED IN THE OFFERED RIG PACKAGE

Sl. No.	Description	Make	Type	CIMFR/ recognized laboratory of country of origin approval no. & validity	Gas Group

To be digitally signed by Bidder's Authorized signatory

Annexure -VI

ELECTRICAL

Questionnaire for Electrical

(To be filled up separately for each drilling rig offered & to be uploaded along with techno-commercial bid)

Sl. No.	Details	Bidder Remarks
1	Offered Rig is AC-SCR or AC-VFD?	
2	Does the offer include ETP?	
3	Is the Rig attached with a top drive?	
	Explain details of offered Top drive?	
4	Have you submitted the following drawings with the bid?	
	Physical layout, sowing all important components	
	Electrical single line diagram, showing all major components of PCR and Rig	
	Earthing diagram for the rig	
5	Whether Neutral resistance grounding is offered for 415V system (as per CEA Regulations, 2010)?	
6	Give details of the drilling motors offered for Slush Pump	
	Make & model	
	Voltage (in V)/ Power rating (in HP)	
	No. of motors per Slush Pump	
7	Give details of the drilling motors offered for Draw Works	

	Make & model	
	Voltage (in V)/ Power rating (in HP)	
	No. of motors for Draw Works	
8	Give details of Rotary drive employed (chain driven from DW, IRD, combination of chain/IRD)	
	If IRD motor employed, give details similar to Slush Pump / Draw Works above	
9	Give details of lighting for hazardous areas	
	Voltage (phase to phase), in V	
	Neutral employed?	(Yes / No)
10	Details of alternators used with the Power Packs	
	Make and model offered	
	No of power packs & alternators offered	
	Are all offered alternators identical in terms of make/model/power rating / voltage rating	(YES / NO). If NO, give details
	Output Voltage (in VAC)	
	Output power (in kVA)	
	Rotation speed (RPM)	
11	Control Room details	
	No of PCRs offered	
	Details of SCR / VFD system (Make / model / etc.)	
12	Details of control panels offered	
	Drillers control (DCON) make	
	Is DCON purged with positive pressure? If no, please provide how the control panel is made safe for use in hazardous area.	
	Mud pump / cementing console offered?	(Yes / No)
	If MPCON offered, give details	
13	Details of braking system offered	

	Primary Brake – (Band brake / others)	
	Auxiliary Brake – (EC Brake / through AC motors, etc)	
	If electrical/ electromagnetic Brake offered- type, make and model offered	
14	Aviation warning lights offered	
	Day time, white color, flasher type	(YES / NO) If Yes – Qty?
	Night Time, Red color, steady type	(Yes / No) If Yes – Qty?
15	Emergency / Hooter Alarm system	
	Emergency shut-off system provided?	
	Does the system shut off the alternators when activated?	
	Does the system de-activate the drives when activated?	
	Emergency hooter (electrical) provided?	(Yes / No)
16	BOP control unit	
	Are all electrical items employed in BOP control unit suitable for hazardous areas (Zone 1, Gas group IIA/IIB)?	
	CIMFR/ recognized laboratory of country of origin approval obtained and such certificates submitted with bid?	
17	Does bidder agree explicitly to deal with all electrical overhead lines to be encountered during Inter-Location movement (ILM) including the OH lines encountered during initial deployment of the rig at designated site? (OIL support will not be available for this).	
18	CIMFR/ recognized laboratory of country of origin approval -	----------
	Does bidder have CIMFR/ recognized laboratory of country of origin approval for all electrical equipment (including motors / lights / panels etc.) deployed in hazardous areas.	(Yes / No)
	Does all electrical equipment conform to IS/ IEC standards as specified by DGMS as per clause no. 107 of OMR- 2017for use in Zone 1 and Zone 2 hazardous area of the mine.	(Yes / No)

	Has bidder enclosed approval copies for all electrical equipment deployed in hazardous areas?	(Yes / No)
	Is there any equipment without approval, deployed in hazardous areas? If yes, give details of such equipment.	(Yes / No)
	Does bidder agree to make rig available for inspection by any statutory authority, and abide by any instruction / directions arising there-from?	(Yes / No)
19	Does bidder agree to supply electric power to production set-up, as and when required, until "Rig-down" is not formally declared?	(Yes / No)
20	Does the bidder agree to mobilize a second Rig Package of at least same specifications & capacity on same rates, terms and conditions, if called for by Company during the tenure of contract?	(Yes / No)

To be digitally signed by Bidder's Authorized signatory

ANNEXURE-VII

PROFORMA UNDERTAKING FROM CONTRACTOR'S PERSONNEL

I _____ S/o_____ having permanent residence at _____ Dist._____ am working with M/s. _____ as their employee. Now, I have been transferred by M/s. _____ for carrying out the contract job under Contract No. _____ which has been awarded in favour of my employer M/s. _____.

I hereby declare that I will not have any claim for employment or any service benefit from OIL by virtue of my deployment for carrying out contract job in OIL by M/s. _____.

I am an employee of _____ for all practical purposes and there is no privity of Contract between OIL and me.

Signature

Place:

Date:

NAME: …….

DESIGNATION:……..

DATE:……

NAME:…….

DESIGNATION:…….

DATE:……..

ANNEXURE-VIII

EXPERIENCE STATEMENT OF BIDDER/ SERVICE PROVIDER

Tender No: _____

Bidders' experience statement for their Service in previous Seven (7) years to be reckoned from the original bid closing date of the tender.

Sl. No.	Contract No.	Name & Contact details of client	Place of Operation	Capacity of Rig in HP	Details of Oil and/or Gas Wells drilled & completed			Commencement date of contract	Completion date of contract
					Name of Well / Location	Drilled Depth of the Well	Nature of Well (vertical/ Deviated / Horizontal)		
1					1. 2. 3.				
2					1. 2. 3.				
3					1. 2. 3.				

Add rows as required.

Note: As a proof of successful completion of well(s), bidder must attach either copy of end of the well report or copy of daily progress report or any other document duly certified by Client for substantiating the drilled depth, name of well/location, Rig HP with contract number.

PROFORMA-A

LIST OF ITEMS (Equipment, Tools, Accessories, Spares & consumable)
TO BE IMPORTED IN CONNECTION WITH EXECUTION
OF THE CONTRACT SHOWING CIF VALUE

Srl #	Item Description	Qty / Unit	Rate	Total	Freight & Insurance	CIF Value	Port & other charge	Landed Cost	Is it re-exportable? YES or NO	Year of Mfg.	HSN Code
A	B	C	D	E = CxD	F	G = F+E	H	I = G+H	J	K	L
1											
2											
3											

(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 "NO" 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:

PROFORMA-B

PRICE SCHEDULE

[For 01 No. of 1400 HP (MINIMUM) Drilling Rig Package for ODISHA OALP Block]

Tender Number: _____

Quotation No.:

Name and type of the Drilling Rig offered:_____

Currency of Quote: **INR**

Validity of Bid: _____

A. RATES: CURRENCY: INR

Item Sl. No.	Particular	Unit	Qty (a)	UNIT RATE (b)	TOTAL AMOUNT (a*b)	GST % (c)	Amount including GST (d)
1	Mobilization Charges to ODISHA Project, (M)	Lumpsum	1				
2	Demobilization Charges from ODISHA, (D)	Lumpsum	1				
3	Operating Day Rate (ODR)	Day	530				
4	Stand By Day Rate (SDR) **(Shall not be more than 90% of ODR)**	Day	100				
5	Repair Day Rate (RDR) **(Shall not be more than 50% of ODR)**	Day	30				
6	Fixed Charge per Rig Move to Cluster location (ILM0)	Lumpsum	1				
7	Fixed Charge per rig movement up to 50 Km. (ILM1)	Lumpsum	7				
8	Per Kilometer charges for rig movement in excess of 50 Km. (K)	Kilometer (KM)	500				
9	Base camp shift charge (BCM)	Lumpsum	5				
10	Bed Tea/Coffee (with Biscuits): BT	NOS	800				
11	Break Fast: BF	NOS	800				

12	Lunch: L	NOS	800				
13	Evening Tea with Snacks: ET	NOS	800				
14	Dinner: D	NOS	800				
15	Accommodation– Executive: AE	NOS	400				
16	Accommodation– Non-Executive: ANE	NOS	400				
Total estimated Contract Price of rig package along with manpower etc. for 2 years inclusive of all taxes and duties (for Bid evaluation / comparison)							

Sl. No.	**Particular**	**Unit**	**UNIT RATE (Excluding GST)**	**GST %**
17	Force Majeure Day Rate (FMDR) (**Shall not be more than 50% of ODR**)	Day rate		
18	Stack Day Rate (STDR) (**Shall not be more than 50% of ODR**)	Day rate		

NOTE:

B.1. During the Inter Location Movement from one location to another, only applicable "INTER LOCATION MOVEMENT CHARGES" will be paid. No Service 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 & Kilometer indicated in the above format are for evaluation purpose only. Payment towards these components shall be made as per actuals.

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

B.4 The quantities indicated in the above format against Meals and Accommodation are for evaluation purpose only. However, quantities may vary in actual and payment will be made on actuals only.

C. **Concessional Customs Duty & GST**: In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty @5% (Basic Customs Duty Nil & IGST @5%) subject to conditions specified therein (Condition No. 48). However, this is subject to change as per Government guidelines and the provisions ruling at the time of tender closing will be applicable. Similarly, the domestic supply of such goods would attract 5% GST (i.e. IGST or CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.

Name of the Authorized Signatory _____

Name of the Firm/Service Provider/Bidder:_____

PROFORMA-B1

INFORMATION IN THIS PRICE BID PROFORMA ARE REQUIRED IN CASE, OIL AT ITS DISCRETION, WANTS TO UTILISE THE ITEMS/SERVICES

1. INDEPENDENT TRANSPORT FLEET OPERATING CHARGE INCLUDING APPROPRIATE CREW AND POL		
A	HEAVY DUTY 50 T CRANE, PER HOUR (IF ANY)	Rs._____
B	MEDIUM DUTY CRANE, PER HOUR	Rs._____
C	OILFIELD TRUCK, PER HOUR	Rs._____
D	LONG TRAILER WITH TRACTOR, PER HOUR	Rs._____
E	FORK LIFT, PER HOUR	Rs._____
2. OFFICE BUNK HOUSE WITH ACCESSORIES, PER DAY		Rs._____
3. LIVING BUNK HOUSE WITH ALL ACCESSORIES, PER DAY		Rs._____

Note:

Prices under Proforma-B1 will not be considered for bid evaluation. Prices are to be quoted excluding GST which shall be extra to Company's account.

Name of the Authorized Signatory: _____

Name of the Firm/Service Provider/Bidder: _____

PROFORMA-B2

FOR MANPOWER SERVICES

Rates quoted against manpower service here below will not be taken for evaluation; **however, the same may be applied in case of additional man power requirement.**

Position	Total per day	Off	Allocated per Rig (a)	Unit	Unit Rate excluding GST (Rs.) (b)	Total amount (Rs.) (a)*(b)
Rig Manager/Rig Superintendent	1	1	2	Nos		
Tool pusher	1	1	2	Nos		
Night Tool Pusher	1	1	2	Nos		
Driller	2	2	4	Nos		
Assistant Driller	2	2	4	Nos		
Derrick men / Top man	4	4	8	Nos		
Roughneck/Floorman	8	8	16	Nos		
Chief Mechanic	1	1	2	Nos		
Chief Electrician	1	1	2	Nos		
Mechanic	2	2	4	Nos		
Electrician	2	2	4	Nos		
Asst. Electrician	2	2	4	Nos		
HSE Officer	1	1	2	Nos		
Medic/Doctor	1	1	2	Nos		
Welder	1	1	2	Nos		
Gas logger	2	2	4	Nos		
Top Drive Operator/Technician	2	2	4	Nos		

Heavy Crane Operator	1	1	2	Nos		
Forklift Operator	1	1	2	Nos		
Roustabout/ unskilled labour	8	8	16	Nos		

Note: Prices under Proforma-B2 will not be considered for bid evaluation

Name of the Authorized Signatory: _____

Name of the Firm/Service Provider/Bidder: _____

PROFORMA-C

BID FORM

To
M/s. Oil India Limited,
Bhubaneswar, Odisha

Sub: IFB No. _CBI9040P22

Gentlemen,

Having examined the General and Special Conditions of Contract and the 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 (_____) days calculated from the date issue of Mobilisation Notice.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum not exceeding _____ for the due performance of the Contract.

We agree to abide by this Bid for a period of 120 days from the date fixed for Bid closing and it shall remain binding upon us and may be accepted at any time before the expiration 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 the lowest or any Bid you may receive.

Dated this _____ day of _____ 202_.

Authorised Person's Signature: _____

Name: _____
Designation:_____

Seal of the Bidder:

PROFORMA-D

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

The Bidder shall furnish detailed statement of **exceptions/deviations,** if any, to the tender stipulations, terms and conditions in respect of each Section of Bid Document in the following format:

Section No.	Clause No. (Page No.)	Non-Compliance	Remarks

Authorised Person's Signature: _____

Name: _____
Designation:_____

Seal 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 indicated as per above format and submit along with their bids. If the "**Statement of Compliance**" in the above Proforma is left blank (or not submitted along with the technical bid), then it would be construed that the bidder has not taken any exception/deviation to the tender requirements.

PROFORMA-E

Bid Security Declaration

(to be submitted on Bidder's letter head)

M/s. Oil India Limited
Bhubaneswar, Odisha

Tender No.: **CBI9040P22**

I/We, the undersigned, declare that:

1.0 I/We understand that, according to your Tender conditions, bids must be supported by a Bid Security, which is in the form of a Bid-Security Declaration.

2.0 I/We the undersigned hereby declare that, if we withdraw or modify our Bids during the period of its validity, or if we are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline defined in the Tender document, we will be suspended for a period of two years. This suspension of two year shall be automatic without conducting any enquiry.

Name and Signature of

Authorized Signatory and Company Seal

PROFORMA-F

FORM OF PERFORMANCE BANK GUARANTEE

To:
M/s. OIL INDIA LIMITED,
3rd Floor, Idco Towers, Janpath
Bhubaneswar, Odisha

WHEREAS _____ (Name and address of Contractor) (hereinafter called "Contractor") had undertaken, in pursuance of Contract No. _____ 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 as security for compliance with Contractor's obligations in accordance with the Contract.

AND WHEREAS we (Name of Bank) ..... of (Name of country) ..... having our registered office at ..... (hereinafter called "the Bank") have agreed to give the Contractor such a Bank Guarantee.

NOW THEREFORE we hereby affirm that we are Guarantors on behalf of the Contractor, up to a total of (Amount of Guarantee in figures) _____ (in words _____), such amount being payable in the types 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 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 modification of the terms of the Contract or the work to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way cease us from any liability under this guarantee, and we hereby waive notice of such change, addition or modification.

This guarantee is valid until the ----------day of ----------

The details of the Issuing Bank and Controlling Bank are as under:

A. Issuing Bank:
BANK FAX NO:
BANK EMAIL ID:
BANK TELEPHONE NO.:
IFSC CODE OF THE BANK:

B. Controlling Office:

Address of the Controlling Office of the BG issuing Bank:
Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

SIGNATURE AND SEAL OF THE GUARANTORS _____
Designation: _____
Name of Bank: _____
Address: _____

Witness: _____
Address: _____
_____

Date:_____
Place: _____

PROFORMA-G

AGREEMENT FORM

This Contract is made on ____ day of _____ between Oil India Limited, a Government of India Enterprise, incorporated under the Companies Act 1956, having its registered office at Duliajan in the State of Assam and Project Office at IDCO Tower (3rd Floor) Janpath, Bhubaneswar 751022, Odisha hereinafter called the "Company" which expression unless repugnant to the context shall include executors, administrators and assignees on the one part, and M/s _____ (Name and address of Contractor) hereinafter called the "Contractor" which expression unless repugnant to the context shall include executors, administrators and assignees on the other part,

WHEREAS the Company desires that Services _____ (brief description of services) should be provided by the Contractor as detailed hereinafter or as Company may requires;

WHEREAS, Contractor engaged themselves in the business of offering such services represents that they have adequate resources and equipment, material etc. in good working order and fully trained personnel capable of efficiently undertaking the operations and is ready, willing and able to carry out the said services for the Company as per Section-II attached herewith for this purpose; and

WHEREAS, Company had issued a firm Letter of Award No. _____ dated _____ based on Offer No. _____ dated _____ submitted by the Contractor against Company's IFB No. _____.

WHEREAS, Contractor accepted the above Letter of Award vide--------- and submitted Performance Bank Guarantee No. ---------- Dated---------- valid till---------- issued by ----------(Bank's name with detailed address) for an amount of ----------.

All these aforesaid documents shall be deemed to form and be read and construed as part of this Contract. However, should there be any dispute arising out of interpretation of this contract in regard to the terms and conditions with those mentioned in Company's tender document and subsequent letters including the Letter of Intent and Contractor's offer and their subsequent letters, the terms and conditions attached hereto shall prevail. Changes, additions or deletions to the terms of the contract shall be authorized solely by an amendment to the contract executed in the same manner as this contract.

NOW WHEREAS, in consideration of the mutual covenants and agreements hereinafter contained, it is hereby agreed as follows -

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. In addition to documents herein above, the following Sections and Annexures attached herewith shall be deemed to form and be read and construed as part of this Contract viz.:

(a) Section-I indicating the General Conditions of this Contract;
(b) Section-II indicating the Terms of Reference;
(c) Section-III indicating the Special Conditions of Contract;
(d) Section-IV indicating the Schedule of Rates.
(e) Integrity Pact

(f) Letter of Award

(g) Performance Security (copy)

In case of contradiction between GCC/SCC/TOR/SOR, the terms and conditions mentioned in TOR will prevail followed by SOR, SCC and GCC - in that order.

3. In consideration of the payments to be made by the Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Company to provide the Services and to remedy defects therein in conformity in all respect with the provisions of this Contract.

4. The Company hereby covenants to pay the Contractor in consideration of the provision of the Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

IN WITNESS thereof, each party has executed this contract at Bhubaneswar as of the date shown above.

Signed, Sealed and Delivered,

For and on behalf of Company (Oil India Limited)	for and on behalf of Contractor (M/s. _____)
Name:	Name:
Status:	Status:
In presence of	In presence of
1.	1.
2.	2.

PROFORMA–H

PROFORMA LETTER OF AUTHORITY

To:
GM (HSE&A)
Oil India Ltd.,
3rd Floor, IDCO Towers, Janpath
Bhubaneswar 751022

Sir,

Sub: OIL's IFB No. CBI9040P22

We _____ confirm that Mr. _____ (Name and address) as authorised to represent us to Bid, negotiate and conclude the agreement on our behalf with you against Tender Invitation No. _____ for hiring of services for _____.

We confirm that we shall be bound by all and whatsoever our said representative shall commit.

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 competent and having the power of attorney (power of attorney shall be annexed) to bind such Bidder. If signed by a consortium, it shall be signed by members of the consortium.

PROFORMA–I

AUTHORISATION FOR ATTENDING BID OPENING

TO, Date: _____

GM (HSE&A)
Oil India Ltd.,
3rd Floor, IDCO Towers, Janpath
Bhubaneswar 751022

Sir,

Sub: OIL's IFB No. CBI9040P22

We authorise Mr. /Mrs. _____ (Name and address) to be present at the time of opening of the above IFB due on _____ at Bhubaneswar 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-J

CERTIFICATE OF ANNUAL TURNOVER, NET WORTH & WORKING CAPITAL

TO BE ISSUED BY PRACTISING **CHARTERED ACCOUNTANTS' FIRM** ON THEIR LETTER HEAD

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statements of M/s..... (Name of the Bidder) for the last three (3) completed accounting years upto _____ are correct.

YEAR	**TURN OVER** (in INR Crores)	**NET WORTH** (in INR Crores)

Place:
Date:
Seal:

Membership Code:
Registration No. :
Signature

PROFORMA-K

To

Oil India Ltd.,
3rd Floor, IDCO Towers, Janpath
Bhubaneswar 751022

SUB: SAFETY MEASURES FOR TENDER NO. CBI9040P22

DESCRIPTION OF WORK/ SERVICE:

Sir,

We hereby confirm that we have fully understood the safety measures to be adopted during execution of the above contract and that the same have been explained to us by the concerned authorities. We also give the following assurances.

a) Only experienced and competent persons shall be engaged by us for carrying out work under the said contract.

b) The names of the authorised persons who would be supervising the jobs on day to day basis from our end are the following:

i) _____
ii) _____
iii) _____

The above personnel are fully familiar with the nature of jobs assigned and safety precautions required.

c) Due notice would be given for any change of personnel under item(b) above.

d) We hereby accept the responsibility for the safety of all the personnel engaged by us and for the safety of the Company's personnel and property involved during the course of our working under this contract. We would ensure that all the provisions under the Oil Mines Regulations, 1984 and other safety rules related to execution of our work would be strictly followed by our personnel. Any violation pointed out by the Company's Engineers would be **rectified forthwith** or the work suspended till such time the rectification is completed by us and all expenditure towards this would be on our account.

e) We confirm that all persons engaged by us would be provided with the necessary Safety Gears at our cost.

f) All losses caused due to inadequate safety measures or lack of supervision on our part would be fully compensated by us and the Company will not be responsible for any lapses on our part in this regard.

(Seal)
Date_____

Yours Faithfully

M/s_____

FOR & ON BEHALF OF CONTRACTOR

PROFORMA-L

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 certain services under Tender No. **CBI9040P22 .** 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:

(i) 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.

(ii) 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.

(iii) 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 the Chief Vigilance Officers and in addition can initiate disciplinary actions.

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.

(i) 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 h e/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.

(ii) 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.

(iii) The Bidder (s) / Contractor (s) will not commit any offence under the relevant Anticorruption Laws of India, further, the Bidder (s) / Contractor (s) 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.

(iv) 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.

(v) Bidders to disclose any transgressions with any other company that may impinge on the anti-corruption principle.

(vi) The Bidder (s)/ Contractor (s) of foreign origin shall disclose the name and address of the Agents/ representatives in India, if any. Similarly, the Bidder (s)/ Contractor (s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further, all the payments made to the Indian agent/ representative have to be in India Rupees only.

(vii) Bidders not to pass any information provided by Principal as part of business relationship to others and not to commit any offence under PC/ IPC Act;

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

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

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 risibility 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.

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.

5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. Any issue relating to execution of contract, if specifically raised before the IEMs shall be looked into by IEMs.

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 Earnest Money Deposit / Bid Security.

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 Security Deposit / Performance Bank Guarantee.

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 Principal will enter into Pacts on identical terms with all bidders and contractors.

2. The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

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

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. However, the documents/records/information having National Security implications and those documents which have been classified as Secret/Top Secret are not to be disclosed.

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. However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.

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.

9. In case of any complaints referred under IP Program, the role of IEMs is advisory and would not be legally binding and it is restricted to resolving the issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidder.

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. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

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 / Bidder is a Joint Venture or a partnership concern or a consortium, this agreement must be signed by all partners or consortium members. In

case of sub-contracting, the Principal contractor shall take the responsibility of the adoption of IP by the sub-contractor and all sub-contractors shall also sign the IP.

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 intensions.

5. Issues like warranty / guarantee, etc. shall be outside the purview of IEMs.

..... **For the Principal** Date : Place :	**.....** **For the Bidder/Contractor** Witness 1: ..... Witness 2: .....

&&&&&

PROFORMA-M

To,

Oil India Ltd.,
3rd Floor, IDCO Towers, Janpath
Bhubaneswar 751022

Sub: Undertaking of authenticity of information/documents submitted

Ref: Your tender No. CBI9040P22 Dated 08.12.2021

Sir,

With reference to our quotation against your above-referred tender, we hereby undertake that no fraudulent information/documents have been submitted by us.

We take full responsibility for the submission of authentic information/documents against the above cited bid.

We also agree that, during any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to be false/forged/fraudulent, OIL has right to reject our bid at any stage including forfeiture of our EMD and/or PBG and/or cancel the award of contract and/or carry out any other penal action on us, as deemed fit.

Yours faithfully,

For (type name of the firm here)

Signature of Authorised Signatory

Name:

Designation:

Phone No.

Place:

Date:

(Affix Seal of the Organization here, if applicable)

PROFORMA-N

ON THE OFFICIAL PAD OF THE BIDDER TO BE EXECUTED BY THE AUTHORIZED SIGNATORY OF THE BIDDER

Certificate of Compliance of FINANCIAL CRITERIA:

Ref Clause No. 3.3 of the Bid Evaluation Criteria

I …… the authorized signatory(s) of …… (Company or firm name with address) do hereby solemnly affirm and declare / undertake as under:

The balance sheet/Financial Statements for the financial year _____ (as the case may be) has actually not been audited as on the Original Bid Closing Date.

Place: ……

Date: …… Signature of the authorized signatory

Note: This certificate is to be issued only considering the time required for preparation of Financial Statements i.e. if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date.

PROFORMA-O

UNDERTAKING BY VENDOR ON SUBMISSION OF PERFORMANCE BANK GUARANTEE

To,

Oil India Ltd.,
3rd Floor, IDCO Towers, Janpath
Bhubaneswar 751022

We M/s .....are submitting the performance security in favour of Oil India Limited, Bhubaneswar in the form of bank guarantee bearing reference no. ..... for an amount of INR ……..... valid up to ..... as per terms and conditions of our Purchase Order/Contract No.....

PBG issuing bank details:

Bank Branch IFS Code	
Contact Details E-mail Addresses	Mobile Telephone Fax
Correspondence Address H No/Street/City	State Country Pin Code

Declaration:
We have arranged to send the confirmation of issuance of the performance bank guarantee via SFMS portal through our bank using the details mentioned in the contract/purchase order and hereby confirming the correctness of the details mentioned.

Authorised Signature_____
Name _____
Vendor Code_____
Email ID _____
Mobile No _____

Encl: Original performance bank guarantee

PROFORMA-P

PROFORMA FOR UNDERTAKING FROM THIRD PARTY INSPECTION AGENCY

(To be submitted on official letter head)

TO
Oil India Ltd.,
3rd Floor, IDCO Towers, Janpath
Bhubaneswar 751022

Sir,

SUB: OIL's IFB No. CBI9040P22

M/s _____ having registered office at _____ intend to participate in the above referred tender of OIL INDIA LIMITED.

The tender conditions stipulates that the bidder shall submit documents pertaining to Bid Evaluation Criteria (BEC), duly verified and certified by designated independent Third Party Inspection Agency.

In this regard, we hereby certify that copies of documents pertaining to Bid Evaluation Criteria (BEC) submitted to us by the bidder, M/s _____ have been verified and certified by us with originals and found to be genuine and authentic. We have signed and stamped on the copies of all the verified and certified documents having ____ nos. of pages.

Note: In the event of any requirement, OIL reserves the right to ask the inspection agencies to verify the documents with source, if required at no extra cost to OIL.

Thanking you,

Authorised Person's Signature: _____

Name: _____

EXHIBIT–I

UNDERTAKING FOR WORKS INVOLVING POSSIBILITY OF SUB-CONTRACTING

(REF. CLAUSE NO. 6.6 OF THE FORWARDING LETTER)

We, M/s _____ , have read the clause regarding restrictions on procurement from a country which shares a land border with India and on sub-contracting to contractors from such-countries, we certify that we are not from such a country/or if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. We hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Yours faithfully,

For (type name of the firm here)

Signature of Authorized Signatory

Name:

Designation:

Phone No.

Place:

Date:

(Affix Seal of the Organization here, if applicable)

Checklist-1

COMMERCIAL CHECK LIST

Bidder's Name:_____

TENDER NO. CBI9040P22

This Questionnaire duly filled in should be returned along with each copy of Un-priced Bid. Clauses confirmed hereunder should not be repeated in the Bid.

Sl. No.	Description	Bidder's Confirmation
1.	Bidding structure	
2	Bidder's name and address:	
3.	It is noted that deviations to Terms & Conditions shall lead to rejection of offer, as specified in the Tender.	
4.	Ensure and confirm that prices quoted in 'Schedule of Rates', are for complete scope of work as defined in the tender	
5.	Indicate SAC Code Indicate rate of GST applicable.	SAC Code: GST ……..%
6.	EMD Details: EMD No., Issuing bank, amount with currency and Validity	
7.	Confirm to Submit PBG as per Tender requirement	
8.	Confirm that the offer shall remain valid for acceptance up to	

	hundred and twenty (120) days from final Bid Due Date/Date of opening of bids.	
9.	Whether Mobilization and Completion period of contract is complied?	
10.	Whether Integrity Pact Submitted?	
11.	Confirm that currency of quoted prices: (The same will be finally converted to Indian Rupees for evaluation).	
12.	Confirm that quoted prices shall remain firm and fixed until completion of the contract.	
13.	Confirm that you have submitted all documents as mentioned in the Tender/Annexures	
14.	Confirm acceptance to all terms & conditions of the Tender.	
15.	Confirm that all correspondence must be in English Language only.	
16.	Indicate Name & Contact No. (Telephone/Fax/E-mail) of person signing the bid.	Name: Contact No.: Fax: Email:
17.	Confirm that all Bank charges associated with Bidder's Bank shall be borne by Bidder.	
18.	Please indicate the following: (i) PAN No. (ii) GST Regn. No.	

19	Confirm submission of documents towards Local content of offered services. Self declaration & CA certificate as per PP-LC notification to be submitted.	

Bidder confirms that in case of conflicting version of various terms & conditions at different places, the confirmation furnished as above shall be considered over-riding and final and any other deviation indicated elsewhere shall be treated as redundant.

Signature _____

Name _____

Designation _____

Office Stamp _____

APPENDIX – 1

Date: ……

RIG INSPECTION CERTIFICATE

(SEPARATE CERTIFICATE TO BE ISSUED FOR EACH RIG)

(TO BE ISSUED BY DNV, ABS, BV, LLOYDS REGISTER & OILFIELD AUDIT SERVICES)

The following rig and equipment were inspected physically on _____ (date) and certified as under:

Sl. No.	Description	Details					
1.0	Identification No. of rig						
2.0	Current location of the rig (detailed address telephone & Fax No.						
3.0	Present owner of the rig (Detailed address, telephone & Fax No.)						
4.0	Details of rig / equipment inspected	Details of rig/equipment offered with ID No.	Model/ Capacity essuring	Whether meets the tender specification	Year of manufacture	Residual life	Remarks of Certifying Agency
4.0.1	Mast Make: Model: Capacity in MT: Height from ground level(in Ft):						

4.0.2	Sub Structure: Capacity in MT: Height from ground level (in Ft):						
4.0.3	NDT of Mast & Substructure						
4.1	Rig engine/ Generators: No. of engine:						
4.1.1	Generators: No. of Generators:						
4..2	Rig Compressors(Electrical)						
4.2.1	Rig Compressors(Cold Start)						
4.3	Draw works:						
4.3.1	Eddy Brake/Disc Brake/Auxiliary Brake						
4.3.2	Rotary Table: Rotary Table opening (in Inch):						
4.4	Travelling Block:						
4.4.1	Crown Block:						
4.4.2	Hook						
4.4.3	Top Drive						
4.4.4	Swivel:						
4.4.5	Kelly:						
4.5	Mud pumps: Qty.:						
4.5.1	Super Charge pump						

4.5.2	Linear Motion Shale Shaker						
4.5.3	Desander						
4.5.4	Desilter						
4.5.5	Degasser						
4.5.6	Centrifuge						
4.5.7	Liner Motion Mud Cleaner						
4.5.8	Instrumentation System						
4.5.9	Stand Pipe Manifold						
4.5.10	Rotary Hose						
4.6.1	Annular BOP:						
4.6.2	BOP: Double Ram/Two Stack BOP with one set Shear cum Blind ram & one set Pipe ram: Manual control : (Y/N)						
4.6.3	BOP Control unit: Hydraulic operated: (Y/N)						
4.6.4	Choke & Kill Manifold						
4.6.5	Remote BOP Panel						
4.6.6	Remote Choke Panel						
4.7	NDT of Tubulars						
4.8	Refurbishment, if any, with date and details of refurbishment.						

The rig after due inspection, is found in good operating / working conditions.

(Signature with name and designation)

Note:

(1) For the rig / equipment already in existence, the above certificate shall be given by third party inspection agency namely DNV, ABS, BV, LLOYDS REGISTER & Oilfield Audit Services, India on their letter head in original. Certificate from other agencies shall not be accepted.

(2) Third party Inspection should be carried out on or after the date of issue of this tender document by Company and original inspection documents should be submitted along with the techno-commercial bid.

Attachment – I

BEC COMPLIANCE MATRIX

Tender No. CBI9040P22	
Name & complete Address of Bidder:	Name & complete Address of Technical Collaborator / Joint Venture Partner / Consortium Partners (as applicable)
Phone No.:	Phone No.:
Fax No.:	Fax No.:
E-Mail:	E-Mail:
Legal Constitution & Date of Incorporation / Commencement of Business:	Legal Constitution & Date of Incorporation / Commencement of Business:

Bidder to indicate the following brief details regarding the Rig(s) quoted as under:

Brief Details Sought	To Be indicated by Bidder
No. of options quoted	
Whether rigs are owned /purchase or Leased basis (to be given for each options of rigs quoted)	
Year of Manufacturer (to be given for each options of rigs quoted)	
Present location of Rig (to be given for each options of rigs quoted)	

TECHNICAL			
BEC Cl. No.	Clause	Bidder to indicate "**CONFIRMED" / "NOT CONFIRMED**" in Indelible Ink, against **each Clause / Sub-Clause**	Bidder to indicate the relevant Page No. of their Bid (for supporting Document, etc.), corresponding to each clause.
I	**GENERAL CONFORMITY:** The bid shall conform generally to the specifications and terms & conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to the 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 EVALUATION CRITERIA:** The bidder must meet the following criteria:		
1.0	Bidder must be incorporated in India and must have more than 20% local content for the offered services. Regarding calculation of local content and submission of documents during bidding & execution of contracts, provision of Purchase preference policy linked with Local Content (PP-LC) notified vide Letter No. FP-20013/2/2017-FP-PNG dated 17th November, 2020 of MoPNG shall be applicable as per the Notification(s) and any amendment thereof. If such local content is not maintained during execution of contract, OIL reserves the right to invoke the Performance Securities submitted by the bidding and supporting companies.		

	Note: A copy of Certificate of Incorporation must be provided along with the Bid. Also, bidder must mention the percentage of local content in their technical bid along with requisite certificates (self-declaration & certificate of statutory auditors / CA etc.) as per provisions of PPLC notified by MoPNG as mentioned above.		
2.0	**EXPERIENCE:**		
2.1	The Bidder must meet the following experience criteria in the last seven (07) years preceding the Original Bid Closing Date:		
a)	Minimum 01(one) year continuous experience of providing drilling services with minimum 1400 HP rig capacity on charter hire basis against a single Contract.		
b)	Drilling of at least 05 (five) Nos. oil/gas wells with drilling rig of minimum 1400 HP capacity out of which at least one well should be of depth range 3500 Mtrs minimum.		
	Note: **(i) Bidders must submit documentary evidence as:** Contract/Agreement copy along with satisfactory completion/performance report clearly mentioning Contract/Agreement No. and volume of job completed. OR Contract/Agreement copy with proof of settlement/release of final payment against the contract. OR Contract/Agreement copy with any other documentary evidence that can substantiate the satisfactory execution of the contract as mentioned in the above clause. **(ii) The Company reserves the right for physical inspection of the rig package at Contractor'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 below.		
c)	Bidder must have experience for operation and maintenance of Top Drive of the rig. If the bidder does not have the said experience, then they shall have to confirm that in the event of award of contract, maintenance support of the 'Top Drive' will be provided from the manufacturer of the 'Top Drive' throughout the contract period. A 'Memorandum of understanding (MOU)' between the manufacturer and the bidder shall have to be submitted along with the technical bid in support of the maintenance of their offered 'Top Drive' system.		
2.2	**In case the Bidder is a Consortium of Companies (leader of the consortium should be incorporated in India and the Consortium shall maintain more than 20% local content as mentioned in clause 1.0 above), the following requirements must be satisfied by the Bidder:**		
(a)	The leader of the consortium has to satisfy the minimum experience requirement as per clause 2.1 above.		
(b)	The leader of the Consortium must submit bid on behalf of consortium of Bidders. Memorandum of Understanding (MOU) between the Consortium members duly executed by the CEO/Authorized person and certified by the competent authority of the respective organization of the consortium members and notarized, must accompany the bid which should clearly define role/scope of work of each partner/member and should clearly define the leader of consortium. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for discharging all obligations under the Contract. However, the Leader of the Consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the "Scope of Work" of this bid document. In case of award, such MOU shall		

	be kept valid through the entire contract period, including extensions, if any. The following provisions should also be incorporated in the MOU executed by the members of the Consortium.		
(c)	Only the Leader of the consortium should register in the e-tender portal and submit bid on behalf of the Consortium. The other members of the Consortium shall ratify all the acts and decisions of the Leader of Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract.		
(d)	The Performance Security shall be in the name of the Leader on behalf of the Consortium.		
(e)	The leader of the Consortium on behalf of the Consortium shall coordinate with OIL during the period the bid is under evaluation, as well as, during the execution of works, in the event contract is awarded and he shall also be responsible for resolving dispute / misunderstanding / undefined activities, if any, amongst all the Consortium members.		
(f)	Any correspondence exchanged with the leader of consortium shall be binding on all the consortium members.		
(g)	Payment shall be made by OIL only to the leader of the consortium towards fulfilment of contract obligations.		
(h)	In case of Consortium bids, the bid shall be digitally signed by the leader of Consortium. The Power of Attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the Bid offer.		
(i)	Documents/details pertaining to qualification of the bidder must be furnished by each partner/ member of		

	consortium complete in all respects along with the bid clearly bringing up their experience especially in the form of work in their scope.		
(j)	**Constitution of Consortium:** If during evaluation of bid, a consortium leader proposes any alterations/changes in the constitution or replacement or inclusion or expulsion of any partner(s)/ member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to his knowledge at any time, the bid of such a consortium shall be liable for rejection. The members of the consortium should not be more than three.		
(k)	**Signing of Contract:** In the event of award of contract to the consortium, the contract to be signed by all the members of the consortium and the liability of each one of them shall be jointly and severely.		
(l)	Members of the consortium are not allowed to quote separately / independently against this tender. All the bids received in such case will be summarily rejected. Further, all bids from parties with technical support from the same Principal shall be rejected.		
(m)	Certified copies (attested by Director / Company Secretary) of Board resolutions passed by respective Board of Directors of the companies (Consortium leader and members) agreeing to entering into such consortium with each other for submission of bid for the NIT and authorizing designated executives of each company to sign in the MOU to be provided along with the technical bid.		
(n)	The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarized.		
2.3	**Indian Company/Indian Joint Venture Company as bidder:** In case, the Bidder is an Indian Company/Indian joint venture Company, then the lead bidder should meet the experience criteria (a) to (c) of Clause No. 2.1 above. Also, the Indian		

	Company/Indian Joint Venture Company who does not meet the minimum experience criteria as per clause 2.1 (a) to (c) above may also submit the bid on the strength of Technical Collaborator/Joint Venture Partner. However, the Indian company/Indian joint venture company must meet the financial criteria under Clause No. B.1.0 below. Additionally, all the joint venture members shall individually meet the financial criteria mentioned in Clause No. B.2.0 below.		
(a)	Indian bidders quoting based on technical collaboration/joint venture, shall submit a Memorandum of Understanding (MOU) with their technical collaborator/joint venture partner clearly indicating their roles and responsibilities under the scope of work, which shall also be addressed to OIL and remain valid and binding throughout the contract period, including extension if any.		
(b)	The Technical Collaborator/Joint Venture Partner at its own shall meet the experience criteria as in clause No. 2.1 (a) to (c) above. The experience of the Technical Collaborator/Joint Venture with other firm(s) will not be qualified.		
(c)	Any party, who is extending technical support by way of entering into technical collaboration with another party, shall not be allowed to submit an independent Bid against the tender and such bids shall be rejected straightway. Further, all bids from parties with technical collaboration support from the same Principal will be rejected.		
	NOTE: In case the contract is awarded based on the bid submitted as per Clause 2.3. & 2.3.(a) above, in order to meet the commitment from the Technical collaborator / Joint Venture partner - all key personnel including the rank of Driller and above shall be from the pay roll of the Technical collaborator / Joint Venture partner for the full duration of the project.		

3.0	**DRILLING RIG:**		
3.1	The bidder shall be in possession of the rig(s) offered either owned or leased. In case the bidder is not in possession of the rig(s) at the time of submission of bids, they may offer rig(s) for which they have an agreement for lease /purchase. However, brand new Rig which is proposed to be purchased but not readily available at the time of Bid closing date shall not be acceptable.		
3.1.1	**Identification of rig:**		
i)	Bidders are required to identify the rig(s) at the time of submission of bids 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 (Sub Leased Rig will not be accepted)/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 Techno-commercial (un-priced) Bid, the Memorandum of Understanding / Agreement of lease/purchase document 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. The above MOU/Agreement must be valid at least through validity of the bid with a specific stipulation that in the event of an award of contract by Company against this tender, the MOU/Agreement shall be kept valid for the entire period of contract including any extension thereof.		
iv)	Bidder shall offer not more than two rigs against their quote for one rig. Bidder shall identify the rig 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 OIL. Offer beyond two rigs will not be considered for		

	evaluation (Only 1st two options, option 1 and 2 will be considered for evaluation). Bidders will have to mobilize the rig out of these identified rigs, which are found acceptable to OIL.		
v)	Bidder would not be allowed to substitute the rig once offered by them in their bid. If more than one rig is offered by a bidder, only first two rigs (Option 1 & 2) would be techno-commercially evaluated. The bidder can mobilize rig that is found techno-commercially acceptable by OIL, 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 Rig but with the condition "subject to availability" may be considered for techno-commercial evaluation. The bidders, however, shall have to confirm the unconditional availability of their offered rig minimum **one day** prior to price bid opening. The date of price bid opening will be intimated to the bidder in due course. Bidders, who fail to confirm availability of Rig will not be considered for price bid opening and would not be considered for award of Contract also.		
3.2	The individual horsepower rating of the rig(s) offered should be minimum 1400 HP. Further, the rig(s) offered should be Diesel Electric (AC-SCR or 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(s) is given in Part-3: Section-II in Bid Document. Spacing between wells at surface on cluster well plinth 18m (approx.). Bidders must confirm compliance of the same.		
3.3	The Bidder should confirm that their offered rig(s) is/are installed with suitable top drive system.		
3.4	**Vintage:** The offered Rig(s) should not be more than 15 years old as on the original bid closing date and for compliance of this clause, following major rig components/equipment shall be considered: a. Mast and sub-structure including draw-works		

	b. Mud pumps c. Rig engines d. Power Control Room (PCR) **For Vintage calculation, the oldest item(s) among the above will be considered.** Bidders must submit the certificate of year of manufacture from the Rig manufacturer/OEM. Further, the offered rig should be in operation for minimum 03 months at a stretch in last 07 (Seven) years reckoned from the original Bid closing date, in case of already available rig. However, in case of rigs with less than 07 (Seven) years of vintage, this requirement will not be applicable. The bidder must submit an Undertaking (in Bidder's Official Pad) and copy(s) of Contract Agreement(s) as documentary evidence towards compliance of the same.		
3.5	**Residual life:** The offered drilling rig should have a minimum residual life of seven (7) years as on the original bid closing date. The bidder should submit a certificate in original from any one of the following inspection agency as per Rig Inspection Certificate (Appendix-1) along with techno-commercial (unpriced) bid: (i) M/s Bureau Veritas (ii) M/s Det Norske Veritas (iii) M/s Lloyd's (iv) M/s Oil Field Audit Services (v) M/s ABS **Note: The certificate should clearly indicate and confirm without any ambiguity the following:**		

	(d) Name and address of the owner of the rigs after due verification of documents. (e) Confirmation that the rig package meets the technical specification as laid down at **Part-3: Section-II** of the Tender Document. (c) Make, Model, Capacity/Rating, month & year of manufacture and residual life as inspected for each of the component as well as for the overall rigs.		
3.6	The rig should be capable of drilling wells fulfilling "Scope of Work" and conforming to the technical specifications as laid down in the bid document.		
3.7	The bidder shall submit the lay-out drawing of the offered rig(s) in the Technical bid along with the confirmation that foundation design and detailed working drawing and Load Bearing Diagram would be submitted within 15 days from the date of issue of Letter of Award.		
3.8	**Mobilization Period:** The bidder must categorically confirm in the Technical Bid that in the event of award of contract, mobilization shall be completed within 120 days from the date of Mobilization Notice from OIL after issuance of Letter of Award (LOA).		
3.9	Offers indicating mobilization time more than One Hundred Twenty (120) days from the date of issue of Mobilization Notice will be summarily rejected. Bidders are advised to indicate the best mobilization schedule in their bid.		
3.10	Bidder must categorically confirm to provide complete rig package and carry out entire jobs as per Scope of Work, Terms of Reference and Technical Specifications elaborated in the Tender Document and will not sublet the main drilling services against the contract, if awarded, failing which the bid will be rejected.		
3.11	The bidder must confirm to comply with the applicable & prevailing provisions of MoEF, DGMS, Mines Act 1952, Oil Mines Regulation 2017, OISD		

	Guidelines and 10th conference recommendation of Safety in Mines.		
3.12	Details of experience and past performance of the bidder and of their consortium partner, if any, on works/jobs done of similar nature are to be submitted along with the Techno-commercial (Un-priced) Bid, in support of experience laid down at para 2.1 above. Also, details of current work in hand and other contractual commitments of the bidder (indicating areas and clients) are to be submitted along with the Techno-commercial (Un-priced) Bid.		
4.0	**DRILLING CREW:**		
4.1	**Experience:** Key personnel must have requisite experience and qualifications as per "Scope of Work/Terms of Reference". The key personnel should have valid International Well Control Forum (IWCF) certification at appropriate level.		
4.2	**Key personnel:** The bidders must submit an Undertaking confirming to provide the key personnel with requisite experience and qualification as specified in Clause 16 - HR SPECIFICATION [PERSONNEL TO BE DEPLOYED] under Part-3; Section-II, Terms of Reference/Scope of Work of Bid Document. Rig Manager/Rig Superintendent, Tool Pusher, Night Tour Pusher, Drillers and Assistant Drillers should possess valid International Well Control Forum (IWCF) certificates at appropriate levels and should be fluent in English.		
4.3	**Resume/CV of Personnel:** (a) Resume/CVs along with copies of certificates in regards to Education qualification, Work experience & IWCF etc. for the Rig Managers/ Rig Superintendents (at least 02 two nos.) should be furnished as per biodata format (Annexure III) along with un priced Techno-commercial bid. **Note:** All submitted copies of certificates in regards to Education qualification, Work experience & IWCF etc. for Rig Managers/Rig Superintendents should be verified and certified by independent third		

	party inspection agencies as per clause under III - 9.0 of BEC. (b) Resume/CVs of other key personnel to be involved in the services along with copies of certificates in regards to their Education qualification, work experience & IWCF etc. should be furnished as per bio-data format (Annexure III) at least two months prior to completion of mobilization. Bidder must confirm the same in un-priced Techno-commercial bid.		
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 (i) in support of fulfilling all the requirements along with their un-priced techno-commercial Bids.		
(i)	**Rig offered:** Documents relating to rig package already in possession or proposed to own/lease along with the proof of vintage (i.e. copy of purchase order and B/L or invoice or any other documentary evidence that can substantiate the date of satisfactory execution of purchase order), description and complete technical specifications etc.		
(ii)	**Drilling experience of bidder:** (a) Statement to be furnished by the bidder in a tabular form along with copies of contracts/work-orders along with completion certificates/payment certificates issued by the clients. (b) End of well reports and/or Daily report or any other document(s) issued by the client(s) in confirmation of number of wells and well depth as per clause no. 2.1 (b) above.		
(iii)	**Financial Turnover of Bidder:** Copy of audited Balance Sheets/Profit and Loss Accounts etc. for the last thee (3) accounting years.		

(iv)	MOU or legally acceptable documents in support of consortium arrangements / technical collaboration / joint venture arrangements, if any.		
(v)	**Residual life** of the rig(s) offered as per para 3.5 above.		
(vi)	Contractor's general structure and organization, including the branch/sub-division dedicated to specific activities related to the execution of the contract.		
(vii)	Details of bidder's Health, Safety and Environmental Management Policy Manual together with a copy of Safe Operating Practices (SOP) of all rig operations.		
(viii)	The bidder shall submit the layout drawings as specified under clause 3.7 above. Also to confirm the submission of foundation design and detailed working drawing & load bearing diagram as per clause no. 3.7 above.		
	Notes: 1. Bid without the above listed documents or information shall be rejected. 2. Oil India Limited (OIL) reserves the right to contact the Client(s) referred by the Bidder for authentication of the documents submitted by the Bidder. OIL may contact the clients/operators under intimation/copy to the respective Bidder. It will be the responsibility of the Bidder to take up the matter with his Client(s) and arrange for the confirmation as desired by OIL. 3. All Certificates and documentary evidences required to be submitted in support of Para A above and B below should be clearly legible and in the English language. If any certificate is submitted in a language other than English language, the same should be translated to English, duly authenticated by local chamber of Commerce of bidder's/Technical Collaborator's /Consortium partner's/ Joint Venture partner's country, in which case, for purposes of interpretation of the bid, the English translation shall prevail.		

	4. All the documents submitted towards compliance of BEC should be verified and certified by TPI as per Clause No. III – 11.0 below.		

Name of the Authorized Signatory: _____

Name of the Firm/Service Provider/Bidder: _____

****End of Tender Document****