ऑयल इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Oil India Limited
(A Government of India Enterprise)

FRONTIER BASIN PROJECT
P.O: DULIAJAN, DIST: DIBRUGARH
ASSAM (INDIA), PIN-786602
Tel: +91-374-280 7458
Email: frontierbasin@oilindia.in
Website: www.oil-india.com

FORWARDING LETTER

M/s_____
_____
_____
_____

Sub: IFB No. CNG8561P22 for 'Hiring of 3000 HP rig package with accessories for 3 years with provision of 1-year extension for Drilling in Assam and Arunachal Pradesh'.

GeM Availability Report ID: GEM/GARPTS/20102021/LXHUKAC8SR22

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. Duliajan is well connected by Air with nearest Airport being at Dibrugarh, 45 km away.

2.0 In connection with its operations, OIL invites International Competitive Bids (ICB) from competent and experienced Contractors through OIL's e-procurement site for **'Hiring of 3000 HP rig package with accessories for 3 years with provision of 1-year extension for Drilling in Assam and Arunachal Pradesh'.** 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:

(i)	IFB No. /E-Tender No.	:	**CNG8561P22**
(ii)	Type of Bidding	:	Online Open Global e-Tender: Single Stage-Two Bid System
(iii)	Tender Fee	:	Not Applicable
(iv)	Bid Closing Date & Time	:	As mentioned in OIL E-tender portal
(v)	Technical Bid Opening Date & Time	:	As mentioned in OIL E-tender portal
(vi)	Price Bid Opening Date & Time	:	Will be intimated only to the eligible/qualified Bidders nearer the time.
(vii)	Bid Submission Mode	:	Bids must be uploaded online in OIL's E-procurement portal

(viii)	Bid Opening Place	:	Office of ED (BM-Frontier) Frontier Basin Project, Oil India Limited, Duliajan -786602, Assam, India.
(ix)	Bid Validity	:	120 (one hundred twenty) days from Bid Closing date
(x)	Mobilization Time	:	As defined in the tender
(xi)	Bid Security Amount	:	**Not Applicable**
(xii)	Bid Security Validity	:	**Not Applicable**
(xiii)	Original Bid Security to be submitted	:	**Not Applicable**
(xiv)	Amount of Performance Security	:	**3% of annualized total contract value**
(xv)	Validity of Performance Security	:	Up to 3(three) months from date of completion of contract
(xvi)	Location of job	:	Assam and Arunachal Pradesh of India
(xvii)	Duration of the Contract	:	03 (Three) years from the date of commencement of operation with a provision for extension by another 01 (One) year at the option of OIL.
(xviii)	Quantum of Liquidated Damage for Default in Timely Mobilization	:	Refer **Clause No. 30.0** of Part-3, Section-I (General Conditions of Contract).
(xix)	Integrity Pact	:	Must be digitally signed & uploaded along with the Techno-commercial Bid.
(xx)	Bids to be addressed to	:	ED (BM-Frontier) Frontier Basin Project, Oil India Limited, Duliajan -786602, Assam, India.
(xxi)	Pre-Bid Conference	:	Tentatively scheduled on **09.11.2021 and 10.11.2021**.
(xxii)	Last Date for receipt of Pre-bid Queries	:	**05.11.2021** **(Queries received after 05.11.2021 will not be entertained)**

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 change 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 Details of process for submission of Bid Security (EMD) through the online payment gateway are available in Vendor User Manual under E-Procurement Portal. (**Note:** Important Points for on-line Payment can be viewed at Oil India's website at url:http://oil-india.com/pdf/ETenderNotification.pdf).

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

5.0 PRE-BID CONFERENCE:

5.1 A Pre-Bid Conference is tentatively scheduled to be held on **09.11.2021 and 10.11.2021** through **Video Conference (VC)** to explain the requirements of Company in details to the interested prospective Bidders and to understand bidders' perspective including exchange of

views/clarifications, if any, on the Scope of Work, Bid Rejection/Bid Evaluation Criteria and other terms & conditions of the Tender. The parties who want to participate in the pre-bid conference must confirm their participation and forward the **e-mail IDs and contact details of maximum 2(two) representatives** along with their pre-bid queries to email ID: frontierbasin@oilindia.in , if any latest by **05.11.2021.** The link for VC shall be forwarded to the nominated representatives nearer the scheduled date of pre-bid conference.

5.2 It is recommended to the prospective Bidders to attend the pre-bid conference and to make site visits to familiarize themselves with all the salient features of terrain and available infrastructure in OIL's operational areas. This will help the bidder to understand the total requirement for proper bidding.

5.3 Maximum two (2) representatives from each prospective Bidder, who registered themselves against the tender shall be allowed to participate in the pre-bid conference. All costs associated to attend the pre-bid conference by their representatives shall be borne by the interested Bidders.

5.4 The prospective bidders shall submit their queries/clarifications against the tender through E-mail / Courier addressed to ED (BM-Frontier), Frontier Basin Project, Oil India Limited, Duliajan -786602, Assam, and such queries must reach OIL's office at Duliajan latest by **05.11.2021**. OIL shall provide clarifications to only those queries received within this date. Queries/ Clarifications against the tender received beyond **05.11.2021** will not be entertained and replied. OIL will not be responsible for non-receipt or late receipt of any bidder's query in OIL's office.

5.5 However, clarifications/exceptions/deviations, if required any, should be brought out by the bidder prior to or during the Pre-Bid Conference only. After processing these suggestions, as a sequel to the pre-bid conference, Company may communicate the changes in this regard, if agreed any, through an addendum to tender document to the prospective bidders who have registered against the tender. Company will not accept any exception/deviation to tender conditions/specifications once the same are frozen after the pre-bid conference and the non-compliant bid(s) shall be rejected outright against this tender.

5.6 The exact date and venue of pre-bid conference will be intimated later on. The Pre-Bid conference may be held through VC as well.

6.0 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, Bid Security will be forfeited and 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 Bid Security shall be forfeited and 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

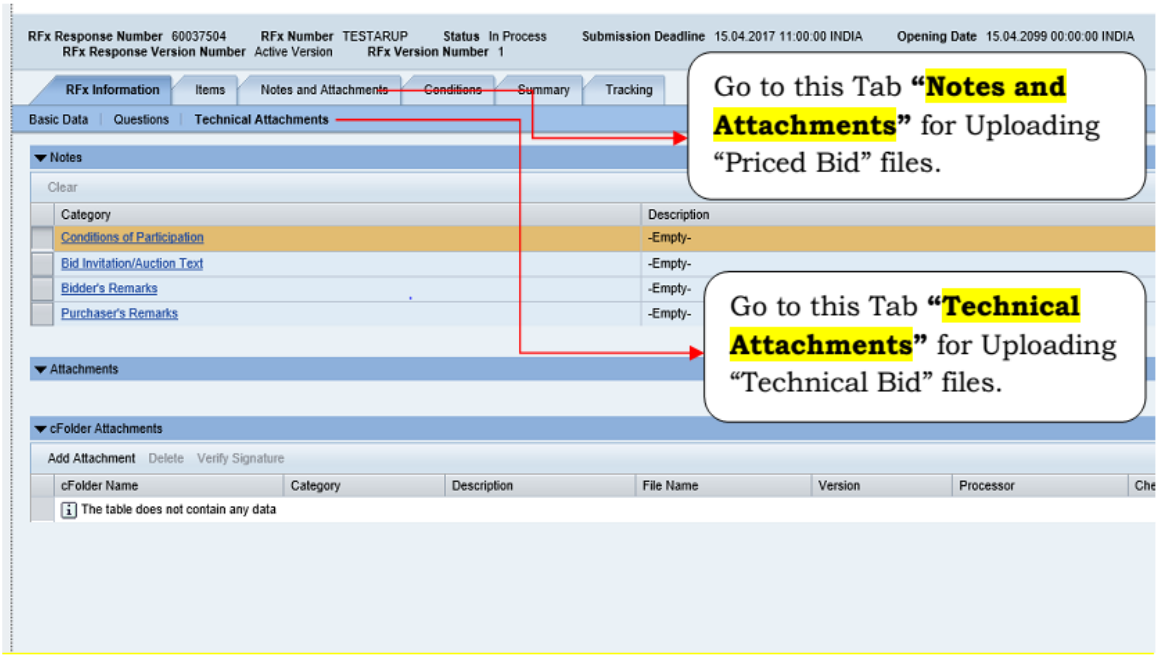
award of the contract or after expiry of the contract, that the bidder had submitted any fake/fraudulent document or furnished false statement, the offer/contract shall be rejected/ cancelled, as the case may be and the bidder (if fake document/false statement pertains to such bidder) shall be dealt 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 11.00 AM (IST)(Server Time) on the date as mentioned and will be opened on the same day at 2.00 PM(IST) at the office of the CGM-Contracts 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.**



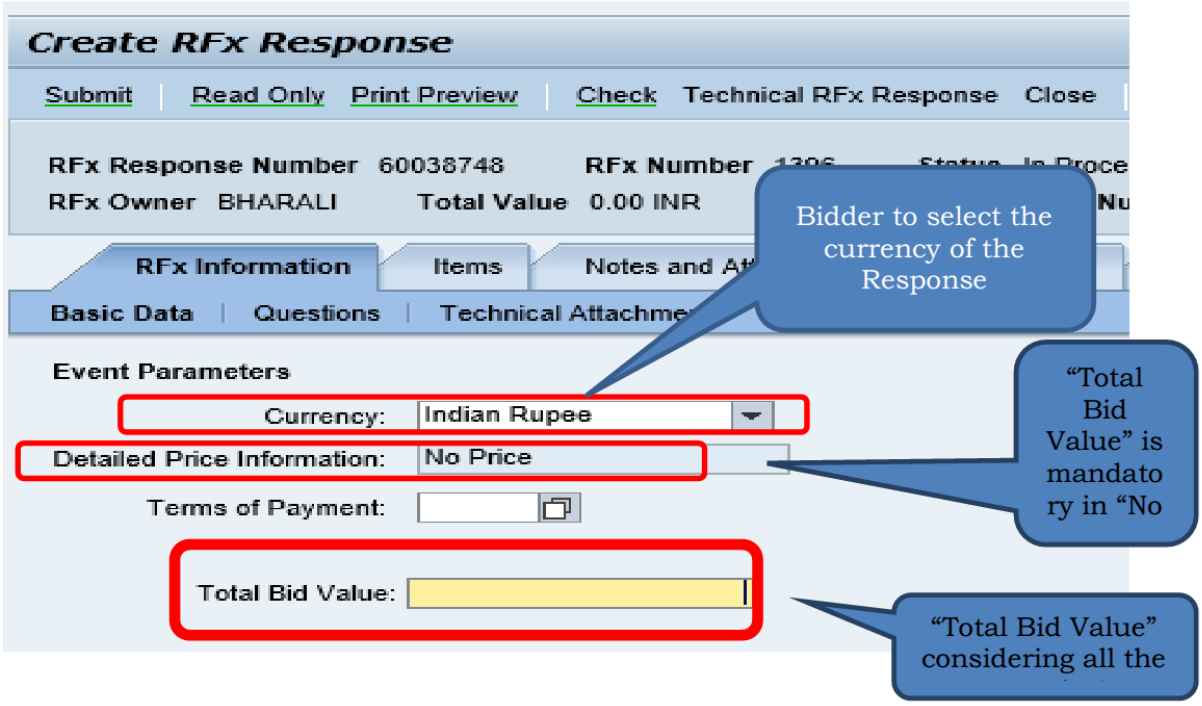
On "EDIT" Mode, Bidders are advised to upload "Technical Bid" and "Priced Bid" in the places as indicated above.

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.

7.0 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:

7.1 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)].

7.2 "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.

7.3 "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

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

7.4.1 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;

7.4.2 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;

7.4.3 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;

7.4.4 Where no natural person is identified under 7.4.2 or 7.4.3 above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

7.4.5 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.

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

7.6 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.

7.7 **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.

7.8 The bidders to provide an undertaking as per **Exhibit-II** along with their bid complying with Clause No. 7.1 above. If such certificate given by a bidder whose bid is accepted is found to be false, this would be a ground for immediate termination and further legal action in accordance with law.

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

Thanking you,

Yours faithfully,
OIL INDIA LIMITED

Sd/-
(S. Patowary)
(E-mail ID: suvam.patowary@oilindia.in)
Sr. Officer – Contracts (FB)
For Executive Director-BM (Frontier)

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)
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) Integrity Pact (Proforma-J)
r) Safety Measures (Proforma– K)
s) Certificate of Annual Turnover and Net Worth (Proforma L1)
t) Certificate of Compliance of Financial Criteria (Proforma–L2)
u) Format of undertaking by Bidders towards submission of authentic information/documents (Proforma–M)
v) Undertaking by Vendor on submission of Performance Bank Guarantee (Proforma-N)
w) Undertaking for Mobilisation (Proforma–O)
x) Proforma for Undertaking from TPI (Proforma-Q)
y) Proforma against QCBS (Proforma–R)
z) Annexures I to X
aa) Commercial Checklist (Checklist-I)
bb) Checklist for BEC (Checklist-II)
cc) Exhibits I and II

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 (For Global Tenders).
g) Copy of Priced Bid without indicating prices (Proforma-B).
h) Integrity Pact digitally signed by OIL's competent personnel as Proforma-J 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
b) Bid Form as per Proforma-C
c) Proforma-A showing the items to be imported with the CIF values (For Global Tenders).

The Priced Bid shall contain the prices along with the currency quoted and 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 customs duty which will be borne by the Company) and taxes (excluding GST) including Corporate Income Tax, Personal Tax, Assam Entry Tax 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:

8.1 A bidder expecting to incur its expenditures in the performance of the Contract in more than one currency, and wishing to be paid accordingly, shall so indicate in the bid. In such a case, the bid shall be expressed in different currencies and the respective amounts in each currency shall together make up the total price.

8.2 Indian bidders too can submit their bids in any currency (including Indian Rupees) and receive payment in such currencies on par with foreign bidders. However, currency once quoted will not be allowed to be changed.

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) 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 if they fail to submit performance security before the deadline defined in the NIT; they will be suspended for a period of two years. This suspension of two years shall be automatic without conducting any enquiry.

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. The Bid Security provided under Para 10.0 above shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid Security. 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 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 necessarily 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 CGM-Contracts, Oil India Ltd., Duliajan-786602 (Assam) on or before 12.45 Hrs (IST) on the bid closing date indicated in the IFB:

~~a) The Original Bid Security along with 1(one) copy~~

b) Printed catalogue and literature if called for in the bid document.

c) Power of Attorney for signing of the bid digitally.
d) 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 Indian agent/representative/retainer/associate

Foreign bidders shall clearly indicate in their bids whether they have an Agent/Representative/Retainer/Associate in India. In the event the overseas bidder is having an Agent/Representative/Retainer/Associate in India, the bidder should furnish the name and address of their Agent/Representative/Retainer/Associate in India and clearly indicate nature and extent of services to be provided by such an Agent/ Representative/Retainer/Associate in India and also stating in their bids whether the Agent/Representative/Retainer/Associate is authorized to receive any commission. The rate of the commission included in the quoted rates of bidder should be indicated which would be payable to Agent/Representative/Retainer/Associate in non-convertible Indian currency according to Import Trade Regulation of India. Unless otherwise specified, it will be assumed that agency commission is not involved in the particular bid.

Further, overseas bidders shall submit their bids directly and not through their Agent/Representative/Retainer/Associate in India. Bid submitted by Indian Agent/Representative/Retainer/Associate on behalf of their foreign principals will not be considered and will be rejected straightway. Moreover, one Indian Agent/Representative/Retainer/Associate cannot represent more than one foreign bidder against the IFB.

The Indian Agent/Representative/Retainer/Associate will not be permitted to submit any Bid Security and Performance Security on behalf of their foreign principals and also the Indian Agent/ Representative/Retainer/Associate will not be allowed to execute the contract and receive payment against bid submitted by their foreign principals. Such bids shall be rejected straightway.

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 the Bidder's forfeiture of its Bid Security and bidder shall also be debarred 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, the presence of requisite Bid Security, 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 Conversion to single currency

While evaluating the bids, the closing rate (B.C. Selling Rate) of exchange declared by State Bank of India on the day prior to price bid opening will be taken into account for conversion of foreign currency into Indian Rupees. Where the time lag between the opening of the price bids and final decision exceeds three months, the rate of exchange declared by State Bank of India on the date prior to the date of final decision will be adopted for conversion.

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.

22.2 **Loading of foreign exchange**

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

22.3 Exchange rate risk

Since Indian bidders are now permitted to quote in any currency and also receive payments in that currency, Company will not be compensating for any exchange rate fluctuations in respect of the services.

22.4 Repatriation of rupee cost

In respect of foreign parties rupee payments made on the basis of the accepted rupee component of their bid, would not be repatriable by them. A condition to this effect would be incorporated by the Company in the contract.

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.

26.3 Upon the successful Bidder's furnishing of Performance Security pursuant to Clause 27.0 below, the Company will promptly notify each un-successful Bidder and will discharge their Bid Security, pursuant to Clause 10.0 hereinabove.

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 Bid Security or the Performance Security if submitted by the successful Bidder. The party shall also be debarred for a period of 2(two) years from the date of default.

(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-J 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.

31.2 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@gmail.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

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

1.0 **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.

2.0 **TECHNICAL EVALUATION CRITERIA:** The Bidder must meet the following criteria:

2.1 **EXPERIENCE OF THE BIDDER:**

The Bidder must have the following experience during last seven (7) years as on the original bid closing date:

(a) Bidders must have experience of providing drilling services with at least one (01) no. of Rig of minimum **2000 HP** capacity on charter hire basis for a period of minimum 01 year against a single Contract.

(b) Drilling of at least five (5) nos. oil/gas wells with drilling rig of **2000 HP** capacity, out of which at least one well should be of minimum 4500 m depth.

(c) The offered Rig should be in operation for minimum 03 months at a stretch in last 05(Five) years reckoned from the original Bid closing date, in case of already available rig. However, in case of rigs with less than 05 (five) years of vintage, this clause will not be applicable.

(d) Bidder must have experience for operation and maintenance of Top Drive of the Rig. If the bidder does not have experience then the bidder 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 the 'Top Drive' system.

(e) 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.

Notes to Clause 2.1 above:

i. Bidders must submit documentary evidence as follows:

Contract/Agreement copy along with satisfactory completion/performance report issued by the client(s) clearly mentioning Contract/Agreement No. alongwith the scope of work 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/or prior to mobilization of the rig on its own or through third-party inspection agency.

iii. A job executed by a Bidder for its own organization/subsidiary will not be considered as experience for the purpose of meeting the requirements of the BEC.

iv. In case the bidder is unable to declare the details in clause 2.1 (b) as above due to confidentiality agreement, the bidder has to submit a declaration against the said clause (indicating the number and depth of wells drilled) duly signed by the CEO of the bidding company/ Authorised signatory of this bid.

2.2 In case the Bidder is a Consortium of Companies, 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:

(i) 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.

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

(iii) 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.

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

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

(vi) 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.

(vii) 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.

(viii) **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.

(ix) **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.

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

(xi) 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 against the NIT and authorising designated executives of each company to sign in the MOU to be provided along with the technical bid.

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

2.3 In case, the Bidder is an Indian Company/Indian joint venture Company, then the lead bidder should meet the experience criteria (a) to (e) 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 (e) 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. 3.0 below (as applicable). Additionally, all the joint venture members shall individually meet the Financial criteria mentioned in Clause 3.2 below.

2.4 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.

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

Note: The documents of the Technical Collaborator (in case of collaboration) or of joint venture partner (in case of a joint venture) as per *Notes to Clause No. 2.1* must be submitted alongwith the bid.

2.5.1 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 Clauses 2.3 to 2.5.1 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.*

2.7 DRILLING RIG:

The Bidder shall be in possession of a readily available rig (with Top Drive System) either owned/leased/purchased. In case the bidder is not in possession of the rig at the time of submission of bids, they may offer a readily available rig for which they have an agreement for lease/purchase.

2.7.1 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. Bidder must not quote for any such rig which is not readily available.

(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 the 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 may identify more than one Rig (**maximum up to two rigs** which they feel best suitable) against this tender requirement, giving complete technical details for evaluation along with copy of MOU/Agreement, if applicable. The successful Bidder will have to mobilize the identified rig which is found acceptable to the Company in the event of award of contract. **Rig without top drive will not be considered for evaluation.**

(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, all the rigs (**maximum up to two rigs**) against each quote shall be techno-commercially evaluated. The bidder can mobilize any of the rigs that are found techno-commercially acceptable by OIL, but the identification 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** and these 15 days shall be within the mobilisation time as specified in this tender.

(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 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 unconditional availability of Rig shall not be considered for price bid opening/ award of contract.

(vii) In case of purchase of rig other than brand new, Memorandum of Understanding/Agreement with the seller of the Rig has to be submitted. The above MOU/Agreement must be valid through the validity of the bid. However, in this case, the Rig has to satisfy the vintage clause and the Mobilization schedule as per the tender.

2.7.2 Bidders must confirm compliance of deployment of the rig package as per the technical specifications spelled out in the Scope of Work under this tender.

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

2.7.4 VINTAGE: Following critical rig package items shall not be more than **15 years old**;

i) Mast and sub-structure including draw-works
ii) Mud pumps
iii) Rig engines
iv) PCRs
v) Top Drive

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 as documentary evidence for vintage.

2.7.5 RESIDUAL LIFE: The offered drilling rig, if not brand new, 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 agencies as per **Form-1 (Annexure-I)** of the tender document along with techno-commercial (un-priced) bid. The last date of inspection by TPI Agency indicated in the TPI Certificate should not be older than 6 months as on original date of bid closing. Bidders failing to provide the certificate as above will not be considered for price bid opening/award of contract:

The inspection and certification of the rig should be done by any of the following inspection agency and the cost of the third-party inspection will be borne by the bidder:

(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.

2.7.6 The bidder shall submit the lay-out drawing of the offered rigs 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.

2.7.7 The horsepower rating of the rig(s) offered should be minimum 3000 HP. Further the rig offered should be Diesel Electric/ACVFD, having self elevating mast and sub-structure (as per API standard) and also suitable for drilling cluster location (1 + 3 Wells). The detail of the rig is given in Part-3 Section-II of the Bid Document. Spacing between wells at surface on a cluster well plinth is a maximum of 18m. Bidders must confirm compliance to the same.

2.8 **MOBILIZATION PERIOD**: Bidder must confirm to mobilize the Drilling Rig **within 210 (two hundred and ten) days** from the date of issuance of Mobilization notice after issuance of Letter of Award (LOA). Offers indicating mobilization time more than **210 days** from the date of issuance of Mobilization Notice/ LOA will be rejected. **(Refer Proforma-O)**

2.9 The bidders must confirm to provide the key personnel with requisite experience and qualification as specified in 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.

2.10 Bidder must categorically confirm to provide complete rig package together with Effluent Treatment Plant/System 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.

2.11 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.

2.12 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 Clause 2.1 above **(Refer Annexure-IX)**. 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. **(Refer Annexure-X)**

2.13 **BID QUALITY EVALUATION:**

The marks allocated against various sub-sections under Quality of Bid for evaluation of QCBS Score shall be as below:

(a) Broad classification:

Sl. No.	Quality Criteria	Marks
1	Bidder's Experience - No. of Years	10
2	Bidder's Experience - No. of wells drilled	10
3	Bidder's Experience - No. of high depth (>4500m) wells drilled	10
4 (i)	Education Qualification of Rig Manager-1	2
4 (ii)	Experience of Rig Manager-1	3
5 (i)	Education Qualification of Rig Manager-2	2
5 (ii)	Experience of Rig Manager-2	3
	Total	**40**

(b) Breakup of ***marks for Quality*** shall be as under:

Sl. No.	Quality Criteria	Marks	
1	**Experience of providing drilling services with Rig of minimum 2000 HP capacity on charter hire basis during last seven (7) years preceding the original bid closing date.**	**10 (Max)**	
(a)	Experience in years ≥ 5	10	
(b)	Experience in years ≥ 3 but < 5	8	
(c)	Experience in years ≥ 1 but < 3	5	
2	**Number of wells drilled with Rig of minimum 2000 HP capacity during last seven (7) years preceding the original bid closing date.**	**10 (Max)**	
(a)	Number of wells drilled ≥ 15 wells	10	
(b)	Number of wells drilled ≥ 10 wells < 15	8	
(c)	Number of wells drilled ≥ 5 wells < 10	5	
3	**Number of high depth (>4500m) wells drilled with Rig of minimum 2000 HP capacity during last seven (7) years preceding the original bid closing date.**	**10 (Max)**	
(a)	depth (>4500m) ≥ 5 wells	10	
(b)	depth (>4500m) ≥ 3 wells < 5 wells	8	
(c)	depth (>4500m) ≥ 1 wells < 3 wells	5	
4	Submission of Bio-data of Rig Manager/s (total 2 Nos.) as per the format **(Annexure-III)** with all required documents meeting the requisite qualification & experience as indicated under **Clause 4.9 (O) a. of SoW**		
4 (i)	**Education Qualification of Rig Manager-1**	**2 (Max)**	
(a)	Engineering Graduate	2	
(b)	B.Sc. or Diploma in Engineering	1	
4 (ii)	**Experience of Rig Manager-1**	**3 (Max)**	
(a)	Oil Field Experience on Drilling Rig **More than 15 years**	3	
(b)	Oil Field Experience on Drilling Rig Between **10 to 15 years**	2	

Sl. No.	Quality Criteria	Marks	
5 (i)	**Education Qualification of Rig Manager-2**	**2 (Max)**	
(a)	Engineering Graduate	2	
(b)	B.Sc. or Diploma in Engineering	1	
5 (ii)	**Experience of Rig Manager-2**	**3 (Max)**	
(a)	Oil Field Experience on Drilling Rig **More than 15 years**	3	
(b)	Oil Field Experience on Drilling Rig **Between 10 to 15 years**	2	

Notes:

(i) Since bidder's qualification marks are linked with the qualification & experience of personnel i.e. Rig Manager/s, bidders should ensure that the same persons, whose CV's are part of the offer are deployed during the execution of the Project. An **Undertaking** in this respect to be provided by the bidder. Bidders are free to quote for multiple persons against Rig Manager/s meeting the qualification & experience criteria, however, for marking against QCBS, persons with least qualifications, as per relevant clause of the tender, will be considered.

(ii) It shall be the bidder's responsibility to ensure submission of unambiguous/clear and sufficient documentary evidence in support of the evaluation criteria.

(iii) It may be noted that OIL **shall not seek any clarification** against the documents submitted by the bidder to substantiate the QCBS score (quality parameters tabulated above), after the technical bid opening. Also, the bidders must indicate – (i) Details of the document (Document Ref. No., relevant Pg. No. etc.) submitted & (ii) Marks Claimed by the bidder against each Quality parameter, in the format prescribed in **PROFORMA-R** and submit the same along with the technical bid.

(iv) The bids which fulfil all Bid Evaluation Criteria (Technical, Financial & Commercial) shall only be taken up for Quality Based Evaluation/QCBS marking as detailed above. The bids shall have to meet the Minimum Qualifying Marks of 21 marks in 'Quality' Criteria to be eligible for price bid opening. The Bids meeting all Bid Evaluation Criteria set out herein and scoring the minimum qualifying marks (21 on quality) shall be called 'Qualified Bids' and shall be eligible for price evaluation of the bid.

3.0 FINANCIAL EVALUATION CRITERIA:

3.1 The bidder must have an **annual financial turnover of** at least **INR 102.18 Crores** or **US$ 13.54 Million** in any of the preceding three (3) financial years reckoned from the original bid closing date as per the Audited Annual Reports.

3.1.1 In case of Consortium of companies, at least one of the members of the Consortium shall have an annual financial turnover as stated above under **clause 3.1** 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 3.1** in any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.

3.2 **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".**]

3.2.1 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.

3.3 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 as per format enclosed vide **Proforma-L2.**

Notes to 3.0 (FINANCIAL EVALUATION CRITERIA):

(i) For proof of Annual Turnover & Net worth any one of the following documents 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-L1**. 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. In case of foreign bidders, self-attested/digitally signed printed published accounts are also acceptable.

(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 or US$, the bidder shall have to convert the figures in equivalent INR or US$ considering the prevailing conversion rate on the date on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA Certificate (with

Valid UDIN) is to be submitted by the bidder regarding converted figures in equivalent INR or US$. 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.

4.0 DOCUMENTS:

Bidders must furnish documentary evidences with the specific chapters, separated by dividers, in the same order as set out here below (i) to (x) 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 (as per clause 2.7.4 above) and residual life (as per clause 2.7.5 above), 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. **(as per Annexure-IX).**

(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. For certificates against Clause No. 2.1 (b), in case the bidder is unable to provide documents for any reason(s), a declaration signed by the CEO / Holder of Power of Attorney on behalf of the bidder that the bidder has the experience of drilling minimum 05 wells with a Drilling rig of minimum 3000HP and out of which atleast 01 well is of 4500m+ as called for in this tender shall have to be submitted along with the bid.

(c) Bidder while submitting the documents in support of their experience vide Clause 2.1 above shall also submit details of experience and past performance of the collaborator (in case of collaboration) or of joint venture partner (in case of a joint venture), or Leader of the consortium (in case of Consortium bid) on works/jobs done of similar nature in the past along with the technical bid. Also, details of current work in hand and other contractual commitments of the bidder (indicating areas and clients) are to be submitted along with documentary experience in the technical bid in support of the experience laid down in Clause 2.1 above (as per **Annexure-X)**

(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 2.7.5 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) **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 {at least 02 (two) nos.} should be furnished as per bio-data format along with un-priced Techno-commercial bid for QCBS evaluation.

Note: All submitted copies of certificates in regards to Education qualification, Work experience & IWCF etc. for Rig Managers should be verified and certified by independent third-party inspection agencies as per clause under 7.6 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 at least two months prior to completion of mobilization. Bidder must confirm the same in un-priced Techno-commercial bid.

(ix) The bidder shall submit the layout drawings as specified under clause 2.7.6 above. Also, to confirm the submission of foundation design and detailed working drawing & load bearing diagram as per clause no. 2.7.6 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 **Clause 2.0 and 3.0** above 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. 7.6 below.

5.0 COMMERCIAL EVALUATION CRITERIA:

5.1 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** 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.

5.2 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.

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

5.4 **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.

5.5 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.

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

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

5.8 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.

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

5.10 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.

5.11 Any Bid containing false statement will be rejected.

5.12 Bidders shall quote directly and not through their Agent/ Representative / Retainer / Associate in India. Bids submitted by Indian Agent/ Representative/Retainer/Associate on behalf of their foreign principals will not be considered and will be rejected straightway. One Indian Agent/Representative/Retainer/Associate cannot represent more than one foreign principal.

5.13 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.

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

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

5.15 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**.

6.0 QCBS 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 Evaluation Criteria mentioned above will be considered for QCBS evaluation as per criteria given below:

6.1 Bids shall be evaluated both in terms of Quality (as per Para 2.13 above) as well as Quoted Price i.e. Quality & Cost Based Selection (QCBS) methodology. **The weightage for Quality is 40 and the weightage for the Quoted price is 60.**

6.2 PRICE BID EVALUATION CRITERIA:

Qualified Bids (securing minimum marks under each category and meeting the minimum Qualifying Marks of 21 in Quality Criteria) and 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 shall be considered for Price evaluation as per the Evaluation Criteria given below:

6.2.1 The bidders must quote their charges / rates in the manner as called for vide "Schedule of Rates" under **Section-IV** and the summarized price schedule format vide enclosed **Proforma-B**.

6.2.2 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.

6.2.3 Priced Bids shall be evaluated taking into account the Price quoted as per Proforma-B including quoted GST.

6.2.4 Quoted price must include all liabilities and taxes including statutory liabilities but excluding GST, which shall be quoted separately in the Price Bid format.

6.2.5 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 Contractor will be paid on the basis of the actual number of days/parameters, as the case may be.

6.2.6 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.

6.2.7 Price Evaluation of the qualified bids will be done on the basis of rates quoted by the bidder as per PROFORMA-B. However, bidders must comply with the limits indicated against each of the following rates:

(a) **Mobilization charges** for the rig package should not exceed 7.5% (seven and half percent) of 50% of the total estimated Contract cost as per Clause 6.2.8 including Mobilisation charges. However, mobilization charges if quoted in excess of 7.5 % of 50% of the total estimated Contract cost including Mobilisation charges, the excess amount shall be paid at the end of the contract.

(b) Payment towards **Standby Day Rate (SDR)** shall be 90% (ninety percent) of the Operating Day Rate (ODR).

(c) Payment towards **Rig Repair Day Rate (RRDR)** and **Stack Day Rate (STDR)** each shall be 50% (Fifty percent) of Operating Day Rate (ODR).

(d) Payment towards **Force Majeure Day Rate (FMDR)** shall be 50% (fifty percent) of Operating Day Rate (ODR).

(e) Payment towards **ETP Day Rate (ETP-DR)** shall be 5% (five percent) of Operating Day Rate (ODR).

(f) **Demobilization Charges** should not be less than 2% (two percent) of the estimated total Contract cost. In case de-mobilization charges is quoted less than 2% of the estimated total Contract cost, 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.

6.2.8 Priced Bids shall be evaluated taking into account the rates quoted by the bidders in the PRICE BID FORMAT (Proforma-B) by taking into account the summation of the following:

TOTAL ESTIMATED CONTRACT COST (TECC) FOR THE RIG FOR 3 YEARS CONTRACT DURATION (including GST and all other Taxes & Duties except Basic Customs Duty):

TECC = TM + TD + TODR + TILM0+ TILM1 + TKILM + GST (quoted)

Where,
(a) Total 'Mobilization Charges (M)' for Rig, **TM = M x 1**
(b) Total 'Demobilization Charge (D)' for Rig, **TD = D x 1**
(c) Total 'Operating Day Rate (ODR)' for Rig, **TODR = ODR x 985 days**
(d) Total Inter-Location Movement charge (Cluster location) Lump sum for Rig, **TILM0 = ILM0 x 3**
(e) Total 'Inter-location Movement Charges (ILM1)' for Rig, **TILM1 = ILM1 x 5** (For movement within a distance of 30 Kms)
(f) Total 'Inter-location Movement Charges on Kilometre Basis (KILM) for Rig, **TKILM= KILM x 1500** (For movement in excess of 30 Kms)

NOTE: The above items are defined in Schedule of Rates/Price bid format.

6.2.9 **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% (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/UTGST) 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.

6.3 INTER SE-RANKING OF THE QUALIFIED BIDS:

To ascertain the inter se-ranking of the bids, the Quality & Cost Based Selection (**QCBS) methodology** as mentioned below shall be adopted:

6.3.1 An **Evaluated Bid Score (B)** will be calculated for each bid, which meets the minimum Qualifying marks as stated above in Quality Evaluation Criteria, using the following formula in order to have a comprehensive assessment of the Bid price and the Quality of each bid:

$$\mathbf{B= (C_{low}/C) *100*X + (T/T_{high}) *100*Y}$$

Where,

C = Evaluated Bid Price of the bidder

C_{low} = The lowest of the evaluated bid prices among responsive bids

T = The total marks obtained by the bidder against *Quality* criteria

T_{high} = The total marks achieved by the best bid among all responsive bids against *Quality* criteria

X = 0.60 (The weightage for *Quoted price* is 60)

Y = 0.40 (The weightage for *Quality* is 40)

Note: The **Evaluated Bid Score (B)** shall be considered up to two decimal places.

6.3.2 In the event of two or more bids having the same highest Evaluated Bid Score (B), the bid scoring the highest marks against *Quality* criteria will be given preference and shall be ranked higher. Even then, if there is tie, a draw of lot will be resorted to arrive at the preferred bidder.

6.3.3 The bidder scoring the overall Highest Evaluated Bid Score (B1) shall be offered the contract.

7.0 GENERAL NOTES:

7.1 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.

7.2 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.

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

7.4 **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**.

7.5 **Purchase Preference Clause for MSE bidders as well Purchase Preference Policy – Linked with Local Content (PP-LC) shall not be applicable against this tender**.

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

7.6.1 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/BRC 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@gulfllloyds.com b. bbhavsar@gulfllyods.com c. inspection@gulfllloyds.com d. gulfllloyds.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

7.6.2 The Bidders have to get verified and certified the various documents required against BEC/BRC 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.

7.6.3 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 alongwith all relevant supporting documents as per BEC/BRC 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.

7.6.4 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 empanelled 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 empanelled 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 empanelled third party agency shall not automatically make the bidder eligible for award of contract**.

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

i. General Requirement:

- Check Bidder's PAN Card
- Check Bidder's GST Certificate
- Check ITR of Bidder
- Check Bidder's Certificate of Incorporation/ registration under the Applicable Act – 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-Q) enclosed should be submitted along with the Bid.**

7.7 **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 Wilful 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 of 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:

(a) Overall supervision, co-ordination and Project Management at site.

(b) Proper and optimum utilization of equipment and services.

(c) Monitoring of performance and progress

(d) 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.

(e) 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.

(f) 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 Duliajan/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-F 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:

10.2 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

10.3 In case of foreign CONTRACTOR/service provider, the bank guarantee can be accepted from any scheduled bank in India or from International bank who has its branch in India registered with Reserve Bank of India.

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.

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

10.4 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.

10.5 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.

10.6 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.

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

10.8 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.

10.9 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 of the Contractor. Company shall not be required to proof any loss or damage on account of Contractor's non-performance/un-satisfactory performance.

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

10.11 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 3 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 defense of any such claims or proceeding, shall permit the other to be represented by counsel in defense 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 COMPNAY 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 BimaYojana (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 <u>LIMITATION OF LIABILITY</u>:

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 demobilized 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 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, payment of the disputed amount maybe 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 upto 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 Corporation:

(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).

(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.

(ii) 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 MOBILISATION 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 Dibrugarh (or the Place where the contract is executed) and Principal Bench of Gauhati 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, 2017
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-fulfillment 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 providingservice 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 ongoing contract(s) at his/her risk and peril. In such event, the Bid Security/Performance Security in respect of ongoing 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
Upto Rs.25.00 Lakh	Not applicable	Not applicable
Above Rs.25.00 Lakh Upto 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 3(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 entirely or partially to the extent 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 upto 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
SECTION-II

TERMS OF REFERENCE / TECHNICAL SPECIFICATIONS

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 /AREA OF OPERATION:

To drill onshore wells through hiring of 01 (one) No. of Diesel Electric Drilling Rig (AC-SCR or AC-VFD) of capacity 3000HP (Minimum) with associated equipment/tools & services for an initial period of **03 (three) years** with a provision for **extension by another 01 (one) year** or part thereof under same terms and conditions and at mutually agreed rates but not higher than the existing rates. The wells will be vertical/deviated. Well depths are expected to be up to 6500 Mtrs. Depths of the wells may somewhat increase or decrease at the discretion of the Company within the rated capacity of the rig.

The Rig package under this contract shall be deployed mainly in OIL OPERATIONAL areas of upper Assam and some parts of Arunachal Pradesh. However, the company reserves the right to engage the Contractor for providing Rig Services, during the tenure of the contract, anywhere in its other operational areas in India.

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

a) Minimum width of the well site approach road = 3.66 m.

b) Turning Radius = 15 m (Generally), 12 m (exceptionally)

c) Minimum overhead clearance = 4.25 m

d) Highest recorded wind velocity in Assam = 80 km/hour

e) Max. Recorded ambient temp = 45 deg. Celsius

f) Min. recorded ambient temp. = 5 deg. Celsius

g) Weather Pattern: Frequent rains from April/May to September/ Octoberwith Moderate to Heavy rain and Occasional during the remaining period.

h) Nature of top soil: Usually clay/Alluvium/ Unconsolidated.

i) Source of water - Through shallow bore wells usually available at well Site. Otherwise from bore well situated at convenient Locations. Depth of bore well in the range of 15 to 50m (normally).

j) Average annual rainfall: 250 / 300 cm

k) Humidity: 98% maximum

l) Maximum allowable unit load inclusive of fare weight for class AA loading of 50 tons.

3.0 SCOPE OF SERVICE:

The Contractor shall provide the services of 01 (One) No. of 3000 HP capacity Diesel Electric Rig Package (AC-SCR or AC-VFD) with Top Drive and all necessary equipment and personnel as listed to carry out drilling operations including but not limited to coring,

round tripping, casing servicing (thread lubrication and drifting), lowering & setting of casings, completion, abandonment, Production testing, etc. as and when required, and all other associated operations including, rig up, rig down, inter- location movement etc. in accordance with the well drilling and completion programme to be furnished by the company before commencement of the operation, which may be amended from time to time by reasonable modification as deemed fit by the company. The Contractor shall provide a proper and adequate Effluent Treatment Plant (ETP)/System along with its operating personnel with the Rig package for effluent management (solid or liquid) generated during operation, suitable for meeting the requirements in line with the guidelines of the State Pollution Control Board (SPCB), Ministry of Environment and Forests(MoEF) etc. and also safe disposal of the effluents. 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 and related operations with tools & expert supplied by the contractor. 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. The contractor shall be wholly responsible for rendering services as per scope of work.

Bit program, mud program, casing policy and well program shall be decided by the Company.

4.0 **DRILLING PROGRAM**: Drilling program will include details of operations related to drilling and testing of vertical and/or deviated wells. The program will be provided to the contractor nearer the time of actual operations. All wells are designated as Exploratory or Development with depths up to 6500 m (approx.)

4.1 TENTATIVE CASING PROGRAM (SUBJECT TO CHANGE):

Most of the wells are tentatively planned with 4 stage casing policy i.e. 20" Surface casing in 26" hole, 13⅜" Intermediate casing in 17½" hole, 9⅝" isolation casing in 12¼" hole and 5½" Production casing in 8½" hole. **Based on well requirements casing sizes and grades may change, in such cases company will arrange for handling gears.**

Contingency plan – In case of any unforeseen circumstances with problem in completing the well with 5½" Production/oil string casing then the well will be completed by running 7" (29 ppf x N-80 / P-110 x BTC) liner in 8½" hole (hanged to 9⅝" casing) & 5" (15 ppf x P-110 x FL4S) liner in 6" hole (hanged to 7" liner).

4.2 TENTATIVE MUD PROGRAM (SUBJECT TO CHANGE):

Water based mud system will be used for drilling all the stages of the drilling wells. In top hole sections (Conductor and 1st isolation stage) conventional Bentonite clay based polymeric mud systems are used and with the increase of depth in subsequent stages (2nd isolation and Oil string stage) different low solid water-based mud systems as per requirement are used. The type of mud system in subsequent stages primarily depends on the down hole problems, mud weight requirement etc, for that particular area.

The table below provides a tentative description of mud program to be used in different stages of a four-stage drilling well. The detailed mud program will be part of the well specific Drilling Program that will be shared with the contractor nearer the time.

Section/ Stage	Type of Mud System (Water Based Mud)	Broad Mud Weight range (pcf/SG)	MF Viscosity (Secs)	API F/L (cc)
Conductor stage	Bentonite Suspension Mud	66-68/1.059-1.091	65-55	-
1st Isolation stage	Bentonite Suspension Mud treated with fluid loss controller, rheology modifiers, Lubricants etc	68-70/ 1.091-1.123	60-55	12-8
2nd Isolation stage	XCP-PAC-PHPA-Polyol/ HPWBM/ K2SO4-polymeric mud/ Any other WBM	70-76/ 1.123-1.219	55-50	8-6
Oil/Production String	HPWBM/ K2SO4-Glycol-polymeric mud/ Any other low solid WBM	76-115/1.219-1.846	50-45	6-4

The range of mud weight proposed above is the mud weight used or, that may be used in different areas in Assam and Arunachal Pradesh. The actual mud weight range may however vary for exploration drilling wells.

4.3 **PRESENCE OF CO2& H2S:** Presence of CO2 & H2S is not yet recorded at the proposed areas. 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.

4.4 **CONTRACTOR'S EQUIPMENT:**

SPECIFICATIONS OF DRILLING RIG PACKAGE: The technical specifications of the drilling rig package to be provided by the Contractor under thistender/contract are given below:

4.5 **GROUP – I**

A) **MAST AND SUBSTRUCTURE**:

"Swing lift" cantilever type self-elevating mast & substructure with clear height inthe range of 152 ft. to 158 ft. and having static hook load capacity of minimum 1,500,000 lbs. (680 MT) with 14 lines strung on traveling block, designed as per API Specifications 4F. Mast should be designed for 100 mph wind load capacity with a full rack of pipe and 115 mph on a bare mast. The Sub-structureaccommodating the cantilever type mast should have minimum setback load capacity of 800,000 lbs. (363 MT) simultaneously with hook load &/or rotary load capacity of minimum 1,500,000 lbs. (680 MT). OIL shall have the discretion to accept/reject Rigs with minor deviations in specifications.

Self-elevating or Box-on-Box type sub-structure should have a minimum floor height of 335 ft. (10.06 m) from ground level with at least 28 ft. (8.53 m) clear height under rotary beams. Substructure should be suitable to accommodate a 3000HP (minimum) electrical powered draw-works and 37.1/2" rotary table with independent drive unit.

Mast should be complete with all raising lines, lifting lugs for raising, levelling shims,

snubber units and hydraulic jacks. Mast and substructure should be complete with levelling equipment for front and rear shoes and with all required accessories for the operation and erection of the mast and substructure.

i. The mast shall have a racking platform for racking approx. 6850 mtrs. of combination string of 5½ inch OD (around 160 thribbles), 5-inch OD (around 50 thribbles) range–2 drill pipes & heavy weight drill pipes (around 20 thribbles) and 10 (ten) stands (in thribbles) of Drill collars (i.e. 3½ inch to 9½ inch OD).

ii. The Racking board (Monkey board / tribbles board) shall be adjustable typeand complete with suitable & effective Emergency Escape Device (EED) (from racking board to ground). DGMS (India) approved escape device should have a seat and a suitable braking system.

iii. The mast shall be complete with tubing support frame (belly board-optional), air hoist sheave units (2 Nos.), sheave units for rig tongs (2 Nos.), power tong / pipe spinner, tong counter weights (incl. guides & snatch block), survey line, etc.

iv. The mast shall be complete with 04 (four) sets of dual stand pipe clamp for 5-inch OD Stand pipes.

v. 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.

vi. Safety climb equipment for climbing up mast ladder up to crown block shallbe provided (i.e. the riding ladder to crown block shall be caged (ladder rungs) and there must be 02 (two) DGMS approved FPD (Fall Protection Device) system.

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

viii. The Sub-structure shall be complete with two flight stairways one at driller's side and other at off driller's side.

ix. The Mast shall be complete with **suitably rated crown block assembly** (the rated capacity of crown block assembly should not be less than the static hook load capacity of the mast) having working cluster of at least 7 (seven) sheaves of around 60" (1524 mm) diameter, 1 (one) fast line sheave of around 60" (1524 mm) diameter suitable for 1-5/8" or 1-1/2" drilling line and all required pedestals with appropriate sheave units for different lines but not limited to such as catline, outline, air hoist line, tong lines, survey line etc. The crown block assembly should be complete with one 50 MT capacity hanging pad eye for hanging the traveling block and TDS (during slipping the drill/casing line) with suitable wire line, shackles, etc. of appropriate length.

x. The mast & sub-structure should be complete with combination ramp (v- door) & stairs, catwalk (preferably 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).

xi. The mast & sub-structure shall be complete with grass hopper type cable rack suitable for elevating with rear floor.

xii. The sub-structure should be complete with One (1) escape slide constructedin steel designed to suit the floor height and to move personnel from the rig floor in an emergency to be provided on driller's side.

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

xiv. The mast should be complete with provisions for installation of 750 Ton rated capacity portable Electric Top Drive System.

xv. The sub-structure should be complete with mounting pedestals for airwinches, openings for rat and mouse hole assemblies.

xvi. The sub-structure should be complete with suitable capacity deadline anchor designed as per API Spec. 8C & suitable for use with 1-5/8" or 1- 1/2" casing / drilling line.

xvii. Mast and substructure shall be complete in all respects to start operation without any hold up.

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

xix. **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 with 50 Ton capacity BOP handling system i.e. two (2) Hoists (hydraulic) each of capacity not less than 25 Ton.

xx. The mast shall be painted strictly as per Aviation/Indian Air Force Standards on deployment and later on whenever necessary. The same shall be specified in the contract. Every alternate mast section shall be painted with red and white paint. The paint may be enamel paint or equivalent. The paint should be freshly made and should be noticeable.Painting may be repeated if required.

xxi. All Lighting 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 –

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

xxii. 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)].

xxiii. 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 should not be less than 3000 HP.

ii. The Draw-works shall be complete with Inertia brake. Draw-works to be operated by 2/3 nos. of electric motors of suitable capacity either AC or DC. The motors shall be complete with suitable blowers and ducting.

iii. 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].

iv. The Draw-works to be complete with minimum two braking systems i.e. onesuitable 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. The motor and frequency drive should be capable of holding full load at zero speed indefinitely) 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.).

v. The grooving on Draw-works drum should preferably be Lebus type suitablefor either 1-5/8" or 1-1/2" wire line.

vi. Draw-works should have forward and reverse speed options.

vii. Draw-works should be equipped with One (1) pneumatically or electronically 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 & resets buttons.

viii. Suitable pneumatically or hydraulically operated/actuated make up and break-out catheads for making & breaking joints in the drill string & mousehole. 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.

(Note: Draw-works may also be without cathead. In this case separate facility for making up & breaking-up of tubular like hydraulic cathead / iron rough neck or similar facility shall be available in the rig.)

ix. Properly designed Driller's console should be suitably located incorporating all required functions to carryout drilling operations safely and with ease. Pressurized type driller's console and foot throttle should be used in the rig. Air purging system should be provided for the above.

x. 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]

xi. The draw-works should be compatible with the mast & sub-structure as indicated above and other drilling equipment mentioned in this section.

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

xiii. All accessories for draw-works should confirm to API specifications wherever applicable.

xiv. Draw-works controls should have the following features:

- It should be able to manage, control and monitor rig floor equipment in independent and activity-based operations.
- It should be designed to allow operators to focus on Drilling, Tripping and Casing processes by providing an efficient and intuitive rig floor command center.
- It should allow the Driller to supervise and control all drilling-related functions.

C) ROTARY TABLE AND ACCESSORIES: Rotary table as per API Spec. 7K with minimum 37½" opening and static load capacity of 680 MT, complete with the following. All required accessories shall be provided by the Contractor. The rotarytable shall have independent

rotary drive unit powered by electric motor or Hydraulic Pump. All auxiliary motors viz. Blower, Lube oil etc. and other electrical equipment used with rotary drive motor (if any) 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].

The rotary drive system should have forward & reverse speed options.

i. Master bushing (1 no. each of solid and split type) to suit the Rotary table.

ii. Suitable API insert bowls Nos. 1, 2 & 3 respectively.

iii. Complete bushing arrangement for handling 20" casing, 13.3/8" casing, 9.5/8" casing, 7" casing / liner, 5.1/2" casing, 5" liner, 5.1/2" OD drill pipe, 5" OD drill pipe, 4" OD drill pipe, 2.7/8" OD drill pipe & 2.7/8" OD tubing and all sizes of Drill collars and any other tubular specified elsewhere in this section.

iv. Bit breakers & adapter plates to suit above master bushing / Rotary table.

v. All sizes of lifters and handling tools for bushings & inserts.

vi. Anti-skid safety pad: Anti-skid safety pads to be provided on Rotary Table and its surroundings to cover tong swing areas.

D) **<u>TOP DRIVE UNIT</u>:** One (1) 750 Short Ton (680 MT or 1,500,000 lbs) rated Portable Electric Top drive Unit complete with all required accessories, tools, controls (TDS drillers console & TDS Control house), cables, connectors, fittings, etc. The top drive unit should be compatible with the Rig package. The top drive unit shall include but not limited to Motor Housing, Motor Housing Guard, On- board Hydraulic Power Unit, Roller-style Carriage, Bail, Pipe Handler, Integral Swivel with Gooseneck & 7500 psi "S-Pipe" assembly and a Shipping/Storage Skid. Drilling Fluids path pressure limit to be around 7,500 psi (517 bar). The unit should be equipped with a 7,500 psi Wash Pipe assembly, forced air cooled AC Drilling Motors, Hydraulic Disc Brakes, Powered Rotating Head, Bail, and Counterbalance with Stand Jump.

i. Motor should have the Cooling System to operate with ambient temperature up to 50 degree centigrade.
ii. Torque Requirement: - Maximum Continuous drilling torque- Not less than 35,000 ft-lbs at 100 RPM.
iii. Maximum Torque at maximum speed- Not less than 17,000 ft-lbs.
iv. RPM range: 0 – 190 (Minimum).
v. Breakout Torque: 50000 ft-lbs (Minimum).
vi. Top Drive System control panel shall be housed in Driller's Cabin including RPM & Torque controls. Pressurized type Top Drive System control panel should be used in the rig. Air purging system should be provided for the above.
vii. 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 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].

<u>ACCSSORIES FOR TOP DRIVE UNIT</u>:

i) Pair(s) of weld less links of required capacity, size & length suitable for alltypes of elevators / spiders mentioned in this section.

ii) One (1) set of Master bushing wear guide & adapter ring for wear guide for2-7/8" to 5-1/2" OD drill pipes.

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

Notes:

1. Electrical power required to run the top drive unit should be madeavailable from rig's electrical power system.
2. Top drive to be equipped with soft torque system to dampen drill string torsional vibrations & provide constant rotational velocity at the drillbit.
3. Top drive unit should be of either of the following makes
   i) AKER MARITINE
   ii) CAN RIG
   iii) NATIONAL OILWELL VARCO
   iv) TESCO

E) TRAVELING BLOCK (as per API Spec. 8C): The traveling block shall meet, butnot be limited to the following minimum specification:

i. Min. API working load rating = 750 Ton (680 MT).

ii. Number of sheaves = 7 (seven) Nos. of around 60" diameter and grooved for1-5/8" or 1-1/2" casing line.

F) PIPE CONNECTION HANDLING SYSTEM: One (1) pipe connection handling system (i.e. ST-100 Iron Roughneck or similar equivalent) for tubulars described in this section.

G) SLUSH PUMPS:

i. 03 (Three) nos. **2200 HP** (minimum) each, 7500 psi rated Slush pumps, complete with replaceable cylinder Liners of various sizes of diameter to achieve desired discharge (i.e. combined two pump output) and pressure at rated SPM to meet operational requirements with matching motors. The pumps should be suitable for continuous heavy-duty application.

ii. Maximum discharge pressure of 7500 psi. (Discharge 390 GPM (US) minimum at 7500 psi and 950GPM(US) at 3376 psi).

iii. Apart from standard accessories, each pump shall be equipped with 7500 PSI WP strainer cross, 7500 psi pulsation dampeners, reset relief valve, pressure gauge, bleed valves, inline suction stabilizer.

Notes: Valid hydraulic test /calibration certificates to be provided wherever applicable.

iv. Detailed technical specification of slush pump motor should be provided in technical bid.

v. Drive media must be specified by the bidder.

vi. **Parallel pumping: The high-pressure mud delivery pipe network should facilitate operation of any two pumps (parallel pumping) at any given pointof time.**

vii. Nature of pumping job should include, but not be limited to, pumping of drilling fluids, completion fluids, pre-flushes, water – both treated andplain. In the event that a requirement arises to pump acid, the Company shall provide the pump and suction and delivery lines.

viii. The slush Pumps shall be provided with Mud Pump Console located nearthe Slush

Pumps. Each of the slush Pump can be operated from the Mud Pump Console, if required.

ix. The motors for slush pump shall be complete with suitable blowers and ducting.

x. 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].

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

xii. Super charger motors 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]

xiii. Remote PBS (if any) 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).]

H) <u>SUCTION AND DELIVERY SYSTEM</u>: Each item shall be at-least 7500 psi WP rating (wherever, details of pressure are not given)

i. All suction & delivery lines and hoses along-with fittings must be able to handle the maximum required pressure & volume of drilling fluid. All delivery lines & hoses with fittings must have relevant API certificates (e.g. API 5L for mud line, API 7K for vib. Hoses etc.) which are to be submitted for evaluation. Suitable suction line provision should be there between water tanks and slush pumps manifold.

ii. Cameron or equivalent 5" or 4" NPS x 7500 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 7500 psi, gooseneck bend, hammer union or uni-bolt couplings for making up rotary hose with safety clamp attached.

iii. Two (2) rotary hoses of approximately 3.1/2" ID, 7500 psi working pressure with suitable 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.

iv. There shall be 7500 Psi working pressure gate valve on each mud delivery manifold for isolating each slush pump.

v. Pressure bleed off line with valve from each HP mud pump shall be providedand the bleed discharge shall be to the active mud system. The HP bleed line to be anchored properly to avoid vibration and prevent accident.

vi. H-manifold shall have arrangements for hole fill-up line and kill line connections of suitable sizes with Gate valves.

vii. Necessary anchoring arrangement of all high-pressure delivery lines to be provided.

viii. The HP mud pump safety valve shall discharge to the active mud system. The HP pipe downstream from the safety valve shall always be self-drained. The downstream pipe shall be anchored properly.

ix. 03 (Three) nos. Skid mounted suitable motor driven centrifugal pumps for supercharging the rig pumps having discharge of minimum 1200 US GPM each and minimum 30 mtr head.

However, the discharge volume of each pump should be at least 1.2 times of the maximum pump output. Make, Model, Discharge rate & head of each pump shall be

offered with relevant documents.

Any of the Supercharger pump must be able to take suction from any of the suction/active tank & deliver mud to any of the Slush pump at any point of time.

x. Sufficient no. of additional intermediate 7500 psi WP pipes (conforming to API 5L) & 7500 PSI WP vibratory hoses (Grade -E, API 7K), to facilitate extension of the delivery pipe for drilling a minimum of 1 (one) +3 Nos. of cluster wells.

[i.e. Total length of additional lines/hoses= (3 x Spacing between two consecutive wells) x 2]

Bidder to specify the minimum spacing between two consecutive cluster wells.

xi. Ground junction manifold: 7500 psi rating ground junction manifold with compatible isolation valves shall be provided to facilitate operation of any single slush pump or any combination of pumps at any given point of time for un-interrupted drilling operation.

xii. Supercharger 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]

I) (i) POWER PACK: Diesel electric AC-SCR or AC-VFD system complete with the following:

1. **Engines – Minimum 5 (Five)** Nos. diesel fuel driven Oilfield engines each having minimum 1000 HP rating to meet the maximum power requirements of the Rig at the maximum possible load (*Well depths (TVD) are expected to be up to 6500 Mtrs as per Clause:2*). However, the bidder may calculate power requirement of the Rig and offer accordingly. Each power pack should be complete with matching alternator, 50 Hz. The fuel for the engines should be freely and easily available in India.

The power packs should have **acoustic enclosures** conforming to latest CPCB/MoEF norms (applicable Indian Noise Pollution & Emission norms).

The exhaust Stack height of each Powerpack shall conform to latest CPCB guidelines for DG sets of above 800KW (as per Environment Protection Act 1986). Engine shall be equipped with PESO approved spark arrestor in exhaust muffler.

Documentary evidence in support of above clause should be offered for scrutiny.

2. All the five alternators should be able to synchronize to same bus and share load equally.

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

a) Power pack to be placed at safe distance, i.e. at a distance of 30 meters (minimum) from the well center. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110]

b) All components shall be suitable for following ambient conditions:

i. Temperature: Max. 45 deg. C & Min. 05 deg. C

ii. Humidity: Max. 95% & Min. 60%

iii. Altitude: Approximately between 100 M to 200 M above mean sealevel.

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

d) Fixing arrangements of outdoor luminaries (if any) shall be such that this can be installed and dismantled quickly and easily for transportation during the inter-location moves.

(ii) AUXILIARY GENSETS:

1. Offer shall include smaller genset(s) fitted with PESO approved spark arrestor(s) having CPCP approved Acoustic enclosure & exhaust stack height (conforming to latest CPCB norms) suitable for producing and supplyingAC power as and when required.

2. Bidder shall provide details of such gensets in their offer.

J) **EMERGENCY HOOTER**: The rig should be equipped with one emergency hooter.

K) **EMERGENCY SHUT OFF SYSTEM**: A pneumatically operated 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.

L) **EMERGENCY ALARM**: An electrically operated emergency alarm with provision for operating the same from driller's console should be provided.

M) **AUTOMATIC FIRE DETECTION AND SUPPRESSION SYSTEM (AFDSS)**: All Powerpack engines should have automatic fire detection and suppression system

N) **CAGED LADDER, RIDING BELT, FALL ARRESTOR AND EMERGENCY ESCAPE DEVICE ETC.:** The riding ladder to crown block shall be caged and 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.

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.

4.6 GROUP – II

1. **BOP STACK AND WELL CONTROL EQUIPMENT** (As per applicable API specifications): All items including but not limited to those mentioned below shallbe supplied by the contractor.

A) **BOP STACKS / SPOOLS**

i. 01 (one) 1000 psi rated Drilling Diverter system complete with all necessary fittings and suitable side outlets not less than 7.1/16" OD having top & bottom flanges either 20.3/4" x 3M or 21.1/4" x 2M (i.e. compatible with 2M/3M annular BOP), remotely operated ball valves, HCR valves etc. 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 mts. away from the well bore for safe disposal of gases to the atmosphere. (Bidder to specify details of the Diverter System with drawings in techno-commercial bid).

(Note: In case of 21.1/4" x 2M Drilling Diverter system, 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 over the 20.3/4" x 3M Casing Head Housing.)

ii. 01 (one) 21.1/4" / 20.3/4", 2M or 3M Annular BOP **(Cameron/Cameron-Schlumberger/ Shaffer/Shaffer – NOV /Hydril/Hydril- GE/ WOM only)** with bottom flange/ adopter flange to fit with 20.3/4" 3M working pressure drilling spool.

iii. 01 (one) Single RAM BOP **(Cameron/Cameron- Schlumberger/ Shaffer/Shaffer – NOV /Hydril/Hydril- GE/ WOM only)** 20.3/4" x 3M or 21.1/4" x 2M with sets of blind rams, 13.3/8" & 5.5" pipe ram.

Note:

a) In case of 21.1/4" x 2M 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 Single Ram BOP over the 20.3/4" x 3M Casing Head Housing.)

b) Both Annular BOP as well as Single Ram BOP should be of same size and rating i.e. either these should be 21.1/4" x 2M or 20.3/4" x 3M.

iv. 01 (one) 13.5/8" x 10M Annular/Spherical BOP with bottom flange of 13.5/8" x 10M working pressure **(Cameron/Cameron- Schlumberger/ Shaffer/Shaffer – NOV /Hydril/Hydril- GE/ WOM only)**

v. 01 (One) double ram BOP, 13.5/8" x 10M **(Cameron/Cameron- Schlumberger/ Shaffer/Shaffer – NOV /Hydril/Hydril- GE/ WOM only)** having top & bottom flange of 13.5/8" x 10 M Working Pressure with blind/Shear ram, 9.5/8", 7", 5.1/2", 5", 3.1/2" and 2.7/8" rams and 4.5" to 10-3/4" Variable pipe ram. The BOP shall be complete with at least 2 (two) 3.1/16" x 10M flanged side outlets (i.e. one beneath each set of ram), ring joint gaskets, blind flanges and required stud & nuts.

vi. 01 (One) single ram BOP, 13.5/8" x 10M **(Cameron/Cameron- Schlumberger/ Shaffer/Shaffer – NOV /Hydril/Hydril- GE/ WOM only)** having top & bottom flange of 13.5/8" x 10 M Working Pressure with 9.5/8", 7", 5.1/2", 5", 3.1/2" and 2.7/8" pipe rams and 4.5" to 10-3/4" variable pipe ram. The BOP shall be complete with at least 1 (one) 3.1/16" x 10M flanged side outlets (i.e. beneath the set of ram), ring joint gaskets, blind flange and required stud & nuts.

vii. 01 (One) double ram BOP 7.1/16" x 10M **(Cameron/Cameron- Schlumberger/ Shaffer/Shaffer – NOV /Hydril/Hydril- GE/ WOM only)** having top and bottom flange of 7.1/16" x 10 M WorkingPressure with 3.1/2", 2.7/8" and 2.3/8" pipe and blind rams. The BOP shall be complete with at least 2 (two) 2.1/16" x 10M flanged side outlets (i.e. one beneath each set of ram), cross-over flanges having 2.1/16" x 10M to 3.1/16" x 10M (for connecting to 3.1/16" x 10M choke & kill manifold), allrequired ring joint gaskets, blind flanges and required studs & nuts.

viii. Drilling Spool, Spacer spool, Change Spool with all accessories for nipple- up of above BOPs to be provided.

ix. All BOPs should have crossover (Adapter flange to match 5000 and 10000 psi wellheads i.e. 13.5/8" x 5000Psi, 11" x 5000Psi and 11" x 10000Psi).

x. The Contractor shall provide the following:

a. New and unused Ring joint gaskets for all flanges with sufficientquantity as spares.

b. Adequate no. of studs & nuts for all flanges and hydraulic/ pneumatic torque wrenches to suit all nuts.

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. 01 (One) 20.3/4" x 3M (around 30" high) with 2 flanged side outlets of size 3.1/16" x 10000 psi WP in the same horizontal plane but in opposite directions for hooking up choke / kill lines. The spool shall be complete with all required ring joint gaskets, studs & nuts, blind flanges.

01 (one) 21.1/4" x 2000 psi drilling spool is also acceptable in case the annular and single ram BOP offered are of 21.1/4" x 2000 psi rating.

b. 01 (One) 13.5/8" x 10,000 psi (around 24" high) with 2 flanged side outlets of size 3.1/16" x 10000 psi WP in the same horizontal plane but in opposite directions for hooking up choke / kill lines. The spool shall be complete with all required ring joint gaskets, studs & nuts, blind flanges.

c. 01 (One) 11" x 10,000 psi (around 24" high) with 2 flanged side outlets of size 3.1/16" x 10000 psi WP in the same horizontal plane but in opposite directions for hooking up choke / kill lines. The spool shall becomplete with all required ring joint gaskets, studs & nuts, blind flanges.

xii. 01 (one) adapter/crossover spool 13.5/8" x 5M to 13.5/8" x 10M having 02 (two) nos. of flanged side outlet of 3.1/16" on the same plane but on opposite direction.

xiii. Double studded adapter flange 11" x 5000 PSI to 13.5/8" x 10000psi with necessary studs, nuts & ring joint gaskets.

xiv. Double studded adapter flange 11" x 10000 PSI to 13.5/8" x 10000 psiwith necessary studs, nuts & ring joint gaskets.

xv. Double studded adapter flange 11" x 10000 PSI bottom, 7.1/16" x 10000 psi top with necessary studs, nuts & ring joint gaskets.

xvi. Double studded adapter spool 11" x 5000 psi bottom to 7.1/16" x 10000 psi top with necessary studs, nuts & ring joint gaskets.

xvii. a) Companion flanges of appropriate sizes and numbers and suitable forall kill, choke, check valves and lines etc.

b) Companion /suitable flanges for 3.1/16" x 10M to 2.1/16", 2.1/16" to 1.13/16" x 10M and3.1/16" /3.1/8" x 10M to 2" line pipe female thread.

xviii. All BOPs, spools, flanges, etc. shall be complete with sufficient numbers ofstuds with nuts & ring joint gaskets.

xix. Suitable risers with provision for hole filling line.

xx. Poor boy swivel and drill pipe shut-in valve 10000 PSI WP with compatibleRotary hose & Drill pipe connections.

xxi. The Contractor shall bring adequate quantity of studs, and ring joint gaskets and wrenches for hooking up all the above sizes of stacks and alsofor 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 hydraulic / 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: 1. BOPs should be either new or overhauled and certified & tested by the manufacturer. The certificate should not be older than one (1) Year and should be valid during the duration of the contract.

B) <u>CHOKE & KILL MANIFOLD (As per API Spec. 16 C)</u>

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, Latest Edition 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.

iii) BOP/Casing head housing 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 10000Psi 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.

Note: 3.1/16" x 15,000 psi or 4.1/16" x 10,000 psi rated choke manifolds with requisite crossover / adapter flanges / DSA to match the well head stack.

C) <u>BOP CONTROL UNIT (As per API Spec. 16 D)</u>

i) One (1) No. Koomey or internationally fields proven reputed make skid mounted accumulator & Control Unit for BOP, 3000 Psi WP to suit BOP and choke & kill 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 150 ft. away from the well. The unit shall consist of adequate number of accumulators of 11/15 gallon capacity each, & complete with necessary pressure actuator switches to make unit both automatic & manual. Bidder to forward the work sheet indicating 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 at least two pump systems, each having independent dedicated power sources, electrical and/or air operated pressurizing system, capable of pressurizing up to 3000 psi. as per API Spec 16D guidelines.

iv) Adequate number of hydraulic accumulators, adequate capacity reserve tanks and all necessary fittings for safe operation of the BOP stack asspecified earlier. OIL reserves the right to increase/decrease the reservoir / accumulator sizes.

v) BOP remote control unit with graphic visual display, one on the derrick floor and another on the opposite side, at least 150' feet (46 Mtrs.) away from the well bore.

vi) 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].

vii) Sufficient number of high-pressure control lines shall be made available in pipe rack for connection between BOP & control Unit placed 150' away. Also, adequate length of air hose bundles for connection of both remote-control panels.

D) WELL CONTROL ACCESSORIES & TESTING UNIT:

i) Inside BOPs (IBOP) suitable for all drill pipe sizes.

ii) 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 contractorfor pressure testing of BOPs & various equipment as & when required. The unit should consist of the following:

Suitable pneumatic or electric pump(s), High pressure testing manifold complete with 0-20,000 psi gauge, high pressure test stump for testingBOPs, all required valves (incl. 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.

iii) Cup Testers for testing 13.5/8" OD (61-72 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, shallbe 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:

One Diesel Engine Driven (equipped with speed reduction Gear Box / Transmission Box) National JWS 340 (10,000 PSI) or OPI 500AWS (15,000PSI) orequivalent 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".

The Kill pump is to be equipped and supplied with suitable Diesel Engine Driven supercharger mounted on the skid itself, all the safety features and control mechanism, minimum 300 feet (90 mtrs.) of 2" delivery line (flexible pipe at both ends) of 15,000 PSI rating to connect with well head / Stand-pipe manifold, suitable suction line(s), necessary connections / fittings along with a 60 bbl. (approx.) capacity Suction Tank to be connected with the pump. There should be arrangement of 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. For Premium Class Drill Pipes and Pup joints, valid NDT inspection (as per TH Hill, DS-I, category-5) certificates to be furnished in this regard prior to mobilization.

OIL reserves the right to inspect at random and may verify through independent NDT inspectors for acceptance. In case of non-acceptance of the drill pipes & drillpipe 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 6400 m of 5-1/2" OD, 24.7 ppf, Grade 'S135' Drill pipes, Internal External upset in range 2 length having Double Shoulder Tool Joint (**DSTJ**) or **XT57** Connection (Tool Joint OD 7" & ID 4" or 4-1/4" ID) with ARNCO 350XT hardbanding on box ends.

ii) Minimum 1450 m of 5" OD, 19.5 ppf, Grade 'S135' drill pipes with 4.1/2" IF or 5" XH or

NC50 connections.

iii) Minimum 2000 m of 3-1/2" OD, 15.5 ppf, Grade 'S135' Drill pipes, InternalExternal upset in range 2 length having **XT-39** Tool Joint Connection (Tool Joint OD 4.7/8" & ID 2.9/16" ID) with hard banding on box ends.

iv) Minimum 400 m of 2-7/8" OD, 10.4 ppf, Grade 'S135' Drill pipes, External upset in range 2 length having **SLH90** Tool Joint Connection (Tool Joint OD 3.7/8" & ID 2" ID) **without** hard banding.

v) 3 Nos. each of 5-1/2", 5", 3-1/2" & 2.7/8" OD, drill pipe pup joints of 5 ft.,10 ft. and 15 ft. length with identical specifications as above but **without** hardbanding.

vi) Installation tool for installing rubber protectors on 5 1/2" & 5" OD drill pipes with adequate numbers of rubber protectors for the entire contractual period.

B) DRILL COLLARS & HEAVY WEIGHT DRILL PIPE

Contractor shall provide new/unused or used (NDT certified) drill collars and heavy weight drill pipes. For new/unused drill collars and heavy weight drill pipes supporting documents in the form of manufacturer's certificate to this effect should be forwarded prior to mobilization. For used drill collars and heavy weight drill pipes NDT inspection (as per TH Hill, DS-I, category-5) certificates to be furnished in this regard prior to mobilization.

i) Nine (09) nos. 9-1/2" OD, 3" ID, spiral drill collars, 30-31 ft long, with 7- 5/8 API Regular connections, having bore-back box and stress relief pin.

ii) Twelve (12) nos. 8" OD, 3" or 2-13/16" ID, spiral drill collars, 30-31 ft long, with 6-5/8 API Regular connections, having bore-back box and stress relief pin.

iii) Eighteen (18) nos. 6-3/4" OD, 2-13/16" ID, spiral drill collars, 30-31 ft. long, with 4-1/2 API IF connections, having bore-back box and stress relief pin.

iv) Twelve (12) nos. 4-3/4" OD, 2-1/4" ID, spiral drill collars, 30-31 ft. long, with 3-1/2 API IF connections, having bore-back box and stress relief pin.

v) Six (6) nos. 3-1/2" OD, 1-1/2" ID, spiral / slick drill collars, 30-31 ft. long, with 2-3/8 API IF connections, having bore-back box and stress relief pin.

vi) Thirty (30) nos. 5-1/2" OD, 3-1/4" ID, approx. 60 PPF, 30-31 ft. long having 7" OD x 3-1/4" ID Tool Joints "Conventional heavy-weight (thick wall)" drill pipes with Double Shoulder Tool Joint (**DSTJ**) or **XT57** box-up & pin down connection.

vii) Sixty (60) nos. 5" OD, 3" ID, approx. 50 PPF, 30-31 ft. long, 6-5/8"OD x 3" ID Tool Joints "Conventional heavy-weight (thick wall)" drill pipes with Double Shoulder Tool Joint (**DSTJ**) or **XT50 (**or with matching specs and sizes with the drill string**)** box-up & pin downconnection.

viii) Sixty (60) nos. 3.1/2" OD, 2-9/16" ID, approx. 28 PPF, 30-31 ft. long, 4- 7/8" OD x 2-9/16" ID Tool Joints "Conventional heavy-weight (thick wall)" drill pipes with **XT39** box-up & pin down connection.

x) Nine (9) nos. 2-7/8" OD, 1-1/2" ID, approx. 16 PPF, 30-31 ft long, 3.3/8"OD x 1-1/2" ID Tool Joints "Spiral heavy-weight (thick wall)" drill pipes withNC 38 (3.1/2 IF) box-up & pin down connection with stress relief grooves.

xi) Minor variation in dimension for drill collars and heavy weight drill pipes shall be acceptable subject to fulfilling of technical specs. But Contractor shall be responsible for all the required change subs for completing the combination drill string in various sections.

C) ONE LOT OF NECESSARY SUBSTITUTES, STABILIZERS ETC. REQUIRED FOR DRILL STRING AS WELL AS FOR COMBINATION STRING:

All items including but not limited to those mentioned below shall be supplied bythe contractor. Should be supported by API (NDT) inspection report (to be furnished prior to mobilization).

C.1 BIT SUBS /FLOAT SUBS/CROSS OVER SUBS: (As per API Spec 7-1)

The Contractor shall provide sufficient numbers (along with backups for uninterrupted operations) of all necessary Bit subs/Float subs/Cross over subs suitable for completing the various combination of drill strings required for different hole sections. All the subs provided herewith shall have to meet the technical specs of the string. The connections (i.e. DSTJ or XT as mentioned above) of cross- over subs must match with offered tubulars as mentioned above. Company shall inspect the subs during mobilization to confirm compatibility. In this respect Contractor shall submit a detail list of the subs with justification.

C.2 STABILIZERS:

i) 2 Nos for 26" in-string integral blade / replaceable sleeve type stabilizers having 7.5/8" API regular connection for 26" hole.

ii) 01 (one) set of 17.1/2" sleeve type stabilizers with mandrel size 9.1/2" OD & 7.5/8" API regular connections and with adequate nos. of replaceable sleeves.

iii) 01 (one) set of 12.1/4" sleeve type stabilizers with mandrel 8" OD, 6.5/8" API Reg. Connection. This stabilizer shall be used in conjunction with 12.1/4" sleeve. Adequate number of replaceable sleeves shall be available as back-up.

iv) 01 (one) set of 8.1/2" sleeve type stabilizers having 4" IF box up x 4.1/2" regular box down connection respectively, and with adequate numbers of replaceable sleeves.

v) 01 (one) set of 6" sleeve type stabilizers having 3.1/2" Regular Box – NC-35 Regular Box down connection respectively, and with adequate numbers of replaceable sleeves

NOTE:

1. One set means 01 number of near bit (Double box) & 03 nos. of string (PIN-BOX) stabilizers with easily replaceable or integral blade type
2. It will be the responsibility of the contractor to ensure that Stabilizers should be in perfect working condition with required gauges and at any point of time operation should not be hampered due to its schedule/preventive maintenance or breakdown or non-availability. Contractor may keep additional quantities for un-interrupted operations.

C.3 OTHER SUBS:

All rotary substitutes and other substitutes (with matching technical specs) necessary in drill string / fishing string / pressure lines 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. The contractor shall also provide the necessary substitutes required to use 3.1/2" or 2.7/8" OD EUE and/or 3.1/2" or 2.7/8" OD NUE premium connection tubing.

D) NDT TESTING:

All tubular, rotary substitutes & all hoisting equipment shall be NDT inspected as per TH Hill, DS-1, category – 3 standard after completion of every 6 months of drilling. The Contractor shall also provide documentary evidence of API standard &/or OISD standards inspection carried out on tubular, rotary substitutes & all hoisting equipment

at the time of mobilization.

E) <u>HANDLING TOOL</u>:

All items, including but not limited to those mentioned below shall be suppliedby the contractor. Please note that the ultimate responsibility lies with thecontractor for supply of all handling tools as per their inventory of items for uninterrupted well operations.

a) ELEVATORS

i) One (1) Set consisting of total two nos. 500-ton capacity, spider dressed aselevator and slip complete with all accessories and slip assemblies to handle 5", 5.1/2", 7", 9.5/8" & 13.3/8" casings.

ii) Two (2) Nos. each of 150 Ton capacity side door elevators suitable for 20" Casings.

iii) Two (2) Nos. each of 250 Ton capacity side door elevators suitable for 13.3/8", 9.5/8", 7", 5.1/2" & 5" Casings.

iv) One (1) No. each of 4 Ton or 5 Ton capacity Single joint elevators complete with swivel and sling assembly suitable for 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" Casings.

v) Two (2) Nos. each center latch elevator, capacity 150 ton for all OD drill collars as mentioned in Para 2. B) above.

vi) Two (2) Nos. Centre latch elevator, capacity 500 ton, for 5.1/2" OD drill pipes. Elevator should match type of shoulder of pipe offered by contractor.

vii) Two (2) Nos. Centre latch elevator, capacity 350 ton, for 5" OD drill pipe. Elevator should match type of shoulder of pipe offered by contractor.

viii) Two (2) Nos. centre latch elevator, 250 ton capacity for 3.1/2" OD drill pipe. Elevator should match type of shoulder of pipe offered by contractor.

ix) Two (2) Nos. centre latch elevator, 150 ton capacity for 2.7/8" OD SLH-90 drill pipe. Elevator should match type of shoulder of pipe offered by contractor.

x) 2 Nos. each of centre latch elevators, capacity 150 ton, for 3-1/2" OD EUEtubing and 3.1/2" OD NUE premium tubing.

xi) 2 Nos. each of centre latch elevators, capacity 150 ton, for 2.7/8" OD EUE tubing and 2.7/8" OD NUE premium tubing.

xii) 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

i) Two (2) Nos. of PS-21 or equivalent power slips with rated capacity of 500 Ton with all required accessories and suitable for 37.1/2" rotary table forhandling following tubular:

a. 13.3/8", 9.5/8", 7", 5.1/2" and 5" OD casings.

b. 9.1/2", 8", 6.3/4", 4.3/4" and 3.1/2" OD drill collars.

c. 5.1/2", 5", 3.1/2" and 2.7/8" OD drill pipes.

d. 3.1/2" and 2.7/8" OD Tubing.

ii) One (1) No. each Casing hand slips each suitable for use with 37.1/2" rotary table for handling: 20" OD casings.

iii) Two (2) Nos. rotary hand slips suitable for use with 37.1/2" rotary table for handling 3.1/2" OD drill collars.

iv) Any other handling tools as felt necessary by the contractor. Supply of slips for all sizes of tubular with replaceable spares shall be the responsibility of the contractor.

(c) CASING FILL UP AND CIRCULATING TOOL

Casing fill up and circulating tool for 20", 13.3/8", 9.5/8", 7" & 5.1/2" OD casings.

(d) SAFETY CLAMPS: Safety clamps to handle all sizes of drill collars.

(e) RIG TONGS:

Complete sets of Rotary tongs in pairs with sets of extra jaws and replaceable spares of required capacities & sizes as per following:

1. Type BV-100 or equivalent for handling following tubular:
   i) 5.1/2", 5" and 3.1/2" OD drill pipes / heavy weight drill pipes.
   ii) 9.1/2", 8", 6.3/4", 4.3/4" & 3.1/2" OD drill collars.
   iii) 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" OD casings.
2. Type BV-35 or equivalent for handling following tubular:
   i) 2.7/8" OD drill pipes / heavy weight drill pipes.
   ii) 3.1/2" OD drill collars.
3. Tubing tongs for 3.1/2" & 2.7/8" OD tubing (i.e. both for EUE & NUEpremium tubing) including coupling tong.

Note: In case the rig is equipped with Iron Rough neck with part range /complete range of tubulars, same is also acceptable.

(f) HYDRAULIC TUBULAR HANDLING TOOLS:

i) Hydraulic power casing tongs (with sufficient back-up) complete with all accessories and hydraulic power unit with suitable prime mover (electric motor or diesel engine), standard accessories and pivot head for 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" OD casings. The tongs should be rated for a torque of minimum 35000 ft-lbs.

ii) Hydraulic Power Tubing Tong (with sufficient back-up) complete with all accessories including back-up assembly and hydraulic power unitwith suitable prime mover for handling 2.7/8" & 3.1/2" OD (EUE / NUE Premium tubing) with torque capacity of around 8000 ft-lbs.

iii) The operator(s) for power casing tong shall be provided by the contractor at their own cost.

v) Any other tongs as felt necessary by the contractor to facilitate handling of specified casings / tubings. Supply of tongs for all the above specified tubular jobs shall be the responsibility of the contractor.

vi) Electrical motor and other electrical equipment viz. starter, junction box, PBS etc. used with tubular handling tools 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].

(g) ELEVATOR LINKS:

Weld-less links of suitable length & capacity to match the hoistingequipment.

F) BIT BREAKER / THREAD PROTECTORS / NOZZLES GAUGE / STABILIZERGAUGE

i) Atleast one (1) No. each bit breakers for all hole size as described in this document (compatible with master bushing).

ii) Stabilizer gauges and bit gauges.

iii) Nozzle gauges for various sizes of nozzles.

G) AIR WINCHES:

i) **For drilling use**: 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 5/8" soft wire line. Each air winch should be capable of handling at least 10,000 lbs (4.54 MT). The air winch lines should be fitted with cat swivels of load capacity of minimum 10,000 lbs.

ii) **Man-rider**: One (1) No. of Air winch for use as man-rider of minimum capacity of 330 lbs (150 kgs.) mounted on derrick floor (at suitable place) complete with ½" soft wire line and full body harness.

H) FISHING TOOLS:

All items mentioned below shall be provided by the contractor. Supply of allfishing items and recovery of all fishes in every sizes of hole shall be the responsibility of contractor. Contractor shall arrange and supply all necessary fishing tools for all the downhole tubulars supplied by them.

a) **Overshot**: Series 150 Bowen or Equivalent releasing and circulating overshotsuitable for operation in 26", 17.1/2", 12.1/4", 8.1/2" & 6" OD open hole and for operation in 20", 13.3/8, 9.5/8", 7", 5.1/2" & 5" OD casings to catch all sizes of drill collars, heavy weight drill pipes, drill pipes, tubings 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.

b) **Safety Joints**: One (1) No. each of Bowen or equivalent for operating in 12.1/4", 8.1/2" & 6" OD open hole.

c) **Drilling Jar**: Hydro mechanical drilling jar (Type Z or equivalent) to provide upward and downward jarring blows, consisting of two separate sections –Up& Down Jar sections:
i) OD: 6.1/2", ID: 2.3/4", 4.1/2 API IF: One (1) No. with accessories
ii) OD: 8", ID: 3", 6.5/8 API Regular: One (1) No. with accessories
iii) OD: 4.3/4" (connection: 3.1/2" API IF top sub box) Jar: 01 (one) No. with accessories.

d) **Jar Intensifier:** Jar intensifier matching with above drilling jar of following sizes:
i) OD: 6.1/2", ID: 2.3/4", 4.1/2 API IF: One (1) No. with accessories

ii) OD: 8", ID: 3", 6.5/8 API Regular: One (1) No. with accessories

e) 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 i.e. 26", 17.1/2", 12.1/4", 8.1/2" & 6" OD and for 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" OD casings.

ii) **JUNK SUBS**: One (1) No. each Bowen or equivalent Junk subs for operating inside 20", 13.3/8", 9.5/8", 7", 5.1/2" & 5" OD casings.

iii) **FISHING MAGNET**: One (1) No. fishing magnet with standard fishing neck for operating in 26", 17.1/2", 12.1/4", 8.1/2" & 6"OD holes.

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 standardfishing neck

& circulating port suitable for operation in 26", 17.1/2", 12.1/4", 8.1/2" & 6" OD hole and for 20", 13.3/8", 9.5/8", 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 12.1/4", 8.1/2" & 6" OD open hole and 9.5/8", 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.

vii) **FULL CIRCLE RELEASING SPEAR**: One (1) each for handling 5", 5.1/2", 7", 9.5/8" & 13.3/8" OD 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.

viii) **SUPER FISHING JAR** : Straight pull, capable of transmitting full torquein either direction, ability to deliver rapid series of blows when desired, easy closing or resetting, complete with circulation hole & cone type piston assembly of the following sizes:

a) OD=8", 6.5/8 API Regular top sub box connection & bottom pin connection, - One (1) No.

b) OD=6.1/2", 4.1/2 API IF top sub box connection & bottom pin connection, - One (1) No.

c) OD=4.3/4", 3.1/2 API IF top sub box connection & bottom pin connection, - One (1) No.

I) **CASING SCRAPPER / ROTOVERT**: One (1) No. each casing scrapper / rotovert for casing size of 5" OD (15ppf), 5.1/2" OD (20-23 PPF), 7" (29ppf) & 9.5/8" (47ppf) complete with suitable cross-over sub for connecting the same to tubing & / or drill pipe string.

NOTE: All the tools and equipment mentioned above should be in perfect working conditions and the Contractor shall maintain the same during the currency of the contract for uninterrupted operations.

J) RING LINE AND 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 (including new amendments, if any) of India.

i) Contractor shall provide atleast one (1) no. of Trailer mounted or 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 minimum 53 KL capacity and 03 (three) nos. of monitors and 02 (two) nos. of 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 center 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 ltrs.

(d) Weather-proof facility for storing above items.

vi) A fire bell of non-smoking material/Fire siren/ Manual, Electrical siren Fire Siren shall 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 fit for use at all time.

xv) The contractor shall lay a 4" dia. firefighting ring line with adequate number of fire hydrants and monitors located at strategic points.

K) 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 ofCompany's materials, well consumables at drilling site.

ii. Chemicals (required for preparation of mud and completion fluid), all other well consumables like casing, tubing, well head fittings, drill bits, etc. shallbe supplied by Company or through third party Contactor engaged by OIL.

iii. In case of well emergency, it is the responsibility of the Company to supply / transport chemicals, cement etc. to well site.

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) 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 alongwith 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 leftover Company's items / equipment including but not limited to well head, casing, tubing or any kind of tubular, bits, etc. shall be collected, loaded, unloaded, stored, handled, transported between locations by the Contractor or as directed by OIL.

f. 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 (e.g. APDCL), tea gardens etc.

g. The contractor is solely responsible for any damage to existing Electrical infrastructure belonging to third parties viz. state electricity board (e.g. APDCL), tea gardens 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.

iv) Loading & offloading 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.

v) Handling & proper stacking / placement, etc. of Company's and Company's third party's equipment/material shall be carried out by the Contractor at respective well site with the help of Contractor's personnel & crane.

vi) Rig down/Rig up/transportation/maintenance of Company's materials/ items (if any) attached to the rig shall be done by the contractor.

vii) Load testing certificate of crane used at wellsite shall be available Health certificate, valid pollution certificate of all the transport vehicle shall be available.

viii) Safe Operating Practices (SOPs) of all rig operations should be available at rig site.

L) <u>MISCELLANEOUS TOOLS & EQUIPMENT</u>:

a) One (1) No. each of circulating head, (cwp = 5000 psi complete with 5000 psi rated plug / gate valve & 602/1002 weco union for connecting rotary hose or chicksan joint) with pin connection suitable for 20" (BTC), 13.3/8" (BTC), 9.5/8" (BTC), 5.1/2" (BTC) OD casings. (Note: In case the connection is different than suitable cross- over sub of

minimum length should be provided).

b) One (1) No. of poor boy swivel with suitable cross-over subs for connecting to 5.1/2" & 5" OD drill pipes.

c) 1. Circulation Heads (minimum 5M) for drill pipes & tubing fitted with quick opening gate valve and suitable Chicksan hose connection (for connecting to rotary hose).

i) One (1) No. each for 5.1/2" and 5" OD drill pipes.
ii) One (1) No. each for 3.1/2" and 2.7/8" OD EUE tubing.
iii) One (1) No. each for 3.1/2" and 2.7/8" OD NUE Premium tubing.

(Note: In case the connection is different than suitable cross-over sub of minimum length should be provided).

2. FOSV (full opening safety valve) (10M) for following drill strings.

i) One (1) No. each for 5.1/2", 5", 3.1/2" & 2.7/8" OD drill pipes.
ii) One (1) No. each for 3.1/2" and 2.7/8" OD EUE tubing.
iii) One (1) No. each for 3.1/2" and 2.7/8" OD NUE Premium tubing.

d) Mud basket for use during round trips with Drill Pipes and other tubulars.

e) Adequate number of appropriate size back pressure / float valves for installation on bit / float subs during different stages of drilling (complete with installation tool).

f) **Cellar pump**: Cellar pump should be able to transfer/evacuate Drilling fluid/ slurry from bottom of the cellar pit (cellar depth=7 ft approx.) to the height of possum belly/ mud nullah without cellar being overflown.

The pump to be driven by explosion proof electric motor or other means (e.g. pneumatic etc.) complete with all suction and delivery lines, for cellar evacuation.

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 (as applicable).

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]

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).]

g) One No. of additional spool of unused full-length drilling / casing line (1.5/8" or 1.1/2" as applicable).

h) Appropriate riser for all stages of drilling.

i) Rig warehouse and workshop

j) Complete sets of tools / wrenches.

k) Suitable size & number of bell nipples and flow nipples for making up at thewell head.

l) One (1) each of 5.1/2", 5", 3.1/2" & 2.7/8" OD Drill pipes & 2.7/8" OD tubing rubber wiper as applicable with all required accessories. Replacement rubbers should be stocked at well site & is contractor's responsibility.

m) Suitable capacity (i.e. discharge =60 kl per hour minimum & 150m head min., engine or electrically driven reciprocating/centrifugal pump) for pumping gauging water to cementing hoppers.

n) **Welding & Cutting Set**: Diesel Engine / Electric transformer powered welding set having capacity of minimum 400 Amps with Constant Current characteristics with all associated welding accessories/apparatus. In case of Diesel Engine powered welding set, it should be fitted with PESO approved spark arrestor and should Meet CPCB (Central Pollution

Control Board) - II compliance for Exhaust Emission and Noise within 75 dba at 1 mtr. Oxy-acetylene gas cutting set shall comprise of the following items:

1. Regulators
2. Cutting Blowpipe
3. Flashback arrestors for cylinders
4. Torch mounted Flashback arrestors (i.e. Flash back arrestor at both ends of cutter as well as cylinder end shall be fitted as per Gas cylinder rule, 2004, amendment 2016)
5. Cutting Nozzles
6. Hoses with Connectors
7. Oxygen and acetylene cylinder with Protective Gas cylinder cap.

All consumables shall be supplied by the Contractor.

Proper carrier and storage system need to be provided for the oxy-acetylene cylinders (as per gas cylinder role 2004, amended in 2016).

M) **BUG BLOWER**: One (1) bug blower for use at rig floor.

N) **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 80MT of Barites and 20MT 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. The contractor shall also provide adequate storage facility for other mud chemicals and liquid jar chemicals.

b) Contractor shall make, maintain and use drilling mud as per drilling policy with water loss, weight, viscosity in accordance with mud programme as 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 maintain and test drilling mud in appropriate frequency and shall record the result of such tests and use of mud chemicals in its daily drilling/Mud report. Contractor will also be required to keep hourly record of mudweight, viscosity (in and out), active tank volume etc. while making and maintaining the drilling fluid. The detailed mud testing is to be carried out at the well site laboratory twice everyday by the Contractor.

c) For / during well testing (Production Testing):

(i) SCHEDULE - 1

1. Making & breaking including stacking and running in of production tubing (both 2.7/8", 3.1/2" OD EUE and/or 2.7/8", 3.1/2" OD NUE premium connection) as per the standard practice.
2. Installation of Tubing Head Spool, packing of secondary seal and testing of the same as per the rating.
3. Testing of X-Mas tree and installation of the same.
4. Oil string casing hermitical testing to be done by the Drilling Contractor in presence of Company Representative.
5. Making necessary tubing/ casing connections to the Surface productiontesting set up.
6. To assist the Production Testing service provider in placing and hooking upof the production equipment namely Tanks, Separator, Steam jacket, ground X-Mas tree

etc. and test the same before commissioning as per the requirement.

7. To make the gas flare line to the flare pit.
8. To prepare/maintain the tubing tally including any down hole production equipment run as per standard practice.
9. Assist in Hooking up of the steam lines to production tanks and steam jacket.
10. 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.
11. All necessary surface connections to be made by the contractor for enlivening of the wells using nitrogen pumping unit.

(ii) SCHEDULE -2

1. 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, Tubings (both EUE N80 and/or P-110 NUE premium connection), Pipes for surface fittings and flare line etc. will be provided by OIL/third party.
2. All tools required for making up of the above equipment are to be supplied bythe Contractor i.e. Elevators, slips, Tubing tong, Coupling tong, Hydraulic pumps and other necessary equipment for packing of secondary seal and hydraulic testing of the separators, tubing head spool, X-Mas tree, Ground X-Mas tree, Steam Jacket etc. to be provided by the Contractor.
3. Consumables such as thread dopes to be provided by the Contractor.
4. 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 bid.

d) **Mud testing laboratory inclusive of all well site testing equipment as per following list to be provided by the Contractor:**

Sl. No.	**TEST EQUIPMENT PACKAGE**	**Quantity at Rig**
1	Baroid Mud Balanced (Mud Cabin/lab)	02
2	Pressurized Mud Balance	01
3	Marsh Funnel with Cup	01
4	Multi Viscometer (OFITE/Fann 35 SA)	01
5	API Filtrate test cell	01
6	API Filtrate test cell	01
7	Mud Retort Kit	01
8	Sand Content Kit	01
9	pH meter	01
10	Lubricity tester	01
11	Portable Laboratory Centrifuge (Electric) with centrifuge tube	01
12	Hamilton beach mixture with cup	01
13	Pan Balance/ Digital Weighing Balance	01
14	Glass thermometer 0^0C to 150 ^{0}C	01

15	Handheld Refractometer	01
16	HP-HT fluid loss apparatus	01
17	Magnetic Stirrer with Hot Plate	

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 bid

The testing facility for mud shall be capable of testing mud parameters but not limited to the following:

a)	Mud Density	b)	Funnel Viscosity
c)	Plastic Viscosity.	d)	Yield Point.
e)	Gel Strength.	f)	RPM (3, 6, 100, 200, 300, 600)
g)	API Filtration Loss	h)	Oil content
i)	Solid Content	j)	Sand %
k)	pH	l)	Salinity
m)	MBC	n)	HPHT Filtrate Loss @150 ^{0}C/ 500 PSI.
o)	Potassium ion test	p)	Metal Concentration, if applicable.
q) Total Hardness as Ca^{2+} and Mg^{2+}		r) Mud Alkalinity (Pf/Mf)	
s) Lubricity Co-efficient		t) Test for PHPA and Polyamine	

Bidder shall keep sufficient quantity and volume measurement of reagents and chemicals, types for glass wares which includes but not limits to graduated cylinder (10ml/25ml/ 50ml/250ml), conical flasks (50ml/ 250ml), beaker (200ml/100ml), round bottom flask (250ml), volumetric pipette (10ml), graduated pipette (1ml/ 2ml/ 10ml), burette, pipette stand, burette stand, glass thermometer, stirring rod etc, for trouble free and smooth testing of mud parameters as per API standards.

4.7 GROUP - III (MUD /AIR/WATER/FUEL SYSTEM)

A) MUD SYSTEM

a) A mud system having an active capacity of minimum 2000 BBLS with reserve capacity of minimum 1000 BBLS (i.e. gross capacity of minimum 3000 BBLS), complete with all required valves & fitting with but not limited to the following tanks / tanks compartments:

- shale shaker tank
- settling tank
- degasser tank
- desander tank
- suction tank
- one trip tank (80 bbl. minimum, with 2" x 3" x 13" centrifugal pump and 25HP explosion proof electric motor) with calibration of 0.5 bbl. sensitivity
- one mixing tank
- Suitable Nos. of reserve tanks to accommodate the above reserve capacity.
- One separate Pre-flush tank
- One slug tank (tank should be a part of suction tank with capacity around 60 bbl.)

NOTE: 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 reservetank or vice versa. Also, suction from intermediate tanks to mud pumps to be possible.

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. Minimum Two (2) units of scalper shakers with suitable flow divider. Each unit of scalping shakers should be capable of handling at least 500 GPM and complete with sufficient number of screens from 40 to 60 mesh size and sandtraps. The scalping shakers should be mounted on stand so that the mud from the flow line is initially diverted on scalping shakers & the under flow from scalping shakers flows to the secondary shakers by gravity (i.e. bi-level installation).
and
Minimum Three (3) units of minimum 7G High force Speed Linear Motion Shale Shakers [LMSS] with suitable flow divider. Each unit of LMSS should be capable of handling at least 500 GPM [for processing up to 115 pcf water-based mud]. The Contractor should maintain adequate stock of screens of various applicable sizes ranging from but not limited to API 20, 40, 60, 80, 100, 120, 140, 160, 200, 220, 270 etc. for drilling various hole sections.

ii. One (1) unit of Linear Motion Mud Cleaner, capable of handling at least 1500 GPM [up to115 pcf water-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:

1) Desander (Hydro cyclone type) capacity at least 1500 GPM, (With min.2 cones).

2) Desilter (Hydro cyclone type), capacity at least 1500 GPM, (With 16-20 cones arranged in 2 rows or circular arrangement).

iii. One (1) Vacuum Degasser (vertical or horizontal type) having degassing capacity at least 1000 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 gasbeyond hazardous area / zone.

1. Three (3) Nos. skid mounted centrifugal pump to be provided having suitable discharge volume and head for feeding the Desander, Desilter & Vacuum Degasser unit respectively (Refer Clause 4.3 (A). (b)(ii) & (b)(iii)). However, the discharge volume of each pump should be at least 1.2 times of the designed mud handling total capacity of each Solid Control Equipment. Make, Model, Discharge rate & head of each pump shall be offered with relevant documents.

iv. One (1) Poor Boy degasser / mud gas separator (MGS) of approx. 48" diameter capable of handling minimum 1000 GPM of fluid and complete withinlet from flow line and choke manifold, one outlet, one drain, one 8" ventand one 20" man way.

v. Suitable mud agitators with gear box along with gun jets in each tank shouldbe provided. HP of the agitator should be to suit the mud weight. Agitators should have sufficient turnover rate to avoid settling of mud.

vi. **Mud mixing system**, consisting of low-pressure hoppers and **electric motor driven centrifugal pumps**. The System should be capable of mixing mud upto 19 PPG, approx. The system should contain at least two hoppers & two 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.

02 (two)nos. skid mounted suitable motor driven centrifugal pumps as Mud Mixing/Charging Pump having discharge of minimum 1200 US GPM each and minimum 30 mtr head. Make, Model, Discharge rate & head of each pump shall be offered with relevant documents.

vii. Jet shearing device: 01 (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 shallbe installed as required complete with all necessary valves fittings & unions:

- suction lines
- mud roll
- discharge line
- water line
- Mix line

xi. **Centrifuge**: Brandt's HS-3400 or equivalent High G-force capacity and with long clarification area to process approx. 170 GPM with feed density of 82 pcfmud [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 operation period.]

xii. In case of stuck pipe situations, the Contactor must provide HSD for spotting on chargeable basis which shall be provided by the contractor in sufficient quantity and as many times as needed. In case, LWC is used while combating stuck pipesituations; LWC shall be provided by OIL free of cost to the contractor. The contractor's responsibility shall be to collect LWC from Tanker(s) to contractor's storage facility, to provide storage facility for minimum 140 US bbls LWC and infrastructure to utilize the LWC at any moment for releasing stuckpipe, if the situation so demands.

xiii. One pre-flush tank of 70 US bbl. capacity, one slug tank within the suction tank of approx. capacity 70 US bbl. 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 groundto choke manifold level, from choke manifold level to top of tank.

(b) One crossover platform from mud tank to substructure complete withstairs.

(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 ruggedenough 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 wallsof the cabin are to be provided with thermal insulation and laminated boards. All electrical fittings used inside mud attendant cabin shall be flameproof type (Ex.'d').

d) **TOOLS & SPARE PARTS**: Contractor has to provide all spares, tools and sufficient quantities of consumables of required sizes/ranges (e.g. screens of LMSS, LMMC, desander / desilter cones, etc.) of all the tank systems and solid control equipment.

B) **RIG AIR SYSTEM**:

Rig air compressor package consisting of the following minimum items with all required instrumentations:

i) Two Nos. electric motor driven reciprocating / screw 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) Air receiver(s) hydraulically tested within last three years with documentary evidence having a total capacity of 100 CFT and rated for 265 psig test pressure complete with air dryer, safety relief valve, pressure gauge, condensate trap etc.

iv) Air dryer of suitable capacity to handle the air requirement of the pneumatic system of the drilling rig.

v) A skid mounted secondary air receiver of 100 CFT capacity and rated for 265 psig test pressure fitted with pressure relief valve, pressure gauge,condensate drain cock. The secondary air receiver will be placed near the substructure.

vi) Valid hydraulic test / calibration certificates to be provided wherever applicable.

C) **WATER SYSTEM:** The water system should conform to the minimum requirements as given below for guidance.

(a) 03/04 (three / four) nos. water tanks (also to be used as gauging water tank):

03 / 04 (three / four) nos. of tanks with covered top, 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. All the three/four tanks should be interconnected to facilitate suction from any of the tanks; however, there should be valves to isolate each tank if operation demands. Two of the three/four water tanks shall have two mixing agitators for homogeneous mixing of chemicals (gauging water) and also the tanks shall have maximum dead volume of 15 bbls.

Total storage capacity: min. 200 cubic meters.

Two Nos. centrifugal pumps (as water booster) having capacity minimum 80 m^3 per hour and 26 m (minimum) head with 415 volts, 50 Hz, three phase electric motors and

complete with suction and discharge lines for operation of either or both pumps. The pump units should be mounted on a single oilfield skid.

Remote PBS 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).]

One set piping: Std. size & complete with suitable valves for supply of water to mud system from the above 03/04 tanks.

Two (2) Electric motor driven horizontal multistage centrifugal pumps set complete with piping/ Dresser type couplings and butterfly valves 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 byjet 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 / hr at 1450 rpm. Electrical motors and other auxiliaries viz. junction boxes, PBS etc. shall be FLP (Ex-d) type.

(b) <u>Water Supply</u>:

The Contractor shall be responsible for arranging, 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 waterarrangement whatsoever at well site & campsite.

The Contractor shall be responsible for arranging suitable capacity pump & all required accessories for drawing water from ground or nearby available water sources (such as river, lake, spring, etc.) with all necessary piping, and other set-up.

One source water supply pump with independent source of power must be available for water supply to fire tanks in case of emergency.

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.

D) <u>FUEL SYSTEM</u>:

Suitable fuel system, capable of storing at least 80 KL HSD (but, limited to 2 (two) Nos. tanks for storage of 80KL HSD) with fuel pre-filters fuel transfer pumps driven by electric motor.

In order to store a minimum of 80 KL of HSD at well site necessary Explosive License as per Indian PETROLEUM RULES, 2002 by Govt. of India under PETROLEUM ACT, 1934

should be obtained by the contractor if it is required by local administrative authority.

Fuel Pump motors and other auxiliaries viz. junction boxes, PBS etc. shall be FLP (Ex-d) type.

Notes: Dyke wall of adequate height around HSD tanks shall be provided.

E) <u>ELECTRICITY</u>:

1) 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, with earth leakage protection of maximum tripping current 100 mA, 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 shall be provided in the camp, campsite, and drill site by the Contractor. 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. The contractor must provide facility for running all electrical equipment of OIL & their own at 50Hz - AC capacity wherever they are applicable. 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.

2) **Lighting Transformer:** 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.

3) The neutral system should be such that, the earth faults current shall not be more than 750mA in installations of voltage exceeding 250V and up to 1100V system for oil fields. The magnitude of the earth fault current shall be limited to the above value by employing suitable designed restricted neutral system (NGR) of power supply as per CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 100(1).

4) **Earth leakage protective device:** All the outgoing feeder for auxiliary motors, lighting, bunk houses and outgoing feeders from standby generator 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.

5) All the electrical equipment, PCR, Diesel tanks, Mud tanks should be double earthed. 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.

6) 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]

7) All auxiliary motors, lighting, plug/socket, junction box, starter, push button not placed at safe distance 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].

8) **AC/DC Electric Motors:** Adequate numbers of AC/DC motors with adequate continuous HP rating shall be provided for operation of draw-works, top drive, rotary drive and slush

pump at their respective rated capacity. The motors shall be complete with suitable blowers and ducting.

9) AC-SCR or AC-VFD System- Suitable AC-SCR or AC-VFD systems of reputed make shall be provided.

10) Rig package shall be complete with all electrical control room, SCR cubicles or VFD & Rectifier Cubicles, DC/AC power control room, AC power control room to match the auxiliary loads of mud system, water system, fuel system, air system, lighting system etc. mentioned in this section.

11) Power pack and SCR system control rooms or AC-VFD system control rooms to be placed at safe distance, i.e. at a distance of 30 meter (minimum) from the well center. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulation 2010, regulation no.110]

12) All DC motors or AC VFD motors shall have blowers with suitable ducting & filter System.

13) All light fittings in the rig shall be energy efficient preferably LED type. Lights not placed at safe distance shall be FLP (Ex-d) 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 –

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

14) 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.

15) 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.

16) The bidder must obtain and furnish the following documents which are statutory requirement. These must be provided before mobilization of the rig. Mobilization shall not be considered complete unless these documents are submitted.

   i) Test Reports confirming to IS/IEC/EN:60079 for all the electrical equipment/ components/ accessories which are to be used in hazardous area [Zone 1 or Zone 2, Gas groups IIA and IIB] of the drilling well. 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.

   ii) Single line power flow diagram of the rig.

   iii) A Plan layout of electrical equipment used in the rig.

   iv) Details of all electrical motors, control gear, other electrical equipment and accessories used in the classified hazardous area.

   v) Details of alternators, electrical motors, control gear, all cables, other electrical equipment and accessories used in non-classified area.

   vi) A layout of the complete earthing system including earthing of diesel tanks, PCRs, AC & DC motors, starters, alternators & any other electrical equipment used for the purpose.

17) Pressurized type driller's console and foot throttle should be used in the rig. Air purging

system should be provided for the above.

18) The entire electrical installation job should be carried out as specified in the latest version of CEA (Measures relating to safety and electric supply) Regulations, 2010 and other relevant standards and precaution should be adopted in the Oil field as specified in the CEA (Measures relating to safety and electric supply) Regulations, 2010.

19) 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-9968-1 read with the latest BHEL specifications (OR12003, OR12002 & OR12005) as the case may be. If the standard of a particular type of cable is not available in India, the cables must comply relevant International standards (IEC 502) with latest amendments. Ref. to DGMS Tech. Circular (Electrical), (Approval) No. 17 dated 25/05/2015.

20) 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).

21) Tri-lingual notices shall be exhibited forbidding unauthorized operation, cautioning the presence of electrical apparatus as per CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 109 (7(i)).

22) Schedule – XIII shall be present and filled as per CEA (Measures relating to safety and electric supply) Regulations, 2010, clause 110 (9) & regulation no. 115(5)

23) The switchgear and protective system shall be kept effective, maintained and checked and result shall be recorded as per CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no. 100(3).

24) Electrical isolation / Energization permits shall be maintained as per Oil Mines Regulation, 2017 regulation no. 99 and OISD 216.

25) 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).]

26) Following tools shall be maintained for electrical jobs –

    i. FLP torch
    ii. Intrinsically safe Insulation Tester
    iii. Multimeter
    iv. Clamp meter
    v. Earth Tester
    vi. Safety belt
    vii. Rubber insulated gloves (of appropriate voltage grade) for electrical purpose. It shall be ensured that hand gloves are used every time an authorized personal works on electrical panel/ equipment.
    viii. Discharge sticks & lamp tester
    ix. Electrician's Tool Kit
    x. Lux meter
    xi. Ladders

27) Shock treatment chart should be displayed in the PCR. This should contain telephone number of fire service and other emergency services. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.28(1) and OISD 216 (Annexure-2&4)]

28) 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.

29) All electrical equipment (motors, alternators, Starters, PBS etc.) shall have Danger

notices/ caution boards of appropriate voltage. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.18 and OISD 216(Annexure-4)]

30) Valid calibration records of all the measuring instruments shall be available at site.

31) All electrical panels shall be painted with the description of its identification at front and at the rear. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.19(6)]

32) Insulation mats shall be available in all electrical PCRs, stand by alternators and all distribution boards. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.19(5)]

33) All connections to the motors/PBS/junction boxes should be through double compression glands. All the FLP double compression glands are correctly installed and the cable entry is tight. The cable size should match with the gland. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.106(vi) & OISD 216]

34) Busbar connections / terminations shall be insulated with appropriate insulating tape; naked joints shall be avoided. Terminal blocks of cable entry shall be covered with hylam or transparent insulating plastic sheet. [Ref: CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.17 & OISD 216 (7.1(vi))]

35) The following registers/documentation files (minimum) shall be maintained at site:

i. Electrical Log Book Register to maintain records of operational parameters and energy consumption data (every shift)

ii. Daily Progress Report.

iii. Electrical Equipment Maintenance Register.

iv. Breakdown Maintenance Register.

v. Well Site Inventory Register.

vi. Schedule-XIII [of CEA (Measures relating to safety and electric supply) Regulation, 2020]

vii. By-pass register

viii. Register for management of change

ix. Earthing resistance value record register

x. RCBO test record register

xi. Filled up tool box talk record file

xii. Closed electrical isolation permit record file

xiii. Commissioning record file

36) **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.

37) **PROVIDING POWER TO PRODUCTION SETUP AT DRILLING LOCATION:**

It shall be the responsibility of the Contractor to supply power to production setup if required (Power Supply should be 50 Hz, 415 V, 3 Phase without neutral), as long as "rig-down" is not declared. The Contractor can stop power supply to such production facilities after rig-down is declared.

F) <u>MISCELLANEOUS ITEMS</u>:

(a) Dog house
(b) Storage and tool house.

G) DRILLING INSTRUMENTATION & COMMUNICATION SYSTEM:

Rig Instrumentation and communication system shall consist of, but not limited to the minimum following systems. [Make: Martin Decker or equivalent make]

(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's console.

(b) **Driller's console:** Driller's console [Martin Decker or equivalent make] shallconsists of, but not limited to the following -

- 1 No. of suitable Mud pressure gauge (additionally one on stand pipemanifold & one on each mud pump)
- Tong torque gauge
- Rotary torque gauge
- Rotary RPM meter
- Individual pump SPM counter for each rig pump.

(c) **Advanced Instrumentation System:** NOV MD Totco Drill watch or equivalent system to be provided inside Driller's Console for monitoringcritical drilling parameters such as hook load and bit weight, standpipe pressure, RPM and torque, depth of hole, total active mud volume, gain/loss,individual and totalized SPM from pumps, return flow on Rig floor and for recording in the Workstation at company representative's office.

The system 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 hard copies along with the soft copies of the same shall be submitted to the concerned Company Representative.Upon completion of a well, entire well data should be available and also tobe submitted to the concerned company representative in soft form in a transferrable storage device like Pen drive, DVDs or external Hard diskDrives so that the data can be accessed in future for reference.

Audio visual alarm shall be provided for the following minimum parameters:

1. Active Pit Level
2. Mud Return Flow Rate High/Low
3. Rate of Penetration High
4. Pump Pressure High/Low
5. Block Proximity Crown & Floor

(d) **Online Gas Monitoring System:** Online Gas Monitoring System shall be capable of continuous monitoring of two gases particularly Hydrogen Sulphide (H_2S) and Methane (CH_4). The system shall consist of Multi-Gas detectors/Single Gas detectors for detection of these two gases. The system shall also consist of a control unit for continuous monitoring, measurement and generation of audio-visual warning alarm. There are two gas detection locations in the Rig, one is at Well Head and another is at the Shale Shaker. The system shall be capable of monitoring all the two gases in these two locations. Gas detected shall be measured and displayed in the common controller/display unit to be located at Dog house/Rig-superintendent's office. But, the explosion proof Hooter & Flasher shall be mounted at rig- floor. Calibration Kit & Accessories shall be provided along with the systemfor periodic calibration and maintenance of the system, the record of which shall be maintained as per norms.

(e) **Rig Intercom System:** Suitable flame proof, explosion proof & intrinsically safe Rig Intercom cum Public addressing 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 and company representative's office, on mast and Rig Floor.

(f) **Portable gas detectors:** Minimum 3 nos. of Portable Gas Detectors, suitable for H_2S, CO & CH_4 gas shall also be available.

(g) **Self-Contained Breathing Apparatus**: 4 nos. of Protective Self-Contained Breathing Apparatus (SCBA), 8 nos. of Gas Mask Respirator with sufficient filters for H_2S environment.

(h) **Electrical measuring/testing instruments**.

(i) **Noise and Illumination level measuring instruments**.

(j) **CCTV surveillance system**

- 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].
- 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:

1. 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.
2. All the above systems, Advanced Drilling Instrumentation system (Drill watch 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 supplier.

   The supplier 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.

   All test certificates, calibration certificates and approvals (if required) shall be submitted and periodic calibration certificates of all instruments shall be properly maintained.

   Regulation 107 of OMR-2017. Use of electrical equipment in hazardous area. - (1) No person shall use electrical appliance, equipment or machinery including lighting apparatus in zone "0" hazardous area. (2) 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:

Note:

1. All the electrical/electronic instruments/sensors required to be installed shall be of

explosion proof (Type Ex-d) suitable for use in oilfield hazardous area, Zone-I & Zone-2, and Gas group IIA & II B of oil mines and shall conform to clause no.107 of OMR-2017 and subsequent notifications from DGMS. Test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory orATEX notified body, which is not a part of manufacturer's facility; shall be submitted with the quotation as well as with during the mobilization of Rig. In case of such Test Reports are not available at the time of submitting the offer, the same shall be submitted prior to commencement of operation. The bidder shall categorically confirm the same in their offer.

2. 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 operationof the Rig.

3. **Documents required with techno-commercial bid:**

The bidder should furnish the following along with their techno-commercial bid.

i) Details of all Instrumentation systems.

ii) Copies of valid approvals of CIMFR/ recognized laboratory of country of origin related to electrical/electronic instruments for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B.

iii) Also copies IS/ IEC standards as specified by DGMS as per clause no. 107 of OMR-2017 of electrical/electronic instruments for use in Zone 1 and Zone 2 hazardous areas. Also, all the electrical/electronic instruments 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.

H) MOBILE EFFLUENT TREATMENT PLANT / EFFLUENT MANAGEMENT

One (1) Full-fledged Mobile Effluent Treatment Plant (ETP) with laboratory facilityto treat the solid and liquid effluent from well & plinth and to match therequirements for drilling locations in N.E region in line with the recent guidelinesfrom Ministry of Environment and Forest and Climate Change (MoEF & CC), Central Pollution Control Board (CPCB), State Pollution Control Board (SPCB) and safe disposal of Oil, Drilling Effluents as below.

1. **Capacity**: The ETP unit should be sufficient to handle minimum of 150 cubic meters of liquid effluent per day along with a Horizontal Centrifuge capacity of minimum 8m3/Hr in the flow cycle after dozing system and other treatment tanks but before final filtration process and 50 cubic meters of solid effluent input per day.

2. The liquid and solid output from the ETP shall conform to the prevailing CPCB& SPCB norms and follow MoEF & CC guidelines published from time to time. The liquid output coming out from ETP (treated effluent) shall be within the permissible limits laid down by State Pollution Control Board (i.e. Onshore Discharge Standards for Liquid Effluent from Oil Drilling).

3. The treatment process shall be of chemical separation and mechanical separation. The treatment of liquid effluent should be by coagulation & flocculation and Reverse Osmosis (RO) methods; however, the treated liquid effluents shall meet norms of CPCB guidelines.

4. The plant shall be inside mining area and shall comply with OMR 2017.

5. All electrical motors, light fitting and other electrical equipment used with ETP 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].

6. Laboratory facility with competent personnel to test and report output analysis.

7. ETP shall be in sound operating condition from the day of spudding tillcompletion of effluent treatment of entire effluent after declaration of ILM to next location.

8. All spares, consumables, chemicals, etc. required for smooth running of Effluent Treatment Plant is the sole responsibility of the Contractor.

9. Contractor shall use a suitable drier system to treat the solid cuttings to achieve fairly dry cuttings and dispose off the treated solid / sludge at a suitable place as specified by the company (within the well plinth).

10. Treated water sample analysis reports have to be certified by SPCB/CPCB recognized Environmental Laboratories at two weeks interval or the frequency as required by SPCB and the same to be submitted to Company's representative. In case of any negative report, remedial / corrective measures should be taken immediately to correct/rectify the system.

11. Provision for transferring effluent from different areas of drill site (as & when required) to the effluent pit is to be made by the Contractor in order to keepthe well plinth clean.

12. Contractor shall make all arrangements including pumps, valves & otherfitting or any other means of disposal including water tanker to dispose-off treated water outside & away from the drill site / installation with the consent of State Pollution Control Board without any liability / obligation on part of Company. Company reserves the right to utilize / recycle the treated water, to the extent of its requirement for which the contractor shall make all necessary arrangements including pumps, pipes, valves & other fittings within the radius of 250 Mtrs. However, the expected elevation will be around 10 mtrs.

13. **The ETP should be equipped/set up with suitable standby power generator to run independently in case of urgent requirement when the Rig is not in operation. However, if contractor decides to run the ETP with Rig engine during this emergency period (when zero-day rate is in force), the quoted/contract rate (ETP-DR) for this period shall only be payable.**

14. **Special Note(s)**

(a) The Chief Electrician engaged by the Contractor shall have the responsibility of operation, maintenance and support of the electrical equipment of the ETP plant.

(b) All electrical records of the ETP plant should be maintained by the Chief Electrician. These records should be presented for scrutiny as and when required by statutory authority / Company.

GENERAL NOTES:

(a) Minor variation in size and specification of tools and equipment quoted with the rig should be acceptable provided these are fully compatible with the offered rig.

(b) Approximate transportable dimension of one rig load should be confined to 9 M (L) x 3.5 M (W) x 3 M (H) or as permissible as per prevailing Motor Vehicle (MV) act of India.

(c) Supply, storage, consumption / regulation of water & fuel at the well sites as wellas 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.

(d) 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.

(e) The Contractor shall stock, adequate quantity of screens (mesh sizes 16, 40, 60, 80,100, 120, 140, 175, 210, 240, etc. or equivalent.) for shale shaker and size 175 and beyond for mud cleaner. Simultaneously, enough stock of desander /desilter / mudcleaner cones & other spares shall also be maintained by the Contractor.

(f) 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. Supply of water from any alternate sources shall be the responsibility of the Contractor, if no water is found at the exact camp or well site.

The Contractor shall inspect the proposed drill sites & surrounding areas to ascertain availability of water including natural resources. Contractor will be solely responsible for drawing water for drill site &/or camp site from such naturalresources.

(g) Supply of LDO/LWC for mud preparation and for meeting other downhole eventualities will be the company's responsibility. Contractor to provide HSD in case of stuck pipe situation for spotting and payment thereof at actual will be made by the Company. However, 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) Wire line Logging Service: All logging requirements as depicted in the drillingprogramme will be met by OIL through its in-house or through logging service Providers.

(k) **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. 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 negligenceof the Contractor.

(l) All the engines to be used in rig package should preferably be EURO-3 compliant.

4.8 CIVIL ENGINEERING WORKS

4.8.1 The approximate well plinth preparation for a similar drilling rig with theCompany is broadly as follows:

i) Approx. plinth areas : 9215 Sq. m

ii) Concrete volume : 700 to 750 cum
(For foundations of slush pumps, drilling rig, rig engines, ETP foundation etc.)

iii) Hard standing area : 5640 Sq.M

iv) Effluent pit volume:

8,00,000 gallons for Development well.10,00,000 gallons for Exploratory well.

v) Safe Bearing Capacity : 8.0 Kg/Sq.cm

The Contractor may use the above information as a guide line only. The Contractor's and OIL's responsibilities in this regard are defined below.

4.8.2 All Civil Engineering jobs associated with preparation of approach road, well site plinth, well site toilets as per OIL standard, rig foundation (with cellar) etc. will be the Company's sole responsibility. However, the Contractor shall submit the following in order to assess the quantum of civil engineering works required -

a) Rig layout drawing clearly indicating areas where road / hard standing is required.

b) Substructure foundation design and detailed working drawing.

c) Cellar foundation design and detailed working drawing. Also, indicate maximum allowable cellar foundation size.

d) Structural configuration and load distribution of the rig package / equipment.

e) Detailed design and working drawing of any other equipment requiring cement/concrete foundation.

f) All approach roads to well site and hard standing of well sits will be made from gravel locally available without any black toping what so over as per prevailing practice.

g) The foundation for derrick leg, mud pumps, engines, 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.

4.8.3 Fabrication including necessary sizing / adjustment in length of false conductor with available cut pieces is Contractor's responsibility. The raw materials for fabrication of false conductor will be supplied by the Company but fabrication to be done by the Contractor at well site including grouting of the same landing/placement of same. Grouting of false conductor will be done by company.

NOTE:

i) Setting up of camp is the sole responsibility of the Contractor. However, Company may provide land for setting up camp at well site subject to availability of sufficient land. In case the available land is found inadequate then the contractor at his own cost shall arrange additional land for setting up the camp. For the camp, the Contractor shall take all responsibilities for preparation of site, making foundation as per their requirement etc. etc. Note:Company will built septic tank / soak pit for the camp.

ii) The day to day maintenance and housekeeping of the plinth including drainage of effluent, drainage of rain / accumulated water, removal anddisposal of drill cuttings & other waste, repairing & maintaining road over plinth during the entire drilling operation shall be the Contractor's responsibility.

iii) The Civil materials required for camp maintenance shall be supplied & arranged by the Contractor.

4.8.4 Erection and dismantling of Panel fencing in well site in the Company's responsibility. The required number of Panel fencings for the same shall be supplied by the Contractor and specifications regarding panel fencing should conform to OIL's standard drawing.

Note:

1. Civil Materials mentioned in above clauses are cement, sand, aggregate, brick/ brickbats, gravels, boulders, broken stone etc.

2. 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.

4.9 **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 SERVICES:

i) Standard Mud testing laboratory with the requisite mud testing equipment including but not limited to Fan Viscometer, API & HP-HT fluid loss apparatus, lubricity testing equipment etc. along with the laboratory & necessary mud testing equipment/ apparatus etc. shall be provided by the contractor.

ii) OIL shall submit a detailed stage wise mud program based on the depth data/casing policy as indicated in this document including their recommended dosage for mud additives and optimum range of mud parameters which need to be maintained by Contractor at the well site for achieving trouble free drilling operations.

iii) Shift wise mud report in detail (as per standard IADC Pro forma) indicating all mud properties like mud weight, viscosity, API fluid loss, HP-HT fluid loss, `O' gel/15' gel, mud stock, details of chemicals/additives mixed during the shift, the operating condition of solid control equipment, Mud hydraulics etc. shall be prepared and submitted to the company representative by the Contractor's Mud engineers.

iv) The Contractor must ensure proper maintenance of mud parameters to avoid damage to producing formations and maintain a good bore hole. He should also ensure the availability of mud chemicals at well site by submitting his requirement to the company's representative well ahead of time.

v) Additionally, the Company may engage mud Engineering Services through Mud Engineering Service Provider (engaged by the Company). Under such scenario, the Rig Contractor shall render all necessary help for smooth operations of the mud engineering services.

Note: In case of any difference of opinion at any stage, with regard to mud policy, OIL's mud programme shall prevail and the Contractor must use OIL's mud policy at that point of time.

B. CEMENTING SERVICES:

The Company / cementing service provider (if engaged by the Company) shall perform the cementation jobs at the wells planned to be drilled. The Rig Contractor shall render all necessary help as described below for smooth operations & to carryout job successfully. Boarding & Lodging facility at site for three Cementing personnel free of charge shall have to be provided by the Contractor during the call out period.

a) The Contractor shall provide the following tools, equipment and services to enable OIL to carry out the jobs successfully.

i) Suitable Compressor/compressed air for loading/off-loading of oil well cement at well site storage facilities. The requisite spares for compressor are to be maintained by contractor.

ii) Slush pumps shall be used (individually or in conjunction) to pump cement slurry. Expected parameters are 3500 psi, (max.) 400 GPM.

iii) Unloading of oil well cement from transport silos to field silos & vice - versa atwell site.

iv) OIL's Field storage silos if attached to the rig shall be rigged up / down, maintained and transported by the Contractor to forward location.

v) OIL shall provide a platform with a set of hoppers, bucket tank (4"x4"x2") to the Contractor which shall be operated and maintained by the contractor. All necessary lines & fitting especially suction line (of compatible size and length) connecting the above bucket tank with the rig pumps need to be provided and connected by the Contractor.

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.

vii) Contractor shall assist to deploy all other cementing services/contract which may be provided by company in future.

viii) Slurry mixing/gauging water pump, reciprocating type of adequate pressure and volume, during entire cementing operation. The pump should be Make- Bourn Drill Model-MP10-7.5 or suitable equivalent having following specifications:

Liner size: 6"	**Stroke length: 10"**
Discharge Vol.: 427 US GPM.	**Max. Discharge Pressure: 574 PSI**
Input Horse Power: 75 HP	**Engine: 6YDA, 92 HP at 1800 rpm**

b) The Contractor shall be required to assist OIL in performing all cementation jobsat all the wells.

c) OIL may at any time decide to utilize a cementing unit for carrying out the cementation job. Further the Contractor will carry out cleaning / flushing of cementing setup and associated surface lines after completion of the cementing jobs.

d) Slush pumps shall be used for pumping of cement slurry displacing fluid.

e) The size of field silos to be provided by OIL shall be 8.06 m(H) x 2.75 m (W) x 2.75 m (W) = 03 Nos. or as available.

f) **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 (as described above), crane service, water, air, etc. to carry out the jobs successfully.

i. Fixing of cementing accessories and equipment:

Following specific facilities are essential in order to utilize cementing units besides rig pumps for executing primary cementation jobs.

One additional high-pressure (7500 psi) discharge line (minimum 3" dia) 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. There should be option of utilizing all the rig pumps as well

as cementing units for carrying out cementation jobs. The 3" dia. HP line must have provision for receiving delivery from all rig pumps with adequate isolating facilities. 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 10"/12" dia for both the slush pumps from the cementing hoppers and pre-flush tank must be provided with necessary fittings, valves etc.

ii. Pre-cementation equipment readiness

The contractor shall thoroughly clean-up and make all cementing suction and delivery lines from slurry mixing/pre-flush 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 OIL's Cementing Engineer.

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.

iii. During cementation readiness

The Contractor shall, during the cementing job, attend to all problems, render help and rectify all defects to the satisfaction of OIL's cementing Engineer. These shall include equipment and accessories supplied by OIL also.

iv. 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 OIL's equipment, which are required to be removed after the mandatory period.

C. CORING SERVICES:

The Contractor shall be required to take cores through coring service provider (engaged by the Company) during drilling at different stages whenever desired by the Company. The Contractor shall render all necessary help for smooth operations of coring services.

D. LINER HANGER SERVICES:

The Company / 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. Boarding & Lodging facility at site for one Liner Hanger Engineers free of charge shall have to be provided bythe Contractor during the call out period.

E. DIRECTIONAL DRILLING SERVICES:

The Company or Directional Drilling Service Provider (if 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. Boarding & Lodging facility at site for four deviation personnel free of charge shall have to be provided by the Contractor

F. WIRELINE LOGGING SERVICES:

The Company / 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.

G. MUD LOGGING SERVICES:

The Company / 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.

H. PRODUCTION TESTING SERVICES:

The Company / 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.

I. A) CASING CUTTING SERVICES:

Contractor shall provide casing cutting services, if necessary, to cut casing at well head after setting slip seal assembly.

B) TORQUE AND TURN SERVICE:

Company may engage Torque and Turn Service as and when desired by the Company through hired service for proper make up torque and record of the same during lowering of various sizes of casings, liners and production tubing at the wells planned to be drilled. The Rig Contractor shall render all necessary help for smooth operations of torque and turn services.

C) MANAGED PRESSURE DRILLING (MPD) SERVICES:

The Company may engage Managed Pressure Drilling (MPD) Service through service provider in 01 or 02 wells as per requirements with this rig. The Rig Contractor shall render all necessary support/help in accommodating MPD service for smooth operations of

J. CATERING SERVICES:

1. 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 all third-party Contractors (engaged by the Company) for drilling associated services like Mud Logging, Mud Engineering and Cementing, coring, liner hanger services etc. as mentioned in para 4.9 above.
2. **Kitchen**: State of the art skid mounted modular hygienic kitchen having four burner stove, fridge, oven, cutting table, Atta mixer, exhaust, serving window, washing area, storage, etc. should be used for cooking.
3. Catering Services include bed tea, breakfast, lunch, evening tea with snacks and dinner.

Note: Cooking in temporary sheds will not be acceptable.

K. MEDICAL SERVICES:

Suitable first aid medical services shall be provided by the Contractor on round the clock basis with an attending Doctor on call 24 Hrs. a day. The Doctor shall beavailable at site at all times during the entire contractual period with sufficient quantity of First-Aid equipment & medicines to meet any emergency.

L. 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 representatives to be designated by Company. The camp should be well maintained with normal recreational facilities including LCD/LED TV with DTH, etc. 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:

a) 3 (Three) 1-seater unit accommodations with attached bath and toilet.

b) 3 (Three) 2-seater unit accommodation with attached bath & toilet.

c) 4 (Four) 4-seater accommodation with attached bath & toilets.

d) 1 (One) office cum living unit for Company's Representative at site. The unit should be equipped with refrigerator, computer, internet with e-mail, printer, scanner, fax machine & other communication equipment. This unit should benear to rig superintendent's office and should have inter-connection.

e) 1 (One) unit with all facilities (i.e. conference table, chairs, projector, screen, computer, etc.) for conducting meetings at well site.

f) All bunk houses shall be air-conditioned and fully furnished.

g) The Company would avail catering services at well site with fixed menu.

h) At least one spacious air-conditioned bunk house containing all recreational cum sitting facilities.

i) 1 (One) laundry unit with attendant service.

j) 1 (One) air-conditioned bunk house type first aid disbursement room to meet any emergency with doctor and attendant.

k) Two (2) Spacious dining halls shall be provided by the Contractor, one exclusively for workmen (of Contractor's / Company's third party / Company's) & one exclusively for officers (of Contractor's / Company's third party / Company's). Modular Kitchen, store bunk house etc. shall be provided as per convenience & requirement of the Contractor.

NOTE:

i) The Contractor should bring light and easily transportable dwelling units for camp establishment nearer to the drilling locations.

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.

iii) A separate area is to be demarcated for placement of above living bunk houses at campsite for Company's personnel. The area is to be properly levelled with suitable drainage system, fenced (with XPM / barbed wire fencing) and well protected.

M. SAFETY EQUIPMENT / SERVICES:

i) **Safety**: The Contractor shall observe all safety regulations in accordance with acceptable oilfield practices and applicable prevailing (new amendments if any) Indian Laws

including provisions of OMR, 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.

ii) Fire protection at drilling sites shall be the responsibility of the Contractor. At least three of the rig operating personnel on any shift at the rig site should havetraining in basic firefighting course (from any board or an institute recognized by state/central government of India) as per OISD-GDN-228.

iii) One ambulance with dedicated driver and with all basic facilities like stretchers,oxygen cylinders, first aid facilities, blankets, splints, etc. as per OISD 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.

iv) 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.

v) Violations of HSE specification and statutory requirement will attract penalty (ies) as per Clause no. **30.0 of Part 3 Section III**.

vi) Job specific Physical capability requirement must fulfil the requirement of Rule (29) of Mines Rule, 1955 and circulars thereunder, shall be such that 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.

vii) Physical capability should be supported by form 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.

viii) 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 Organisation or any other mines Welfare organisation, failing which by any State or Central Government medical officer not below the rank of an Assistant Civil Surgeon. Additionally, medical examination can also be carried out in OIL empaneled Hospitals and countersigned the reports at OIL's Medical Officer assigned by GM (MS). 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

ix) The Contractor shall abide by the clauses depicted under HSE specifications in SCC.

N. <u>OTHERS:</u>

i) In case of any non-conformity in the connections/ sizes/ technical compatibility 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 hopper, bucket tank & fitting which shall be handed over to the contractor 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) The Contractor shall provide one no. chemical godown with floor space of approx. 660 Sq. ft. of appropriate dimensions with proper raised brick soled cemented for storing of chemicals, LCM etc.

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.

O. PERSONNEL TO BE DEPLOYED:

i) The Contractor will have to deploy adequate manpower to carry out the required operations. The deployment pattern will be as per the Contractor's discretion for all the required services except for the rig operations during drilling & completionphases for which the deployment pattern has to be as per the following normwith the indicated key personnel:

Sl.	Position	Total per day	Day shift	Night Shift	Off	Allocated per rig	Category
1	**Rig Manager / Rig Superintendent**	1	1		1	2	NA
2	**Tool pusher**	1	1	-	1	2	NA
3	**Tour pusher/ Night Tool Pusher**	1	-	1	1	2	NA
4	**Driller**	2	1	1	2	4	NA
5	**Assistant Driller**	2	1	1	2	4	Highly Skilled
6	**Derrick men / Top man**	4	2	2	4	8	Skilled
7	**Roughneck / Floor man**	8	4	4	8	16	Semi-skilled
8	**Chief Mechanic**	1	1		1	2	NA
9	**Chief Electrician**	1	1		1	2	NA
10	**Mechanic**	2	1	1	2	4	Skilled
11	**Electrician**	2	1	1	2	4	Skilled
12	**Asstt. Electrician**	2	1	1	2	4	Semi-skilled
13	**Mud Engineer**	2	1	1	2	4	NA
14	**HSE Officer**	1	1		1	2	NA
15	**Doctor**	1	1		1	2	NA
16	**Welder**	1	1		1	2	Skilled
17	**ETP Supervisor**	2	1	1	2	4	Skilled
18	**Lab Assistant for**	2	1	1	2	4	Semi-skilled

	ETP						
19	**Gas logger**	2	1	1	2	4	Semi-skilled
20	**Top Drive Operator/Technician**	2	1	1	2	4	Skilled
21	**Heavy Crane Operator**	1	1		1	2	Highly Skilled
22	**Roustabout / Unskilled Labour**	8	4	4	8	16	Un-skilled
23	**Multipurpose Attendant**	2	1	1	2	4	Un-skilled
24	**Catering Personnel**	As required					
	TOTAL*	**51**			**51**	**102**	

** Excluding catering personnel. Additional requirements of manpower as envisaged for smooth execution will entirely be arranged by the Contractor without any extra charge and obligations to the Company.*

ii) Additional requirements of manpower as envisaged for smooth execution will entirely be arranged by the Contractor without any extra charge to Company.

iii) 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.

iv) The deployed manpower shall be categorising 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.

v) Any deficiency/short supply of **Key personnel** will attract penalty (ies) as per Clause No. **30.0 of Part 3 of Section III.**

vi) 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).

vii) Consumption of alcoholic beverage at work place or working in inebriate condition and unruly behaviour with co-worker shall be strictly avoided

viii) **Crew deployment pattern and working hours:**

- 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) dtd 30th, 2014 (new amendment, if any).
- 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.

ix) Contractor shall ensure that payment to the contract labours 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 labours 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.

x) **KEY PERSONNEL**: The qualification and experience of the key personnel are to be as under:

a. RIG MANAGER/RIG SUPERINTENDENT:

i) <u>Qualification & Experience:</u>

	Education Qualification (Compulsory)		**Oil Field Experience on Drilling Rig**		**Minimum Required (5 Marks)** And
Personnel	B.Sc. or Diploma in Engineering	Engineering Graduate	10 to 15 Years	15+ Years	a) Should have worked at least 02 year as Rig Manager. b) Should be conversant with working in diesel electrical rigs/supplied 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 completed at least 3 (three) wells of minimum 4000m depth as Rig Manager or Tool Pusher or in combination. e) Should be conversant of giving instruction during downhole well problem.
Marks	**1**	**2**	**3**	**4**	

ii) <u>Certification / License / Health:</u>

(a) Must possess valid well control certificate (IWCF-Supervisor Level / Level-4 / IADC WellSharp-L4) and should be conversant with well control methods to take independent decisions in case of well emergencies.

(b) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

(c) Should possess valid MVT certificate and knowledge of firefighting at well site.

(d) 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.

b. TOOL PUSHER:

i) Qualification & Experience:

	Education Qualification (Compulsory)		Oil Field Experience on Drilling Rig		Minimum Required (5 Marks) And
Personnel	Bsc. or Diploma in Engineering	Engineering Graduate	10 to 12 Years	12+ Years	a) Should have worked at least 2 year as Tool / Tour Pusher. b) Should be conversant with working in diesel electrical rigs/supplied rig. Should have basic knowledge of repair and maintenance of Drilling Rig equipment like Top Drive/Draw works/Pumps etc. and troubleshooting. c) Should be conversant with mud chemicals & maintenance of mud property. d) Should have completed at least 02 (Two) well of minimum 4000m depth as Tool Pusher.
Marks	**1**	**2**	**3**	**4**	

ii) Certification / License / Health:

a) Must possess valid well control certificate (IWCF-Supervisor Level / Level-4 / IADC WellSharp-L4) and should be conversant with well control methods to take independent decisions in case of well emergencies.

b) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

c) Should possess valid MVT certificate and knowledge of firefighting at well site.

c. TOUR PUSHER / NIGHT TOOL PUSHER:

i) Qualification & Experience:

	Education Qualification (Compulsory)		**Oil Field Experience on Drilling Rig**		**Minimum Required (5 Marks)** And a) Should have worked at least 2 year as Tool / Night Tool Pusher. b) Should be conversant with working in diesel electrical rigs/supplied rig. Should have basic knowledge of repair and maintenance of Drilling Rig equipment like Top Drive/Draw works/Pumps etc. and troubleshooting. c) Should be conversant with mud chemicals & maintenance of mud property. **d)** Should have completed at least 02 (Two) well of minimum 4000m depth
Personnel	B.Sc. or Diploma in Engineering	Engineering Graduate	10 to 12 Years	12+ Years	
Marks	**1**	**2**	**3**	**4**	

ii) Certification / License / Health:

a) Must possess valid well control certificate (IWCF-Supervisor Level / Level-4 / IADC WellSharp-L4) and should be conversant with well control methods to take independent decisions in case of well emergencies.

b) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

c) Should possess valid MVT certificate and knowledge of firefighting at well site.

d. DRILLER:

i) Qualification & Experience:

Personnel	Education Qualification (Compulsory)			Oil Field Experience on Drilling Rig			Minimum Required (7 Marks) And
	Class XII or SSC or HS passed	B.Sc. or Diploma in Engineering	Engineering Graduate	5 to 8 Years	8 to 12 Years	12+ Years	a) Should have worked at least 2 year as Shift-in-charge / Driller. b) Should be conversant with working in diesel electrical rigs/supplied rig. Should have knowledge of repair and maintenance of Draw works/Pumps and trouble shooting. c) Should be conversant with mud chemicals & maintenance of mud property. d) Should have completed at least 1 (One) well of minimum 4000m depth as Driller. e) Shall have working experience with top drive
Marks	**1**	**2**	**3**	**4**	**5**	**6**	

ii) Certification / License / Health:

a) Must possess valid well control certificate (IWCF- Driller Level / Level-3) and should be conversant with well control methods to take independent decisions in case of well emergencies.

b) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

c) Should possess valid MVT certificate and knowledge of firefighting at well site.

e. ASSISTANT DRILLER:

i) Qualification & Experience:

Personnel	Education Qualification (Compulsory)			Oil Field Experience on Drilling Rig			Minimum Required (7 Marks) And a) Should have worked at least 2 year as Asst. Driller. b) Should be conversant with working in diesel electrical rigs/supplied rig. c) Should be conversant with mud chemicals & maintenance of mud property. d) Should have completed at least 01 (One) wells of minimum 4000m depth as Asst. Driller. e) Shall have working experience with top drive
	Class XII or SSC or HS passed	B.Sc. or Diploma in Engineering	Engineering Graduate	2 to 4 Years	4 to 6 Years	6+ Years	
Marks	**1**	**2**	**3**	**4**	**5**	**6**	

ii) Certification / License / Health:

a) Must possess valid well control certificate (IWCF- Driller Level / Level-3) and should be conversant with well control methods to take independent decisions in case of well emergencies.
b) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).
c) Should possess valid MVT certificate and knowledge of firefighting at well site.

f. DERRICKMAN / TOPMAN:

i) Qualification & Experience:

Personnel	Education Qualification (Compulsory)			Oil Field Experience on Drilling Rig				Minimum Required (6 Marks) And Should have worked at least 1 yearas Derrickman / Top-man.
	Class VIII passed	Class X passed	Class XII or SSC or HS passed	1 to 2 Years	2 to 5 Years	5 to 8 Years	8+ Years	
Marks	**1**	**2**	**3**	**4**	**5**	**6**	**7**	

ii) Certification / License / Health:

a) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).
b) Should possess valid MVT certificate and knowledge of firefighting at well site.

g. ROUGHNECK / FLOOR-MAN/RIG MAN:

i) Qualification & Experience:

Personnel	Education Qualification (Compulsory)			Oil Field Experience on Drilling Rig				Minimum Required (6 Marks) And Should have worked at least 1 year as Roughneck / Floorman / Rig-man.
	Class VIII passed	Class X passed	Class XII or SSC orHS passed	1 to 2 Years	2 to 5 Years	5 to 8 Years	8+ Years	
Marks	**1**	**2**	**3**	**4**	**5**	**6**	**7**	

ii) Certification / License / Health:

a) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).
b) Should possess valid MVT certificate and knowledge of firefighting at well site.

h. CHIEF MECHANIC (MECHANICAL ENGINEER):

i) <u>Qualification & Experience:</u>

	Education Qualification (Compulsory)			**Oil Field Experience on Drilling Rig**				**Minimum Required (8 Marks)** And i) Should have a minimum of 3 years' work experience as Master mechanic in drilling rigs. ii) 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.
Personnel	Class X passed	Class XII or SSC orHS passed	B.Sc. or Diploma inMechanical Engg.	1 to 3 Years	3 to 6 Years	6 to 8 Years	8+ Years	
Marks	**1**	**2**	**3**	**4**	**5**	**6**	**7**	

ii) <u>Certification / License / Health</u>:

a) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

b) Should possess valid MVT certificate and knowledge of firefighting at well site

i. ELECTRICAL ENGINEER / CHIEF ELECTRICIAN:

i) Qualification & Experience:

	Education Qualification (Compulsory)		**Oil Field Experience on Diesel Electric (AC-SCR / AC-VFD) Drilling Rig**			**Minimum Required (5 Marks)** And a) 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. b) Should be conversant with the AC/SCR and/or AC/VFD control systems of drilling rigs c) 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.
	Diploma in Electrical Engineering	Graduate in Electrical Engineering	3 to 5 Years	5 to 8 Years	8+ years	
Personnel						
Marks	**1**	**2**	**3**	**4**	**5**	

ii) Certification / License / Health:

Must possess valid Electrical Supervisor's Certificate of Competency with authorization for Parts – 1, 2, 3, 4 & 8 (Mining Part) issued by State Licensing Board and should be conversant with Oil Mines Regulations, 2017 and CEA (Measures relating to safety and electric supply) Regulations, 2010.

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)].

a. Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

Note: ***ITI certificate holders are not acceptable as Chief Electricians. Moreover, the Chief Electrician must be conversant with the offered AC-SCR or AC-VFD system of drilling rigs.***

j. MECHANIC (IC) / (PUMP)

i) Qualification & Experience:

	Education Qualification (Compulsory)			**Oil Field Experience on Drilling Rig**			
Personnel	Class XII or SSC or HS passed	ITI (2 Yrs. Course Preferably from Govt. recognized Institute) in Diesel Mechanic/Fitter	B.Sc. or Diploma in Mechanical Engg.	2 to 3 Years	3 to 6 Years	6 + Years	**Minimum Required (7 Marks)** And a) Should have a minimum of 01 years work experience as Mechanic in drilling rigs. b) Should have a working experience as Mechanic in drilling rigs. c) Should have sufficient knowledge of operation and maintenance of Drilling / work-over 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.
Marks	**1**	**2**	**3**	**4**	**5**	**6**	

ii) Certification / License / Health:

a) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).
b) Should possess valid MVT certificate and knowledge of firefighting at well site.

k. ELECTRICIAN:

i) Qualification & Experience:

	Education Qualification (Compulsory)		**Oil Field Experience on Diesel Electric (AC-SCR / AC-VFD) Drilling Rig**			**Minimum Required (5 Marks)** And Should be able to read circuits, communicate, detect and rectify faults.
Personnel	ITI (2 Yrs. Course Preferably from Govt. recognized Institute) in Electrical Discipline	Diploma in Electrical Engg.	3 to 5 Years	5 to 8 Years	8+ years	
Marks	**1**	**2**	**3**	**4**	**5**	

ii) Certification / License / Health:

a) Must possess valid Electrical Workman Permit with authorization for Parts/ Clauses - 1 & 2 issued by State Licensing Board.
Validity of permits – Must have a valid Electrical 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)].

b) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

c) Should possess valid MVT certificate and knowledge of firefighting at well site.

1. ASSISTANT ELECTRICIAN:

i) Qualification & Experience:

	Education Qualification (Compulsory)		**Oil Field Experience on Diesel Electric (AC-SCR / AC-VFD) Drilling Rig**			**Minimum Required (5 Marks)** And Should be able to read circuits, communicate, detect and rectify faults.
Personnel	ITI (2 Yrs. Course from Govt. recognized Institute) in Electrical Discipline	Diploma in Electrical Engg.	1 to 3 Years	3 to 5 Years	5+ Years	
Marks	**1**	**2**	**3**	**4**	**5**	

ii) Certification / License / Health:

a) Must possess valid Electrical Workman Permit with authorization for Parts/ Clauses - 1 & 2 issued by State Licensing Board.
Validity of permits – Must have a valid Electrical 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)].

b) Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

c) Should possess valid MVT certificate and knowledge of firefighting at well site.

m. MUD ENGINEER:

i) Qualification & Experience:

	Education Qualification (Compulsory)		**Oil Field Experience on Drilling Rig as Mud Engineer**		**Minimum Required (6 Marks)** And Experience in managing independently various kinds of mud in deep exploratory/development wells and other related activities
Personnel	B.Sc. in Chemistry	M.Sc. in Chemistry/ BE/B. Tech in Chemical Engineering	Minimum 05 Years	Minimum 08 Years	
Marks	**1**	**2**	**4**	**5**	

ii) Certification / License / Health:

i) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

ii) Should possess valid MVT certificate and knowledge of firefighting at well site.

n. HSE OFFICER:

i) Qualification & Experience:

	Education Qualification (Compulsory)			**Oil Field Experience on Drilling Rig as HSE officer**			
Personnel	Diploma in fire engineering/ Diploma in fire & safety engineering	Graduate in science with minimum one year certificate/PG diploma in Fire & Safety	MBA in HSE management or Graduate in Fire Engineering/Fire & Safety Engineering	3 to 5 Years	5 to 8 Years	8+ Years	**Minimum Required (7 Marks)** And i) Out of which two year must be field experience in E&P sector. ii) Should be conversant with various sequence of operation in drilling rig. iii) Should have fair idea of Mines Act, 1952& OMR,2017 and all other Rules (Mines Rule, 1955, MVTR, 1966) Regulation (OMR1984), Environment Act'1986
Marks	**1**	**2**	**3**	**4**	**5**	**6**	

ii) Certificate / License / Health:

(i) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

(ii) Should possess valid MVT certificate and knowledge of firefighting at well site.

o. WELDER:

i) QUALIFICATION:

01 (One) year ITI certificate in welding trade in welding trade from any institutions recognized by state or central government technical education board.

ii) EXPERIENCE

a) Should have at least 05 years of experience in oil industry as a welder and must be conversant in welding / cutting of casing and well head accessories.

b) He must be conversant with Permit to Work.

c) He must be conversant with different type of welding rods and there proper uses.

iii) CERTIFICATION / LICENSE / HEALTH

a) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

b) Should possess valid MVT certificate and knowledge of firefighting at well site.

p. SUPERVISOR FOR EFFLUENT TREATMENT PLANT:

i) QUALIFICATION:
He shall have minimum qualification - degree of B.Sc. in Chemistry / Environmental science from Government recognized University.

ii) EXPERIENCE:

a) Should be of sound health and have at least two (02) year work experience in E&P Company.

b) Should be conversant to all the SPCB, CPCB, DGMS, OISD & MoEF guidelines.

iii) CERTIFICATION / LICENSE / HEALTH

a) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

b) Should possess valid MVT certificate and knowledge of firefighting at well site.

q. LABORATORY ASSISTANT FOR ETP:

i) QUALIFICATION:
He shall have minimum qualification of SSLC / Higher Secondary / Twelfth Pass or equivalent from recognized University / Board in science stream.

ii) EXPERIENCE:

a) Should have at least two (02) year work experience in E&P Company.

b) Should be conversant to all the SPCB/CPCB guidelines.

iii) CERTIFICATION / LICENSE / HEALTH

a) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

b) Should possess valid MVT certificate and knowledge of firefighting at well site.

r. GAS LOGGER:

i) QUALIFICATION:

He must be 10+2 pass i.e. HS/SSC/HS/PU in science

ii) EXPERIENCE

a) He should have 01 years' experience as mud logger/gas logger/ gas tester in drilling or workover rigs or oil field operations

Or

He should have 02 years' experience working in drilling rig under Mud Engineer or as a roustabout with knowledge of cuttings sample, gas meter, sample, 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.

iii) CERTIFICATION / LICENSE / HEALTH:

a) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

b) Should possess valid MVT certificate and knowledge of firefighting at well site.

s. TOP DRIVE OPERATOR / TECHNICIAN:

i) QUALIFICATION:

He must be HSLC/HS/SSC/HS/PU or 01 (one) year ITI in Diesel Mechanic/Fitter/Motor Mechanic trade from Engineering from any Institutions recognized by state or central government technical education board.

ii) EXPERIENCE

a) He should have knowledge of Top drive system

b) He should have training in Top drive system and preferably trained under OEM of the top drive or its authorised training centre.

c) Should be of sound health and have at least two (2) years work experience in operating, rigging-up & rigging-down a similar top drive unit attached to drilling rig.

iii) CERTIFICATION / LICENSE / HEALTH

a) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

b) Should possess valid MVT certificate and knowledge of firefighting at well site.

t. HEAVY CRANE OPERATOR:

i) QUALIFICATION:

He must be HSLC/HS/SSC/HS/PU or 01 (one) year ITI in Diesel Mechanic/Fitter/Motor Mechanic trade from any Institutions recognized by state or central government technical education board

ii) EXPERIENCE

a) Should have a minimum of 05 years work experience in operating a heavy crane attached to drilling rigs.

b) He must be conversant with all the Mobile Crane Hand Signals.

iii) CERTIFICATION / LICENSE / HEALTH

a) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

b) Valid license for heavy duty vehicles/ crane

c) Crane operator certification from Govt. registered training centre.

d) Should possess valid MVT certificate and knowledge of firefighting at well site.

u. ROUSTABOUT (HELPER / ROUGHNECK):

i) QUALIFICATION:

Minimum $10^{th}/8^{th}$ standard (Class-X / VIII) passed from school recognised under State or Central Board

ii) EXPERIENCE

a) The roustabout who is equivalent to helper, is typically the entry point for workers in Drilling Rig.

b) Should be conversant with Drilling rigs and operations.

iii) CERTIFICATION / LICENSE / HEALTH

a) Should possess valid MVT certificate and knowledge of firefighting.

b) Job specific Physical capability requirement: Should be of sound health to work in adverse weather condition in drilling well and as per HSE specifications. (clause 24.0 of Part-3 Section III).

v. In addition to the above key-personnel, following additional personnel are to be made available compulsorily throughout the contract period.

Category	**Nature of Duty**		**Min. Experience**
Cook for camp site	02 Nos (Two)		With adequate experience
CampBoss	Available for 24 hours/day	One	-do-
Laundry attendants	12 hrs / per day		-do-
Camp Cleaner	01 Nos (One)		-do-
Field administrator	On call basis 12 hrs	One	-do-

NOTE:

a) An undertaking as per Annexure-VII from Contractor's all personnel should be submitted to Company after deployment of manpower prior to commencement of work/completion of mobilization.

b) The personnel deployed by the Contractor should comply with all the safety norms applicable during operation.

c) **Medical Fitness**: The Contractor shall ensure that all of the Contractor's Personnel shall have had 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**.

d) **Training Courses**:

i) 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.

ii) 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.

e) Adequate number of experienced personnel to run the camp / kitchen / Mess smoothly should be kept. One Camp Boss on 24-hr basis will beresponsible for smooth running of the camp/mess. Modular Kitchen and cooking shall be supervised by a qualified chef.

f) 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:

i) Chemical Helper – 4 nos. in 8 hourly shifts
ii) Engineering helper (Additional)
iii) Electrical helper
iv) Persons on rack during casing / tubing job.

The workmen involved in carrying out electrical jobs should have validelectrical wireman permit issued by State Licensing Board.

g) Bidder shall confirm in techno-commercial bid that they can provide key personnel with relevant qualification & experience and will furnish bio-data of key personnel with their photographs, supporting documents, certificates etc. as per Annexure III at least two months prior to completion of mobilization for approval of the company.
(Note: The contractor can deploy only the key personnel approved by the company)

h) Employment of personnel other than key persons shall be at the discretion ofthe 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.

i) On/off duty details of rig personnel should be indicated. The on-off pattern ofrig personnel must comply with The Mines Act 1952 / The Oil Mine Regulation 2017 with latest amendment.

j) 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. 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 accept personnel above 50 years of age with good health condition.

k) 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 must have the qualification/experience as indicated above and the Contractor should submit qualification / bio- data/photographs/experience / track record of the personnel. Moreover, the Contractor will have to obtain prior approval from Company for the relief personnel of the Contractor.

l) The 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. However, the replacement personnel also must have the qualification/experience as indicated above. The Contractor should submit qualification/bio-data /photographs/experience/track record of the replacement personnel and obtain prior approval from the Company for their deployment. Replacement of personnel will be fully at the cost of the Contractor and shall be made by the Contractor within ten (10) days of such instruction.

P. 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, analyse 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.

Note: The key personnel need to perform responsibilities as listed under **Annexure-VIII** in addition to their Primary Responsibilities of the specific Job titles.

Q. DETAILS OF JOBS BUT NOT LIMITED TO ARE AS FOLLOWS:

(i) Drilling of holes of various sizes ranging.

(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 deviation engineer of the Company.

(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 swabbing, tripping of production string, etc.

(xviii) Coring by using various sizes and types of coring bits and core barrels.

(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 casing running in

(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.

R. **SECURITY SERVICES:** The Contractor shall be wholly responsible for complete Security of their personnel, their Rig package, Well Sites, 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 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. Suitable fencing with security gate & proper area lighting at well site as well as at camp sites will be the sole responsibility of the Contractor. 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 site and at camp site and shall provide best security services to them during

the tenure of the contract.

Note: Contractor should deploy atleast 12 nos. of armed security personnel for well site security. All the expenses related to security service shall be borne by the Contractor.

END OF SECTION-II

&&&&&

Part-3
SECTION-III
SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) shall supplement and/or supersede, if any, 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 hereby assigned to them unless the context otherwise requires:

1.1 "**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.

1.2 "**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.

1.3 "**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.

1.4 "**Drilling Unit''** means drilling rig complete with pumps, power packs, and other accessories and equipment as listed in the Contract.

1.5 "**Inter-location movement**" means transferring of Drilling Unit & complete rig materials from present location after rig release till spud-in of the well at next location.

1.6 "**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.

1.7 "**Operation Base**" means the place or places, onshore, designated as such by Company from time to time.

1.8 "**Spud-in of the well**" means the initiation of drilling of the well and the very first hit on well centre 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.

1.9 "**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.

1.10 **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.

1.11 **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.

1.12 "**Day**" means a calendar day of twenty-four (24) consecutive hours.

1.13 "**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.

1.14 "**Petty Support Services**" as mentioned in Clause 24.1 under Part-3 Section-I (General Conditions of Contract) mean support services like supply of chemical and plinth maintenance labourer, transport services required for daily Rig operation and catering services.

1.15 "**Commencement Date**" means the date on which the first well under this contract is spudded in.

2.0 MOBILIZATION:

2.1 The mobilization of the 3000HP Drilling Rig Package shall commence on the date of issue of the mobilization notice 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.

After the receipt of mobilization notice after issuance of the Letter of Award (LOA), Contractor shall submit fortnightly report or any other report as desired by Company showing progress in each activities of mobilization.

Company may inspect the rig package before mobilization. Thus, Contractor shall have to offer complete rig package for inspection by Company's representatives prior to mobilization with at least one-month notice. Bidder should indicate their acceptance to this effect in the techno-commercial bid. Time loss in mobilisation period due to the inspection process, if any, shall be adjusted accordingly.

Note: Mobilization notice will be issued separately after issuance of LOA for the Drilling Rig Package.

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

2.3 Initial mobilization of the Drilling Rig should be completed by the Contractor **within 210 (two hundred and ten) days** from the date of Mobilization Notice issued by the Company.

2.4 Mobilization charges will be payable after the Date of Commencement (completion of mobilization) of Contract as to be certified by the Company representative.

2.4.1 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.

2.4.2 Company at its discretion may provide item / equipment / accessories / tools to Contractor in exceptional cases only on rental basis based on Contractor's written request at least 20 days in advance subject to availability. In the event Company provides any item / equipment / accessories / tools to Contractor on rental basis for / during operation, the following shall be applicable:

(i) Contractor shall deposit the assessed value of the item / equipment / accessories / tools either in cash or in the form of a Bank Guarantee to Company in advance before taking delivery of the item / equipment / accessories / tools from Company. However, in case of an emergent situation, OIL may consider to accept the assessed value in Bank Guarantee or in cash within 7(seven) days of issue of the items/equipment.

(ii) Item / equipment / accessories / tools will be rented out to Contractor for a maximum period of 3(three) months and the same should be returned by Contractor to Company within a specific date to be specified by Contractor.

(iii) Contractor will be fully responsible for collecting / returning the item / equipment/ accessories / tools either from OIL's field headquarter, Duliajan, Assam, India or from any OIL's nominated place (within India) including to & fro transportation to respective well site.

(iv) Rental charges (from the date of collection till the date of return) for first three months would be evaluated taking cognizance of the present market trend. Rental 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).

(v) In the event the rented item / equipment / accessories / tools are not returned by Contractors within the specified period of three months, the rental charges would increase by 1.5 times. For next three months, rental charges would be 1.5

times the rental charges of the first three months. Rental charges in any quarter would be 1.5 times the rental charges of the previous quarter.

(vi) Deductions of rental charges will be made from running monthly invoice /bill & will be calculated based on Company's determined cost, which shall be treated as final, basis of which shall be provided to the Contractor. This will be in addition to the rental charges indicated under clause 2.4.1 (ii, iii & iv).

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 may 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 Part-3 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 wherever 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 behaviour 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. 4.9 (O) 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 ten (10) days of such instruction from the Company.

3.6 Contractor shall deploy on regular basis, all category of their employees required for economic and efficient drilling and other related operations.

4.0 FOOD, ACCOMMODATION AND TRANSPORTATION FACILITY AT WELL-SITE:

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 will be arranged by Contractor whilst that of company's staying at base camp will be arranged by Company.

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 & 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.

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 Contractor shall manage their inventories in pro-active manner so that supply of critical items for operations remains uninterrupted.

5.8 Nil Day Rates (NDR) 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 the 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 & deviation plan (if any).
b) Casing / Liner programme.
c) Well head assembly, blow out prevention system.
d) Expected formation details.
e) Mud rheology and physico-chemical parameters.
f) Coring programme (if any).
g) Cementing programme.
h) Drill stem testing programme (if any).
i) Wireline logging programme.
j) Mud hydraulics programme.

6.5 The 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) Mud hydraulic 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 plinth cleared from all debris/pollutants unless otherwise advised by the Company.

6.7 **Operation of Drilling 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.

6.8 **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.

6.9 **Coring:** 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 Coring Service Expert, to be provided separately by Company along with relevant coring equipment.

6.10 **Cuttings:** Contractor shall save and collect cuttings samples according to company's instructions and place them duly labelled in containers furnished by company.

6.11 **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.

6.12 **Deviation Drilling:** Contractor shall do his best in accordance with good oilfield drilling practices to assist the directional drilling expert & services if provided by the Company to maintain deviation of the hole within the limit to be specified by the Company.

6.13 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.

6.14 **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.

6.15 **Plug back and side-track:** Upon being requested to do so by the Company, the Contractor shall cease drilling and carryout side tracking of the hole after plugging-back (if required, to be done by Company or Company's engaged third party Cementing Services). All required help for plugging-back operation should be extended by the Contractor.

6.16 **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/provided by Company).

The cementation of casing / liner will be carried out by the Company/ 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 are secured. Any re-cementing or repairs to casing will be done at Company's discretion.

6.17 The Contractor is required to provide all necessary assistance as per standard international drilling practice to Mud Engineering Service Provider if any is hired separately by Company for effective maintenance of drilling fluid parameters in accordance with specifications and/or formulations set forth by the Company.

6.18 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.

6.19 **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.

6.20 **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 drilling and completion 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.

6.21 **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 honour those changes made by Company from time to time, if any.

6.22 **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, 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. 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.

Contractor shall also provide OIL:

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 Drill watch system shall be generated in a prescribed soft format and send to concerned Company Representative.

ii) Daily mud report on IADC pro-form including mud stock, daily consumption and stock position of chemicals and daily mud hydraulics.

iii) Daily report on POL (Petroleum, Oil & Lubricants) consumption.

iv) Daily report on effluent management with chemical analysis report of the output samples.

v) Deviation charts/records on daily basis, whenever applicable.

vi) Casing tally/Tubular tally details: After each job.

vii) Bit performance record: After completion of each well.

viii) Any other report as asked for by the Company.

ix) **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 Drill watch system shall be given to the Company Representative in soft form in a transferrable storage device like Pen drive, 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:

- 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
- Time break ups for all drilling activities.

x) Daily roster of Contractor's personnel.

xi) 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.

xii) 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.

xiii) 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 carry out 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) The Contractor shall engage an independent third-party inspection agency

acceptable to Company as listed at Clause 2.7.5 under BEC/BRC. Additionally, 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 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 TH Hill DS-1, Level 5 standards.

(iii) Copies of all inspection's 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.

(iv) If new tubular and handling equipment are used, with mill / manufacturer's certification, no inspection will be required.

(v) 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) 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 TH HILL DS1-Level 3 at contractor's cost.
- The Contractor shall carry out non-destructive test (NDT) / inspection of Mast & Sub-structure at reasonable interval at Contractor's cost.

(iii) 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.

(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 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 as per 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.

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) 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:** Company shall provide Contractor requisite certificates for obtaining rights of ingress to egress from the locations, where wells are to be drilled, including any certificate required for 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 should be promptly removed from the list by the Contractor and replaced by acceptable personnel. For any stoppage of operations for such delays, no day rate will be applicable.

9.0 TERMS OF PAYMENT:

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) 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 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 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 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.

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

9.13 Payment of Mobilization Charges shall be made within **45 days** following the date of receipt of undisputed invoices by Company. Mobilization should be complete in all respect before raising invoice.

9.14 Payment of Demobilization charges shall be made when applicable within **45 days** following receipt of invoice by Company accompanied by the following documents from the Contractor:

a) Audited account up to completion of the Contract.
b) Tax audit report for the above period as required under the Indian Tax Laws.
c) Documentary evidence regarding the submission of returns and payment 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 OIL.

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 60 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 otherwise ground rent will be charged @1% of ODR per day till the drill site is cleared, as handed over at the time of drilling. This amount will be recovered from the Final invoices.

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 SUB-SURFACE 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(s) 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(s), 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(s).

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.

e) **LOST IN HOLE (LIH):** Notwithstanding any provision under this contract to the contrary, Company shall assume liability except in the event of Willful Misconduct on the part of the contractor for loss or damage to the contractor's equipment / tool in hole below rotary table. Company shall at its option either reimburse the contractor for the value of lost equipment / tool as declared in the import invoices at the time of mobilization or subsequent replacement / addition of the same equipment / tool or CIF value whichever is lower for any such loss or damage, less depreciation @3% per month from the date of start of the contract up to a maximum depreciation equivalent to 50% of CIF value as indicated by the contractor or at its option to replace similar equipment / tools and any transportation expenses incurred in connection herewith. All such cost shall be payable by Company only after contractor submits the self-declaration form as

per the sample format attached (Proforma-A). For any such loss / damage, the contractor shall notify the Company within one month. The inspection of recovered from downhole need to be made by Company representative before submission of the invoice by contractor.

Note: The claim on account of Loss / Damage should be claimed within six months of the incident or before expiry of the Contract, whichever is earlier. OIL shall certify the Loss / Damage in Hole immediately upon receiving the intimation from the contract, so that replacement and claiming of Loss / Damage can be done within stipulated time.

DOCUMENTATION OF LOSS:
Whenever any loss, damage or destruction to any of the contractor's equipment occurs, as stated in Clause above, the Contractor shall immediately notify the same to OIL describing the loss / damage. Whenever the contractor makes any claim pursuant to the provisions under the above clause, the contractor shall furnish in support thereof as noted below:

a) List of the equipment lost or damaged.
b) Extent of the damage.
c) Particulars of import, customs assessed bill of entry & invoices.
d) Vouchers, invoices or any other documents indicating the date of first use of the equipment in India.
e) Costs of repairs, if any, supported by evidence of the same.
f) Documentary evidence or self-declaration as per format provided that the particular tool(s) / equipment in question is / are not covered by Contractor's insurance.
g) Approval from Contractor's competent authority for writing off the LIH item in the books of contractor.

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 upto US Dollar One Million for each incident and in this regard Operator shall indemnify and hold Contractor harmless in excess of US Dollar One Million for each incident. This applies only to the cost of bringing the well under control and is not to be interpreted as an assumption by Operator 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 **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, drilling fluid and cuttings, pipe dope, paints, solvents, ballast, bilge and garbage wholly in Contractor's possession and control and/or directly associated with Contractor's equipment and facilities, caused and that originating from drilling fluid, cuttings and any other operations, provided, however, Contractor's liability shall be limited to US Dollars One Million (US$ 1 Million) where after the Operator shall indemnify and hold harmless Contractor for amounts in excess.

b) Except as otherwise provided in article 10.5(a), Operator 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 due to 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 Operator US Dollars One Million (US$ 1 Million) of cost paid/incurred by Operator 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 Contractor, the same shall be emptied completely or partially by the Contractor using disposal pumps, after proper treatment of effluent, to avoid overflow in the neighbouring areas. The Company will provide additional effluent pits at its cost within the wellsite or at a site outside the well plinth. The Company shall provide effluent pit line to the entrance gate of the well plinth, However, connecting to well site pump with the pit line and pumping to the pit as provided by the Company shall be Contractor's responsibility. Company's representative should be informed immediately about any leak on the said pit line during pumping out of effluent. 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 practicing the procedure followed by OIL. Contractor must ensure that there is no disruption of operation due to sound / noise pollutions.

f) Contractor shall assume all responsibility and liability for erection/ installation and efficient operation of the mobile Effluent Treatment Plant, dismantling prior to ILM for next location and maintaining the sample analysis report for both solid and liquid output conforming to SPCB Standard (desired output of treated effluent, expected effluent characteristics from various sources & test frequency are given below).

PERMISSIBLE LIMIT OF CONSTITUENTS IN OUTPUT OF ETP AS PER SPCB

Sl No.	Parameters	Permissible Limit (not to exceed) SPCB
1	pH	5.5 -9.0
2	Temperature	40° C
3	Suspended Solids	100 mg/L
4	Oil & Grease	10 mg/L
5	Phenolics	1.0 mg/L
6	Cyanides	0.2 mg/L
7	Fluorides	1.5 mg/L
8	Sulphides	2.0 mg/L
9	Chromium (Hexa)	0.1 mg/L
10	Chromium (Total)	1.0 mg/L
11	Copper	0.2 mg/L
12	Lead	0.1 mg/L
13	Mercury	0.01 mg/L
14	Nickel	3.0 mg/L
15	Zinc	2.0 mg/L
16	BOD at 27° C for 3 days	30 mg/L
17	COD	100 mg/L
18	Chlorides	600 mg/L
19	Sulphates	1000 mg/L
20	Total Dissolved Solids	2100 mg/L
21	Percent Sodium	60 mg/L

Name of the sample: Composite sample of drilling mud effluents from Hydro cyclones

Sl. No.	Parameters	Units	Result
1.	Appearance	-	Greyish pourable mud
2.	Total suspended solid	Mg/I	65300
3.	Total Solid	Mg/I	66800
4.	Total Dissolved Solid	Mg/I	1500
5.	M. Value as CaCO3	Mg/I	120
6.	Chloride as Cl	Mg/	85
7.	Sulphate as SO4	Mg/I	1400
8.	Total Iron as Fe	Mg/I	60
9.	Total Chromium as Cr	Mg/I	5.6
10.	Hexavalent chromium as Cr	Mg/I	< 0.1
11.	Vanadium as V	Mg/I	< 0.2
12.	Total Heavy Metals as Pb	Mg/I	< 0.2
13.	Specific Gravity of Mud		1.03

Physio Chemical Characteristic of drilling mud (Waste Water)

Sl. No.	Parameters	Units	Result
1.	Appearance	-	Greyish pourable mud
2.	Total suspended solids	Mg/I	12990
3.	Total Solids	Mg/I	14490
4.	Total Dissolved Solids	Mg/I	1500
5.	M. Value as CaCO3	Mg/I	600
6.	Chloride as Cl	Mg/I	210
7.	Sulphate as SO4	Mg/I	25
8.	Total Iron as Fe	Mg/I	-
9.	Total Chromium as Cr	Mg/I	< 0.02
10.	Hexavalent chromium as Cr	Mg/I	< 0.02
11.	Vanadium as V	Mg/I	< 0.1
12.	Total Heavy Metals as Pb	Mg/I	< 0.2
13.	Specific Gravity of Mud		1.0074
14.	Total Oil	% (m/v)	1.0
15.	Free Oil	% (m/v)	0.8
17.	Emulsified Oil	% (m/v)	0.2
18	BOD at 27^0C for 3 days	mg/l	137
19	COD	mg/l	825

Name of the sample: Sample Collected from vibrating screen

Sl. No.	Parameters	Units	Result
1.	Appearance	-	i. Hard Cake having solid consistency 36%. ii. Lower layer Black uplayer-Gray on dissolution with water in ratio 1.1
2.	Soil to Emulsified mud ratio	-	82:12
3.	Nature of Settling	-	Black mud separates out from emulsified mud in 2 to 4 Hrs.
4.	pH of the upper unsettleable layer	-	7.3
5.	M. Value as CaCO3	mg/I	148
6.	Chloride as Cl	mg/I	95
7.	Sulphate as SO4	mg/I	1650
8.	Iron as Fe	mg/l	68
9.	Total Chromium as Cr	mg/l	6.0
10.	Hexavalent Chromium as cr	mg/l	< 0.2
11.	Vanadium as V	mg/l	< 1.0
12.	Other Heavy Metals as Ph	mg/l	< 1.0

Test Parameters and tentative Frequency of various tests

Sl. No	Parameters	Permissible Limit (not to exceed) SPCB	Daily Testing at Site	Fortnightly Testing offsite by the Contractor
1	pH	5.5 -9.0	Yes	
2	Temperature	40° C	Yes	
3	Suspended Solids	100 mg/L	Yes	
4	Oil & Grease	10 mg/L	Yes	Yes
5	Phenolics	1.2 mg/L	Yes	
6	Cyanides	0.2 mg/L		Yes
7	Fluorides	1.5 mg/L		Yes
8	Sulphides	2.0 mg/L		Yes
9	Chromium (Hexa)	0.1 mg/L	Yes	
10	Chromium (Total)	1.0 mg/L		Yes
11	Copper	0.2 mg/L		Yes
12	Lead	0.1 mg/L		Yes
13	Mercury	0.01 mg/L		Yes
14	Nickel	3.0 mg/L		Yes
15	Zinc	2.0 mg/L		Yes
16	BOD at 27° C for 3 days	30 mg/L		Yes
17	COD	100 mg/L	Yes	
18	Chlorides	600 mg/L	Yes	
19	Sulphates	1000 mg/L	Yes	
20	Total Dissolved Solids	2100 mg/L	Yes	
21	Percent Sodium	60 mg/L		Yes

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 Company shall use the Drilling units/tools with the Services under the Contract in the PEL/ML areas renewed / issued to Company after 1.4.1999 and therefore, as specified in List -33 under Sl. No 404 of table (condition No. 48) of Notification No. 50/2017- Customs dated 30.06.2017 for items imported in connection with petroleum operations under this Contract would attract zero customs duty. Company will issue Recommendatory Letter to Directorate General of Hydrocarbons (DGH), Ministry of Petroleum & Natural Gas, as per Government guidelines for issuance of Essentiality Certificate (EC) from Directorate General

of Hydrocarbons, to enable the Contractor to import goods at concessional (Nil) customs duty so as to provide the services under this Contract provided these goods are specified in the List- 34 of the aforesaid Notification**.**

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 make 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 (Port of Importation in India) 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.

12.6 **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.

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

12.6.2 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.

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

13.0 CONFIDENTIALITY:

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.

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

13.2 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.

13.3 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.

14.0 RIGHTS AND PRIVILEGES OF THE COMPANY: Company shall be entitled-

14.1 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 Section - II 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.

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

14.3 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.

14.4 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.

14.5 To order suspension of operations at Nil Day Rate while and whenever:

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

14.6 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.

15.0 EMERGENCY:

15.1 Without prejudice to Clause 10.4 hereof Company shall be entitled in emergency (the existence of which shall be determined by Company) at its own discretion, to take over the operations of the Drilling 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.

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

15.3 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 OIL.

16.0 DURATION: The contract will remain in force for an initial period of **03 (three) years** from the date of commencement. However, the rates, terms and conditions shall continue until the completion or abandonment of the last well being drilled and completion of testing operation. The contract will also have a provision for further **extension by 01 (one) year** or part there off on same rates, terms and conditions at the option of Company.

16.1 **FIRM PRICE:** The rates payable under this Contract, shall be firm during the Contract period including the extension period, if any, under Clause 1.2.10 of the Section-I 'General Conditions of Contract'.

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

18.0 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 8.0 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.

19.0 INTER-LOCATION RIG MOVEMENT (ILM) STANDARD:

19.1 Time allowed for inter-location movement of entire rig package for a distance upto thirty (30) Kms shall be Sixteen(16) days. For more kilometerage, 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 ten (10) days.

19.2 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.

19.3 The ILM charge shall be discounted by 5% for each day's delay beyond the standard, as stipulated in 19.1 above of total cost for inter-location movement rate payable for that particular rig movement, when the rig move is delayed beyond the standard.

20.0 PREVENTION OF FIRE AND BLOWOUTS:

20.1 Contractor shall use the BOP equipment as specified in this Agreement, on all strings of casing unless otherwise directed by the Company. 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 OIL's Representative about the well condition and finally well shall be killed after mutual discussion with Company's representative.

20.2 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.

20.3 The Contractor shall conduct testing of the BOPs as per OMR &/or OISD Std. RP174. Contractor shall record results of all such tests in the daily drilling report.

20.4 Contractor shall use all reasonable means to keep the hole and all strings of casing filled with drilling fluid at all times.

21.0 **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.

22.0 **DISCIPLINE:** Contractor shall carry out operations hereunder with due diligence and in a safe and workman like manner according to good international oilfield practices. 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 10 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 30.0 mentioned below, until such replacement has been provided. The person/s so removed shall not be employed again without the prior written consent of the Company. Contract 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.

23.0 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. Supply of water from any alternate sources shall be the sole responsibility of the Contractor, if no water is found at the exact camp or well site.

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 rectified.

iv) Arrangements have to be made for pumping effluents into the nearest dry pit as provided by the Company in case of emergency. Company shall provide effluent pit line to the entrance gate of the well plinth.

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.

24.0 COMPREHENSIVE 'HSE' GUIDELINES:

24.1 The Contractor shall be solely responsible to comply all the statutory norms as applicable while executing the job. It will be solely the Contractor's responsibility to fulfill 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 of all HSE laws by the sub-contractors. It will be 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 representative of OIL.

24.2 The Contractor engaged for any electrical installation, maintenance, repairs etc., should possess a valid electrical Contractor license issued by the State Electricity Licensing Board and engage adequate number of competent electrical personnel.

All the Competent persons shall have appropriate Work Permit/ Supervisory License issued by State Electricity Licensing Board. It shall be included in Terms and Conditions of contract agreement/NIT (Notice Inviting Tender) and shall be ensured by the OIL Engineer in charge.

24.3 The Contractor shall ensure complete safety of the personnel engaged by him, and of all the equipment, they will handle and must take full responsibility for their safety.

24.4 Contractor's arrangements for health and safety management shall be consistent with those for the company (OIL).

24.5 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 Actor omissions at work.

24.6 The Contractor should frame a mutually agreed bridging document between OIL & the Contractor for all issues not envisaged under the terms and conditions of the contract with the roles and responsibilities clearly defined.

24.7 Statutory forms to be maintained in respect to Mines Act, 1952, Mines Rules 1955, Oil Mines Regulations 2017, the Environment (Protection) Act-1986 and other applicable laws.

24.8 The Contractor, wherever applicable, shall obtain necessary hazardous waste authorization from the Stat Pollution Control Board for storage, handling and disposal of hazardous waste.

24.9 As per DGMS circular & Gazette Notification for maintenance of register as required by the Mines Act1952 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.

24.10 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 work persons, Number of work persons deployed, how many work hold VT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons.

24.11 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.

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

24.13 The health check-up of Contractor's personnel is to be done by the Contractor in OIL empaneled Hospital and the reports and statutory forms as applicable to be vetted from the OIL authorized Medical Officer. The frequency of periodic medical examinations should be every five years for the employees up to 45 years of age and every three years for employees of 45 years of age and above. Initial Medical Examination should be in line with the standard followed by OIL.

24.14 All persons deployed by the Contractor for working in a mine must undergo Mines Vocational Training, initial medical examination and Periodic Medical

Examination (if required). 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.

24.15 Every person deployed by the Contractor must use appropriate PPEs (Personal Protective Equipment) to be provided by the Contractor. The Contractor shall provide Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement and company's PPE schedule. Safety appliances like protective footwear, Safety Helmet and Full Body harness, Fall Prevention Devises (FPD) shall conform to relevant IS codes. Necessary supportive document shall have to be available at site as proof. If the Contractor fails to provide the safety items as mentioned above to the working personnel, the Contractor may request to the Company (OIL) for providing the same. In case of exigency OIL will provide the safety items if available. However in turn, OIL will recover the actual cost of the items by deducting from Contractor's Bill. 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. Contractor employees should be trained in the proper use and maintenance of PPE. In absence of appropriate PPEs, the representative of OIL has the right to stop the work which will be binding for the Contractor. Moreover, the accountability towards any delay in work/ penalty due non-adherence to PPE shall be binding to the Contractor.

24.16 Soft copy of the Standard Operating Procedures (SOPs) related to scope of work shall be handed over to the representative of OIL by Contractor including an assessment of risk, wherever possible and safe methods to deal with it/them. Printout of copy (spiral binding) of the SOP mentioned above is to be kept with all working teams at all times. The SOP clearly stating the risk arising to men, machineries & material from the mining operation / other operations to be done by the Contractor and how it is to be managed. However; in case of any doubts, the Contractor shall reconfirm the same from the Engineer In Charge (OIL).

24.17 Contractor has to ensure that all work is carried out in accordance with the Statute and the 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 the work which is not covered under SOP, the Contractor shall develop it and submit to the representatives of OIL.

24.18 In case of deviation of SOP or non-availability of SOP, Job Safety Analysis (JSA) shall be carried out before commencement of the work.

24.19 Necessary cold and hot work permits including excavation clearance and permission for working at height, Confined Space Entry as applicable are to be obtained by the competent person of the Contractor from the site representative of OIL before start of the job(s). Work Permit System should be inline as per guidelines issued by HSE Department

24.20 Necessary facilities for monitoring the levels of parameters in respect of Methane, Oxygen, Hydrogen Sulphide and Carbon Monoxide should be provided at mines. Portable multi-gas detector (LEL/O2/CO/H2S) and FLP torch light to be made available at site.

24.21 The Contractor's personnel should be aware about the existing as well as probable hazards and ensured their training to tackle such untoward events by the Contractor. If the Company (OIL) arranges any safety awareness program / training for the working personnel at site (company employee, Contractor worker, etc.) the Contractor will not have any objection to any such training.

24.22 The Contactor personnel shall arrange daily meeting and monthly pit level meeting headed by the OIL Engineer and maintain records accordingly. Safety Briefing, Evacuation plan in case of emergency and how to inform (in case of emergency) to be discussed during the Tool Box meeting. 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.

24.23 After receipt of the work order the Contractor shall have to submit authorized list of Contract Personnel, who will be engaged for the jobs including name of the Contractor's competent persons and every contact details. No person shall be engaged in any job in a mine unless his competency has been assessed and approved by the OIL Engineer In Charge..

24.24 The Contractor shall not engage minor laborer below eighteen (18) years of age under any circumstances.

24.25 OIL will communicate all information to the Contractor or his authorized representative only.

24.26 The Contractor shall have to report all incidents including near miss to the representative of OIL who shall be supervising the Contractor's work.

24.27 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.

24.28 Any compensation arising due to accident of the Contractor's personnel while carrying out the job, will be payable by the Contractor and their medical treatment/ facilities in case of accidents should be provided by the same Contractor. The Contractor's personnel should be aware about the existing as well as probable hazards and ensured their training to tackle such untoward events by the Contractor.

24.29 Contractor shall keep a reasonable degree of order by disposing of accumulated rubbish and excess material. Disposal of solid wastes generated by the Contractor shall be in accordance with the company's Procedure for Solid Waste Management. The Contractor Personnel have to take every possible care to keep the environment clean and free from pollution.

24.30 The Contractor have to ensure the quality and reliability of all the tools, equipment and instruments they use. The supporting documents relevant to prove the above should be submitted. Defective tools shall be immediately removed.

24.31 The Contractor should prevent the frequent change of his deployed employees as far as practicable. The Contractor shall not employ or terminate his worker without the knowledge of the OIL engineer in charge. However, if OIL Engineer In Charge found any person not appropriate to with respect to job, the Contractor

has to remove the person and replace a suitable person within the timeline as per the terms of the Contract.

24.32 Contractor's Supervisor/ Contractor's personnel needs to be aware about the site specific emergency response plan (which includes display of emergency contact nos., establish telephone communication, layout of working area, use of fire extinguisher, emergency exit, assembly point).

24.33 All Lifting equipment of the Contractor like Crane etc. shall have to be duly calibrated. Calibration Certificate of this equipment shall have to be submitted to the representatives of OIL and a copy of the same to be made available at site.

24.34 Necessary sign-board / warning signals like caution, "hot work" in progress, emergency telephone numbers, no entry without permission etc. should be used while working on tanks. The said signals / sign-boards shall have to be arranged by the Contractor and shall be in line with the circular of signboards issued by HSE Department, Oil India Limited.

24.35 Barricading of area to be done with reflecting tapes as applicable during work.

24.36 The First-Aid box should be provided by the Contractor and the same has to be kept ready to use at the site throughout the working hours.

24.37 The availability of First-Aid Fire Fighting equipment should be ensured by the Contractor at all working hours.

24.38 Smoking is prohibited in all Company restricted areas except in authorized smoking areas/ shelters. Carrying of matches and lighters into the Hazardous Area is prohibited. Cellular phones shall not be used in operating areas / hazardous areas unless they have been classified as 'intrinsically safe' for use in that atmosphere. Consumption of alcohol and possession of non- prescribed drug in Company work site is strictly prohibited.

24.39 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.

24.40 The Contractor personnel should understand the implication of the known hazards related to the work undertaken by them and the necessity of having an emergency plan approved by OIL to counter them, if anything goes wrong.

24.41 In case Contractor is found non-compliant of HSE laws as required and all the above mentioned general HSE points, 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 as per the terms of the Contract.

24.42 Considering the ongoing Covid-19 pandemic, those who are engaged in the above operations should be followed the Covid-19 Protocol as per the prevailing Government Guidelines.

24.43 Any requirement arise by the Statutory Authorities during the period of contract shall be applicable and binding for the Contractor.

25.0 EFFLUENT PIT BUNDS:

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

ii) The bunds/walls of the effluent pit are to be checked for any breaches during the operation and the same are to be informed to the Company and repaired immediately.

26.0 COLLECTION OF USED/ BURNT LUBE OIL:

The used lube oils are to be collected separately in drums. Floating burnt oil, if any, in the effluent pit has to be lifted and collected into drums immediately.

27.0 MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MOEF & CC) GUIDELINES:

27.1 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).

27.2 The DG sets shall have suitable acoustic enclosures to contain the noise level within the CPCB specified limits. The Contractor shall regularly measures 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.

27.3 To prevent well blowouts, during drilling operations, Blow out Preventer (BOP) system shall be installed. Blow out preventing measures during drilling shall be focused on maintaining well bore hydrostatic pressure by proper pre well planning and drilling fluid design etc.

27.4 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 of 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.

27.5 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).

27.6 The test and monitoring reports of the treated effluents, both for liquid and solid effluents in compliance of the CPCB norms and duly acknowledged by the SPCB, shall be submitted in every fortnight.

27.7 Water withdrawal and consumption details shall be recorded/monitored and report shall be submitted in every month.

27.8 A separate environment management cell shall be set up to carry out environment

management and monitoring functions.

28.0 Records & Documents to be maintained at well site: 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

29.0 CIVIL ENGINEERING WORK: 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:

a) Rig layout drawing clearly indicating areas where road / hard standing is required.

b) Substructure foundation design and detailed working drawing.

c) Cellar foundation design and detailed working drawing. Also, indicate maximum allowable cellar foundation size.

d) Structural configuration and load distribution of the rig package/ equipment.

e) Detailed design and working drawing of any other equipment requiring cement concrete/reinforced cement concrete foundation

f) Details dimension of the Dyke Enclosure around HSD tanks. The volume to be contained should be as per OISD-STD-118

g) 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.

h) Additional civil work involvement, if any.

30.0 <u>PENALTIES</u>:

In the event of the Contractor's failure to strictly adhere in providing the requirements as per Scope of Work, the penalty shall be levied at the following rates:

Sl. No.	Category	Penalty
1.	**SAFETY:** Non-compliance 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**

2.	**DEFICIENCY:** In the event of the Contractor's failure to strictly adhere in providing the minimum requirements of key personnel as set out under Clause 4.9 (O) of Part-3, Section-II the penalty shall be levied at the following rates.	
	a) Failure to provide any of the following: • Rig Manager / Rig Superintendent • Tool pusher • Tour Pusher / Night Tool Pusher	**At the rate of 5% of the respective day rate for each person**.
	b) Failure to provide Driller and/or Asstt. Driller c) Failure to provide other key personnel excepting those mentioned in a) & b) above	**At the rate of 3% of the respective day rate for each person.** **At the rate of 3% of the respective day rate for each person.**
	NOTE: 1. The above penalty rates are applicable for the first seven (07) 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 (07) days, the penalty will be levied at double the rates mentioned above for each day for non-availability of any key personnel. 3. NIL day rate will be applicable if operation is suspended for non-availability of key personnel.	
3.	**ILM:**	The ILM charge shall be **discounted by 5% for each day's delay beyond the standard**, as stipulated in Clause 19.0 & it's sub-clauses under Part-3, Section-III (SCC).
4.	**Inoperative Rig Equipment:**	
4a.	Top Drive System	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 reduced to 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.	
4b.	ETP	**Zero-rate** will be applicable if OIL decides not to continue operation due to non-function of the ETP. However, if OIL decides to continue operation without ETP and/or operation of the ETP not meeting the scope fully (as per clause no. 4.7 (H) under Part-3,Section-II(Scope of work)), then all the day rates during the first five (5) days will be slashed to 95% of respective day rates. Beyond five (5) days the rates will be further slashed to 85% of respective day rates till ETP is fully functional.

31.0 GOODS AND SERVICES TAX:

31.1 In view of GST Implementation from 1st July 2017, all taxes and duties including Excise Duty, CST/VAT, Service tax, Entry Tax and other indirect taxes and duties have been submerged in GST. Accordingly reference of Excise Duty, Service Tax, VAT, Sales Tax, Entry Tax or any other form of indirect tax except of GST mentioned in the bidding document shall be ignored.

31.2 Bidders are required to submit copy of the GST Registration Certificate while submitting the bids wherever GST (CGST & SGST/UTGST or IGST) is applicable.

31.3 "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.

31.4 Quoted price/rate(s) should be inclusive of all taxes and duties, except GST (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively and cess on GST if applicable) on the final service. However, GST rate (including cess) to be provided in the respective places in the Price Bid .Please note that the responsibility of payment of GST (CGST & SGST or IGST or UTGST) lies with the Supplier of Goods/Services (Service Provider) only .Supplier of Goods/Services (Service Provider) providing taxable service shall issue an Invoice/Bill, as the case may be as per rules/regulation of GST. Further, returns and details required to be filled under GST laws & rules should be timely filed by Supplier of Goods/Services (Service Provider) with requisite details.

31.5 Bidder should also mention the Harmonised System of Nomenclature (HSN) and

Service Accounting Codes (SAC) at the designated place in SOR.

31.6 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.

The input tax credit of GST quoted shall be considered for evaluation of bids, as per evaluation criteria of tender document.

31.7 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.

The bids will be evaluated based on total price including GST.

31.8 Payments to Service Provider for claiming GST amount will be made provided the above formalities are fulfilled. Further, OIL may seek copies of challan and certificate from Chartered Accountant for deposit of GST collected from OIL.

31.9 Contractor/Contractor shall be required to issue tax invoice in accordance with GST Act and/or Rules so that input credit can be availed by OIL. In the event that the contractor/Contractor fails to provide the invoice in the form and manner prescribed under the GST Act read with GST Invoicing Rules there under, OIL shall not be liable to make any payment on account of GST against such invoice.

31.10 GST shall be paid against receipt of tax invoice and proof of payment of GST to government. In case of non-receipt of tax invoice or non-payment of GST by the contractor/Contractor, OIL shall withhold the payment of GST.

31.11 GST payable under reverse charge mechanism for specified services or goods under GST act or rules, if any, shall not be paid to the contractor/Contractor but will be directly deposited to the government by OIL.

31.12 Where OIL has the obligation to discharge GST liability under reverse charge mechanism and OIL has paid or is/liable to pay GST to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to OIL or ITC with respect to such payments is not available to OIL for any reason which is not attributable to OIL, then OIL shall be entitled to deduct/setoff/recover such amounts against any amounts paid or payable by OIL to Contractor/Supplier.

31.13 Notwithstanding anything contained anywhere in the Agreement, in the event that the input tax credit of the GST charged by the Contractor/Contractor is denied by the tax authorities to OIL for reasons attributable to Contractor/ Contractor, OIL shall be entitled to recover such amount from the Contractor /Contractor by way of adjustment from the next invoice. In addition to the amount of GST, OIL shall also be entitled to recover interest at the rate prescribed under GST Act and penalty, in case any penalty is imposed by the tax authorities on OIL.

31.14 TDS under GST, if applicable, shall be deducted from contractor's/Contractor's

bill at applicable rate and a certificate as per rules for tax so deducted shall be provided to the contractor/Contractor.

31.15 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.

31.16 It is the responsibility of the bidder to quote the correct GST rate. The classification of goods/services as per GST (Goods & Service Tax) Act should be correctly done by the contractor to ensure that input tax credit on GST (Goods & Service Tax) is not lost to the OIL on account of any error on the part of the contractor.

31.17 In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference and in case the rate of duty/taxes finally assessed is on the lower side.

31.18 Notwithstanding anything mentioned elsewhere in the Bidding Document the aggregate liability of OIL towards Payment of Taxes & Duties shall be limited to the volume of GST declared by the bidder in its bid & nothing shall be payable extra except for the statutory variation in taxes & duties.

31.19 Further, it is the responsibility of the bidders to make all possible efforts to make their accounting/IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.

31.20 GST liability, if any on account of supply of free samples against any tender shall be to bidder's account.

31.21 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.

31.22 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.

31.23 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.

31.24 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.

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

31.26 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.

31.27 In case the bidder is covered under Composition Scheme under GST laws, then bidder should quote the price inclusive of the GST (CGST & SGST/UTGST or IGST). Further, such bidder should mention "Cover under composition system" in column for GST (CGST & SGST/UTGST or IGST) of price schedule.

31.28 OIL will prefer to deal with registered supplier of goods/services under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet. However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid. Where OIL is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

31.29 Procurement of Specific Goods: Earlier, there is no tax incidence in case of import of specified goods (i.e. the goods covered under List-34 of Customs Notification no. 12/2012-Cus dated. 17.03.2012 as amended). Customs duty is not payable as per the policy. However, under GST regime, IGST Plus GST compensation cess (if applicable) would be leviable on such imports. Bidders should quote GST as inclusive considering IGST component for the imported Materials portion while quoting their prices on destination basis. However, GST rate to be specified in the price bid format.

31.30 Documentation requirement for GST:

The Contractor will be under the obligation for invoicing correct tax rate of tax/duties as prescribed under the GST law to OIL, and pass on the benefits, if any, after availing input tax credit.

Any Invoice issued shall contain the following particulars:

a) Name, address and GSTIN of the supplier;
b) Serial number of the invoice;
c) Date of issue;
d) Name, address and GSTIN or UIN, if registered of the recipient;
e) Name and address of the recipient and the address of the delivery, along with the State and its code,
f) HSN code of goods or Accounting Code of services [SAC];
g) Description of goods or services;
h) Quantity in case of goods and unit or Unique Quantity Code thereof;
i) Total value of supply of goods or services or both;
j) Taxable value of supply of goods or services or both taking into discount or abatement if any;

k) Rate of tax (IGST, CGST, SGST/ UTGST, cess);
l) Amount of tax charged in respect of taxable goods or services (IGST, CGST, SGST/UTGST, cess);
m) Place of supply along with the name of State, in case of supply in the course of interstate trade or commerce;
n) Address of the delivery where the same is different from the place of supply and
o) Signature or digital signature of the supplier or his authorised representative.

GST invoice shall be prepared in triplicate, in case of supply of goods, in the following manner:

i) The original copy being marked as ORIGINAL FOR RECIPIENT;
ii) The duplicate copy being marked as DUPLICATE FOR TRANSPORTER and
iii) The triplicate copy being marked as TRIPLICATE FOR SUPPLIER.

In case of any advance given against any supplies contract, the supplier of the goods shall issue Receipt Voucher containing the details of details of advance taken along with particulars as mentioned in clause no. (a), (b), (c), (d), (g), (k), (l), (m) & (o) above.

31.31 **Anti-profiteering clause**: 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. The Supplier of Goods/Services may note the above and quote their prices accordingly.

31.32 In case the GST rating of Contractor on the GST portal/Govt. official website is negative/black listed, then the bids may be rejected by OIL. Further, in case rating of bidder 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 Contractor and shall also be entitled to deduct/recover such GST along with all penalties/interest, if any, incurred by OIL.

32.0 NOTICES:

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

Company

For technical and contractual matters:

Executive Director (BM-Frontier)
OIL INDIA LIMITED
PO DULIAJAN - 786602
ASSAM, INDIA
Email: indrajitbarua@oilindia.in
Ph. No. 0374-280-7458

c) **Contractor**

_____

_____

Fax No. :

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

33.0 GENERAL OBLIGATION OF CONTRACTOR RELATED TO PAYMENT OF WAGES:

33.1 The Contractor shall also have to comply with all types of labour wages rates applicable in Assam and Arunachal Pradesh for unskilled, semi-skilled, skilled and highly skilled labourers employed locally or by the Contractor's sub-Contractors throughout the period of the contract.

33.2 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.

33.3 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.

33.4 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.

33.5 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.

33.6 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.

33.7 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.

33.8 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.

33.9 An additional allowance of INR 2,250.00 per month shall be payable by the Contractor to the contract labours 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.

33.10 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.

END OF SECTION-III

Part-3
SECTION-IV
SCHEDULE OF RATES (SOR)

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 (for each rig) 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)

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 (including ETP) 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 the entire equipment of rig package, stores and crew to the first drilling location of the Company.

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 (EC) 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 shall be payable only when all materials, equipment and crew are mobilized at site and the well is actually spudded-in under the Contract at the designated first drilling location and duly certified by Company's Engineer.

1.5 **The mobilization charges** for the rig package should not exceed 7.5% (seven and half percent) of **50% of the total estimated Contract cost** including Mobilization charges. However, mobilization charges if quoted in excess of 7.5 % of 50% of the total estimated Contract cost including Mobilization charges, the excess amount shall be paid at the end of the contract.

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, 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 including re-export/block transfer etc., if any.

2.4 All Day Rates/Charges of the Rig package/operation shall cease to exist with effect from the date and time or event as to be specified by Company in the Demobilization Notice. No charges whatsoever will be payable thereafter.

2.5 **The Demobilization Charges** should not be less than 2% (two percent) of the estimated total Contract cost. In case de-mobilization charges is quoted less than 2% of the estimated total Contract cost, 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 HRS./DAY): (ODR)

3.1 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 rat & mouse holes and setting of scabbard, mouse hole pipe and grouting of false conductor (Grouting of the false conductor including supply of the false conductor & civil-materials will be responsibility of OIL. However, Sizing/fabrication work or any other associated job is to be done by the Contractor) till the rig is released for move to the next location i.e. during the following operations:

- Drilling
- Tripping
- Coring (taking core)
- Circulating
- Reaming, conditioning hole, hole opening
- Fishing
- Making up & breaking down of any tubular viz. drill pipe, heavy wt. drill pipe, drill collars, tubings, etc.
- Drilling out / clean out cement, collar, shoe, bridge plug
- Tripping of production string
- Casing running & cementing
- Casing retrieving
- Mixing & conditioning of mud with Contractor's drill pipe in the hole
- Well killing / controlling
- Any other operation normally required for well completion

4.0 STANDBY DAY RATE (PER 24 HRS./DAY): (SDR)

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

- Waiting on cement
- Assembling and dis-assembling of BOP and well head hook-up including testing.
- Electric logging and wire line operations (both open and cased hole)
- Production testing
- Waiting on order
- Waiting on company's equipment, materials and services.
- For all time during which the company at its option may suspend operations.
- Waiting for day light for certain production testing operation.

4.2 Standby Day Rate shall be 90% (Ninety percent) of the Operating Day Rate (ODR) for the rig package.

5.0 <u>RIG REPAIR DAY RATE (PER 24 HRS./DAY):</u> (RRDR)

5.1 The Rig 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 Rig 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 Rig Repair Day Rate will be applicable for the initial 30 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. changing swivel wash pipe packing, 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 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, Rig Repair Day Rate shall be payable for the time taken in excess of 30 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 Rig Repair Day Rate shall be 50% (Fifty percent) of the Operating Day Rate (ODR) for the rig package**.

6.0 **<u>INTER LOCATION MOVEMENT (ILM) RATE:</u>**
(ILM)

6.1 Depending on the distance between the locations, separate rates will be applicable for the rig package as mentioned below:

- **a.** **Fixed Charge (Lumpsum) for Cluster location** (Movement of mast and substructure etc. only on the same plinth). The spacing between wells at surface in cluster well plinth is around 18 m. **(ILM 0)**
- **b.** **Fixed Charge (Lump-sum)** per rig move up to 30 Kms. **(ILM 1)**
- **c.** **Per Kilometre charges** for rig movement in excess of 30 Km. **(ILM 2)**

(In case the distance for ILM between two locations exceeds 30 Km, then lump sum fixed charges as per "b" above for the initial 30 Kms will be payable and ILM charges for the remaining distance in excess of 30 Km will be calculated/paid at the rate per Km as per "c" above).

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 etc., drilling and setting scabbards of mouse & rat hole, grouting of false conductor as defined under clause 3.1 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 19.0 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, 8.0 & 11.0 hereof will not be payable when inter-location move rate is applicable.

7.0 FORCE MAJEURE DAY RATE (PER 24 HRS./DAY): (FMDR)

7.1 The Force Majeure Day Rate shall be payable during the first 15 (fifteen) days period of 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 shall be 50% (Fifty percent) of Operating Day Rate (ODR) for the rig package**.

8.0 STACK DAY RATE (PER 24 HRS./DAY): (STDR)

The Stack Day Rate shall be payable when the Drilling Unit and other Contractor's Equipment is stacked in accordance with Clause 18.0 of Section- III 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 when the Company issues notification to commence the operations. The Contractor shall make the Drilling Unit ready to recommence Drilling Operations within 05 (five) days after the notification from Company to commence the operations. Stack Day Rate shall apply maximum up to 05 (five) days after the issuance of Notification from the Company to commence the operations. After 05 (five) days, no rates will be applicable till the time the Drilling Unit is made ready to recommence 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) Should "Stack Day" condition as stated above occurs the Company shall review the condition/situation during initial 90 days of stack day rate and shall decide further course of action.

iv) **Payment towards Stack Day Rate shall be 50% (Fifty percent) of Operating Day Rate for the rig package.**

9.0 **NIL DAY RATE: (NDR)**

9.1 Nil day rate (NDR) 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.

9.2 NIL day rate (NDR) shall be applicable in case of Force Majeure conditions continue beyond successive 15 days as mentioned in Force Majeure Clause 31. In GCC

9.3 Nil day rate (NDR) 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.

10.0 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.**

GENERAL NOTE:

i) 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**.**

ii) Bidders should indicate name and address of their Indian agent and the percentage of agency commission payable, if any. Such agency commission involved, if any, should be included in the quoted rates. In case no Indian agent commission is involved then it should be shown as "NIL".

iii) Bidder should submit the list of items with CIF value to be imported into India in connection with execution of this contract as per **Proforma- A.**

iv) From the **Proforma-A**, bidder should 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 should be shown in the "PRICE FORMAT" as CIF (RE-EX).

v) Similarly, from the **Proforma-A**, bidder should 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 should be shown in the "PRICE FORMAT" as CIF (CONSUMABLES).

11.0 EFFLUENT TREATMENT PLANT DAY RATE: (ETP-DR)

Effluent Treatment Plant (ETP) is a statutory requirement and essential for management of effluents in a drilling site. Following situations and related rates shall be payable when ETP is operated satisfactorily meeting all the standards.

1) ETP is expected to run during all the operations in the drilling site starting from spud-in to rig release. A 100% (hundred percent) of all applicable day rates under

para 3.0, 4.0 & 5.0 as mentioned above will be payable only when ETP runs in parallel throughout the day.

3) **Zero-rate** will be applicable if OIL decides not to continue operation due to non-function of the ETP. However, if OIL decides to continue operation without ETP and/or operation of the ETP not meeting the scope fully (as per clause no. 4.7 (H) under Part-3, Section-II(Scope of work)), all the applicable day rates during the first five (5) days will be reduced to 95% of respective day rates. Beyond five (5) days the rates will be further reduced to 85% of respective day rates till ETP is fully functional. Calculations shall be done on pro-rata up to the nearest hour basis.

Reasons/ Exceptions for ETP shut down:

a. Shut down due to technical faults up to 30 hours in a calendar month. The balance allowance of 30 hours in a month cannot be carried forward to next month and /or adjusted against any previous months.

b. For all time during which the Company at its option may suspend operations.

3) The Effluent Treatment Plant Day Rate (ETP-DR) shall be 5% (Five percent) of Operational Day Rate and payable only when the ETP is run independently due to Environment related urgencies and when other rig operations are suspended and NIL day rate is in force. ETP-DR shall be payable on pro-rata basis up to the nearest hour of running time.

END OF SECTION-IV
END OF PART-3
&&&&&

PROFORMA-A

LIST OF ITEMS (Equipment, Tools, Accessories, Spares & consumable) TO BE IMPORTED INCONNECTION WITH EXECUTION OF THE CONTRACT SHOWING CIF VALUE

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

(1) The items which are not of consumable in nature and required to be re-exported outside India after completion of the Contract should be indicated as "YES" in column "J".

(2) The items, which are of consumable in nature should be indicated as "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

PRICED BID FORMAT

THE PRICE BID FORMAT IS ATTACHED UNDER "NOTES AND ATTACHMENTS" TAB OF THE OIL's E-TENDER PORTAL

PROFORMA-C

BID FORM

To
M/s. Oil India Limited,
P.O. Duliajan, Assam, India

Sub: IFB No. CNG8561P22

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 as mentioned in the Bid.

We undertake, if our Bid is accepted, to commence the work within (_____) days calculated from the date issue of LOA.

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 _____ 20__.

Authorised Person's Signature: _____

Name: _____
Designation:_____

Seal of the Bidder:

PROFORMA-D

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

1.0 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

* As a sequel to the Pre-Bid Conference, Bidder must submit a **"NIL exception/deviation"** statement along with their Technical Bid.

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 Non-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
……,
……

Tender No.: **CNG8561P22**

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,
FRONTIER BASIN PROJECT
DULIAJAN, ASSAM, INDIA, PIN - 786 602.

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 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: _____

Note:

The Bank Guarantee issuing bank branch must ensure the following:

(a) The Bank Guarantee issued by the bank must be routed through SFMS platform as per the following details:

i) "MT 760 / MT 760 COV for issuance of bank guarantee.

ii) "MT 760 / MT 767 COV for amendment of bank guarantee.

The above message/intimation indicating the Contract No.--------shall be sent through SFMS by the BG issuing bank branch to HDFC Bank, Duliajan Branch; IFS Code – HDFC0002118; SWIFT Code – HDFCINBBCAL; Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex, BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN – 786602.

(b) Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-Scheduled Bank of India shall not be acceptable.

(c) Further correspondence against BG towards Performance Security must contain the Contract Number.

PROFORMA-G

AGREEMENT FORM

This Agreement 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, 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. **CNG8561P22**

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 agreement/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 Agreement 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 agreement 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.

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 Duliajan, Assam 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:
ED-BM(FRONTIER)
Oil India Ltd.,
P.O. Duliajan - 786 602
Assam, India

Sir,

Sub: OIL's IFB No. CNG8561P22

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: _____

ED-BM(FRONTIER)
Oil India Ltd.,
P.O. Duliajan - 786 602
Assam, India

Sir,

Sub: OIL's IFB No. CNG8561P22

We authorise Mr. /Mrs. _____ (Name and address) to be present at the time of opening of the above IFB due on _____ at Duliajan 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

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 **services under Tender No. CNG8561P22.** 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	**For the Bidder/Contractor**
	Witness 1: .....
Date :	
	Witness 2: .....
Place :	

(Note: Uploading in the OIL's E-portal with digital signature will be construed that the same has been signed by the bidder's authorized signatory who has signed the bid).

&&&&

PROFORMA-K

To
ED-BM(FRONTIER)
OIL INDIA LIMITED
DULIAJAN-786602

SUB: SAFETY MEASURES FOR TENDER NO. CNG8561P22

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-L1

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

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 (Rs.) Crores or US $ Million)	**NET WORTH** In INR (Rs.) Crores or US $ Million)

Rate of Conversion (if used any): USD 1.00 = INR.....

Place:
Date:
Seal:

Membership Code:
Registration No. :
Signature

PROFORMA-L2

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 BEC of Tender No. CNG8561P22

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: Please note that any declaration having date after the Bid Closing Date will not be considered and will be rejected. 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-M

Format of undertaking by Bidders towards submission of authentic information/documents

(To be typed on the letter head of the bidder)

Ref. No._____ Date _____

To,
ED-BM(FRONTIER)
OIL INDIA LIMITED
DULIAJAN-786602

Sub: Undertaking of authenticity of information/documents submitted

Ref: Your tender No._____ dated _____

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

UNDERTAKING BY VENDOR ON SUBMISSION OF PERFORMANCE BANK GUARANTEE

To,
The Oil India Limited
Frontier Basin Project
Duliajan – 786 602
Assam

We M/s .....are submitting the performance security in favour of Oil India Limited, Duliajan in the form of bank guarantee bearing reference no. ..... for an amount of INR/USD ..... 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

IFB No. CNG8561P22 ***PROFORMA-O***

To

ED (BM-Frontier)
Oil India Limited
Duliajan-786602

Sub: Undertaking for Mobilization

I, (Name of the firm……) hereby agreed, that I will complete mobilization within **210 (two hundred and ten) days from the date of Mobilisation Notice from OIL after issuance of Letter of Award (LOA).** I, further, declare that equipment and personnel deployed against this contract will be in compliance with vintage criteria and experience respectively specified in the Contract document.

The date on which Contractor's Rig & accessories along with the personnel, tools and equipment etc. are properly positioned at the drilling location, rig up operation is completed and **the well is actually spudded in will be treated as completion of mobilization.**

I am liable for appropriate action as in accordance with the Company's rules in case any of the above information is found to be false.

Authorised Person's Signature: _____
Name: _____
Designation: _____

Seal of the Bidder

PROFORMA-Q

PROFORMA FOR UNDERTAKING FROM THIRD PARTY INSPECTION AGENCY

(To be submitted on official letter head)

TO
M/s OIL INDIA LIMITED
P.O. DULIAJAN-786602
Assam, India

Sir,

SUB: OIL's IFB No. CNG8561P22

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: _____

PROFORMA AGAINST QUALITY AND COST BASED SELECTION

Sl. No.	Quality Criteria	Marks	Bidders to indicate the following	
			Marks claimed by the Bidder	Details of submitted Documents (e.g. Document Ref. No., Pg. No. etc.)
1	**Experience of providing drilling services with Rig of minimum 3000 HP capacity on charter hire basis during last seven (7) years preceding the original bid closing date.**	**10 (Max)**		
(a)	Experience in years ≥ 5	10		
(b)	Experience in years ≥ 3 but < 5	8		
(c)	Experience in years ≥ 1 but < 3	5		
2	**Number of wells drilled with Rig of minimum 3000 HP capacity during last seven (7) years preceding the original bid closing date.**	**10 (Max)**		
(a)	Number of wells drilled ≥ 15 wells	10		
(b)	Number of wells drilled ≥ 10 wells < 15	8		
(c)	Number of wells drilled ≥ 5 wells < 10	5		
3	**Number of high depth (>4500m) wells drilled with Rig of minimum 3000 HP capacity during last seven (7) years preceding the original bid closing date.**	**10 (Max)**		
(a)	depth (>4500m) ≥ 5 wells	10		
(b)	depth (>4500m) ≥ 3 wells < 5 wells	8		
(c)	depth (>4500m) ≥ 1 wells < 3 wells	5		
4	Submission of Bio-data of Rig Manager/s (total 2 Nos.) as per the **format (Annexure-III)** with all required documents meeting the requisite qualification & experience as indicated under **Clause 4.9 (O) a. of SoW**			
4 (i)	**Education Qualification of Rig Manager-1**	**2 (Max)**		
(a)	Engineering Graduate	2		
(b)	B.Sc. or Diploma in Engineering	1		
4 (ii)	**Experience of Rig Manager-1**	**3 (Max)**		
(a)	Oil Field Experience on Drilling Rig **More than 15 years**	3		

Sl. No.	Quality Criteria	Marks	Bidders to indicate the following	
			Marks claimed by the Bidder	Details of submitted Documents (e.g. Document Ref. No., Pg. No. etc.)
(b)	Oil Field Experience on Drilling Rig Between **10 to 15 years**	2		
5 (i)	**Education Qualification of Rig Manager-2**	**2 (Max)**		
(a)	Engineering Graduate	2		
(b)	B.Sc. or Diploma in Engineering	1		
5 (ii)	**Experience of Rig Manager-2**	**3 (Max)**		
(a)	Oil Field Experience on Drilling Rig **More than 15 years**	3		
(b)	Oil Field Experience on Drilling Rig **Between 10 to 15 years**	2		

ANNEXURE-I

Form–1

Date: _____

DRILLING RIG INSPECTION CERTIFICATE

(SEPARATE CERTIFICATE TO BE ISSUED FOR EACH RIG)

(TO BE ISSUED BY BV / DNV / ABS / LLOYDS / OILFIELD AUDIT SERVICES)

FOR OLD RIGS

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.	Purchase Order No. & date	Model /HP/ Capacity/ Pressure Rating	**Present Condition** (Whether meets the tender specification)	Month & Year of manufacture	Residual life (in years)	Remarks of Certifying Agency
4.1 (a)	Mast Make: Model: Capacity in MT: Height from ground level(in Ft):							
4.1 (b)	(b) Sub Structure: Capacity in MT: Height from ground level (in Ft): Clear height under rotary beams (i.e. clearance below rotary table) in ft:							
4.2 (a)	Rig engine: Nos. of engine: Make: Model: H.P.:							
4.2 (b)	Generators: No. of Generators: Make:							

	Model: H.P							
4.2 (c)	Rig Compressors(Cold Start): Make: Model: H.P.:							
4.2 (d)	Rig Compressors (Reciprocating/Screw Type): Make: Model: H.P.:							
4.3 (a)	Draw works: Type: Make: Model: H.P.							
4.3 (b)	Eddy Brake/Disc Brake/Auxiliary Brake:							
4.4	Rotary Table: Make: Model: Static and rotating capacity (in MT): Rotary Table opening (in Inch):							
4.5	Traveling Block: Make: Model: Capacity in MT:							
4.6	Crown Block: Make: Model: Capacity in MT:							
4.7 (a)	Swivel: Make: Model: Capacity in MT: Pressure rating (Kg/sq. cm):							
4.8 (a)	RAM BOPs: Make: Model: Size: Pressure rating: Type: Single / Double Ram Manual locking : (Y/N) Operating Pressure:							
4.8 (b)	ANNULAR BOPs: Make: Model: Size: Pressure rating: Operating Pressure:							

4.8 (c)	BOP Control unit: Make: Model: Accumulator Capacity: Pressure rating: No. of remote controls:							
4.8 (d)	Choke & Kill Manifold							
4.8 (e)	Remote BOP Panel							
4.8 (f)	Remote Choke Panel							
5.1 (a)	Mud Pumps: Make: Model: No. of Pumps: Max Pressure rating: Discharge rate at specified pressure.							
5.1 (b)	Super Charge pump							
5.1 (c)	Linear Motion Shale Shaker							
5.1 (d)	Desander							
5.1 (e)	Desilter							
5.1 (f)	Degasser							
5.1 (g)	Centrifuge							
5.1 (h)	Liner Motion Mud Cleaner							
5.1 (i)	Stand Pipe Manifold							
5.1 (j)	Rotary Hose							
4.11	TOP DRIVE Unit: Make: Model: Capacity in MT: Pressure Rating:							
5.0	Electrical Items viz. alternators, drilling & auxiliary motors, Control PCRs (SCR / VFD house), MCC, cable system, etc.							
6.0	Drilling Instrumentation; a) Weight Indicator Make: Model/Type: Range: b)Drillers Console instruments							

	List of all instruments along with Make, Model & Range c)Advanced Instrumentation System Make: Model: d) Online Gas Monitoring System Make: Model: e) Rig Intercom System Make: Model							
7.0	Overall Rig Package							

Certification:

i) NDT of Mast & Substructure:
ii) Refurbishment, if any, with date and details of refurbishment.

The rig after due inspection, is found in good operating / working conditions.

To be digitally signed by Bidder's Authorized signatory

Note:

(1) For the rig / equipment already in existence, the above certificate shall be given by third party inspection agency namely BV/DNV/ABS/ LLOYDS/ OILFIELD AUDIT SERVICES 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 either along with the techno-commercial bid or at least one day prior to price bid opening (with confirmation in techno-commercial bid). Bidders failing to provide the certificate as above will not be considered for price bid opening/award of contract.

*****

ANNEXURE–II

RESPONSIBILITY MATRIX FOR EACH DRILLING RIG SERVICES

The equipment machinery, tools, materials supplies, instruments, services and labour, including but not limited to those listed at the following terms shall be provided at the location by the COMPANY or the CONTRACTOR and the expenses of COMPANY or CONTRACTOR as designated hereunder by **'X'** mark in the appropriate column.

'C' – Contractor 'O' – OIL/Company

Sl. No.	I T E M	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	Required licenses, permits, certificates of financial responsibility and clearances to enter and depart from drilling location	**X**		**X**	
5	Transportation for Contractor's Items and its subcontractor's item and personnel.	**X**		**X**	
6	Duties, fees, licenses, pilotage fees, wharf age fees, harbour 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**	
7	Insurance as provided in the Contract.	**X**		**X**	
8	Passports and visas for Contractor's Personnel	**X**		**X**	
9	Work permits for Contractor's Personnel.	**X**		**X**	
10	Labour license and all regulatory requirements as per DGMS, Labour Law for Contractor's personnel.	**X**		**X**	
11	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**	
12	Corporate registration, documentation and fees for Contractor in India required solely for the performance of this Contract	**X**		**X**	
13	Clearance of Contractor's Equipment through Indian Customs (EC to be provided by Operator)	**X**		**X**	
B. GENERAL-II					
1	Base / Well site camp complete in all respects.	**X**		**X**	
2	Accommodation and food for all of Contractor's personnel and up to 21 Company and Company's third party personnel per day.	**X**		**X**	

Sl. No.	I T E M	At Expense of		Supplied by	
		C	O	C	O
3	Accommodation and food for Company's personnel and Company's third party personnel in excess of 21 per day.		X	X	
4	Potable water for rig site and camp site.	X		X	
5	Loading and offloading Company's and Company's third party's equipment and materials at rig site	X		X	
6	Transportation of Company's 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 equipments.	X		X	
10	Electricity and air supply to Company and Company's third party's Equipments	X		X	
11	All housekeeping services and supplies	X		X	
12	First aid medical attention by a qualified medic for all personnel.	X		X	
13	Emergency medical treatment for Contractor's, Company's and Company's third party'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	
17	Welding for Company's third party's work within a reasonable request. (Note: Welding for Company's third party's work beyond a reasonable request shall be mutually agreed between both the Parties)	X		X	
C. RIG & EQUIPMENT-I					
1	Complete Drilling Rig Package with ETP	X		X	
2	BOP Handling System	X		X	
3	BOP, Spools, flanges, its attachments & spares	X		X	
4	BOP testing equipment and accessories	X		X	
5	Choke & kill unit & connections	X		X	
6	Diverter system	X		X	
7	Kill pump, tank, lines and attachments	X		X	
8	All Solid control equipment	X		X	
9	Degasser, Poor Boy Degasser (Mud Gas Separator)	X		X	
10	BOP Control Unit and accessories	X		X	
11	All Drill pipes, drill collars, HWDPs.	X		X	
12	Lifting subs	X		X	
13	All sizes & capacities of elevators, slips, tongs, safety clamps for handling drilling & tubing string.	X		X	

Sl. No.	I T E M	At Expense of		Supplied by	
		C	O	C	O
14	All sizes & capacities of elevators, slips, tongs (manual & hydraulic), for handling casing & Liner string including spider slip & elevator	X		X	
15	Kelly (s)	X		X	
16	Rotary substitutes of all sizes	X		X	
17	Stabilizers & Hole openers	X		X	
18	All Fishing tools & their spares	X		X	
19	Kelly spinner	X		X	
20	Drill pipe spinner	X		X	
21	Elevator links	X		X	
22	Bit breaker, casing thread protector, nozzle gauge, stabilizer gauge & bit gauge	X		X	
23	Air winch (s)	X		X	
24	Drilling jars, safety joints and all fishing tools such overshots, spear, RCJB, Junk subs, fishing magnets, impression blocks, junk mills, ditch magnet, etc. with spares / consumables / replacement parts.	X		X	
25	Casing scrappers / rotoverts	X		X	
26	Circulating heads & FOSV	X		X	
27	Poor boy swivel	X		X	
28	Mud basket	X		X	
29	Back pressure valves	X		X	
30	Risers	X		X	
31	Complete set of tools & wrenches	X		X	
32	Flow nipple & flow branch	X		X	
33	Gauging water pump	X		X	
34	All kind of mud agitators & mud guns	X		X	
35	On line gas monitoring system & portable gas detector	X		X	
36	Cabin for mud attendant.	X		X	
37	Emergency electricity generator at well site & camp	X		X	
38a	Advanced Instrumentation System	X		X	
38b	Rig Intercom System	X		X	
39	Firefighting & safety equipment	X		X	
40	Shut in valves	X		X	
41	Welding & Cutting set	X		X	
42	Cellar Pump	X		X	
43	Rig compressor (including auxiliary)	X		X	
44	Mud making/loading facilities at drill site complete with reciprocating pumps, prime movers, hoppers, tankages etc.	X		X	
45	Mud & water system inclusive of active, intermediate & storage tanks	X		X	
46	Supplying water at drilling site	X		X	

Sl. No.	I T E M	At Expense of		Supplied by	
		C	O	C	O
47	Equipment required for generating electricity at the rig site, camp, etc.	X		X	
48	Rig lighting	X		X	
49	All required Lines / Chiksans / Fittings, etc.	X		X	
50	Crane and forklifts	X		X	
51	Any additional crane & forklift required to carry out normal drilling operations & during rig move, rig up & rig down.	X		X	
52	Required wire lines & ropes	X		X	
53	Office for Company's personnel at well site complete in all respects	X		X	
54	Bug Blower	X		X	
55	Kelly cocks, upper & lower	X		X	
56	Float valves for bit subs	X		X	
57	Inside BOPs	X		X	
58	Cup tester	X		X	
59	Effluent Treatment Plant with accessories	X		X	
60	Top Drive System with accessories	X		X	
61	Equipment not specified but required for Contractor's normal operations	X		X	
D. RIG & EQUIPMENT-II					
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 fishing tools.	X		X	
4	Replacement of elements / parts for Contractor's Diverter System and BOPs	X		X	
5	Mud pump liners	X		X	
6	Removal and disposal of camp site waste	X		X	
E. CONSUMABLES					
1	All required Oil, grease, lube, cleaning solvent, hydraulic fluid and accumulator charging gases for Contractor's equipment	X		X	
2	Drill water for drilling, rig cleaning & cementing.	X		X	
3	Drill pipe protectors (one per thribble inside casing).	X		X	
4	Kelly saver-sub rubber protectors	X		X	
5	Drill pipes & tubing rubber wipers	X		X	
6	All required Spares for solid control equipment.	X		X	
7	Air, water, electricity, fuel (HSD) and other POL for the rig site and camp site	X		X	

Sl. No.	I T E M	At Expense of		Supplied by	
		C	O	C	O
8	Casing thread lubricant & thread locking compound		X		X
9	Thread Dope/Thread lubricant for all contractor tubular and tubings.	X		X	
10	Required rope, cotton waste, hand tools and general drilling rig consumables	X		X	
11	Stabilizer sleeves	X		X	
12	Welding & cutting 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 drilling unit & accessories.	X		X	
16	Replacement of electrical fittings as & when necessary.	X		X	
17	Spares & consumables for communication equipment	X		X	
18	Replacement, spares & consumables for fire-fighting equipment	X		X	
19	Maintaining adequate stock of consumables.	X		X	
20	Consumables for computers. Software should be upgraded as and when required.	X		X	
21	Replacement of tool equipment services as & when necessary	X		X	
22	First-aid & medicine	X		X	
23	Materials required for hygienic atmosphere at well site & camp site	X		X	
24	Materials required for control of pollution.	X		X	
25	Consumables not indicated but required by Contractor in normal operation or needed for the maintenance of Contractor's equipment.	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 (if engaged) including supply of complete line of chemicals.		X		X
4	Effluent management	X		X	
5	Directional / Vertical Drilling Services		X		X
6	Cementing Services including supply of cement & complete line of chemicals/ additives.		X		X
7	Coring Services including supply of core barrels. Core heads with all accessories and handling tools.		X		X
8	Mud Logging Services		X		X
9	Handling (running in / pulling out) of Casing & Tubing	X		X	
10	Wireline Logging & TCP Services.		X		X
11	Liner Hanger Services including supply of handling/ setting tools and liner hanger accessories		X		X
12	Drill Stem Testing & Surface Production Testing Services		X		X

Sl. No.	I T E M	At Expense of		Supplied by	
		C	O	C	O
13	Casing Torque & Turn Services		X		X
14	Procurement and supply of drill Bits		X		X
15	Procurement and supply of casings, liners and tubing		X		X
16	Procurement and supply of well heads		X		X
17	Casing handling, servicing, drifting, measuring, thread cleaning		X		X
18	Centralizer installation on the Drilling Unit	X		X	
19	Transportation of entire drilling unit with accessories between locations (inter-location move)	X		X	
20	Inter-location movement of company's equipment attached with the rig.	X		X	
20	Transportation of contractor personnel	X		X	
21	Collection of bits, light consumables and transportation of same including handling at well site.	X		X	
22	Communication service	X		X	
23	Medical facilities at well site & camp site	X		X	
24	Well head hookup	X		X	
25	Handling of all Company equipment at the drilling locations	X		X	
26	BOP testing services	X		X	
27	Maintenance of Contractor's equipment.	X		X	
28	Well killing services	X		X	
29	Effluent water disposal	X		X	
30	Pollution control services	X		X	
31	Computation and record keeping services	X		X	
32	Degassing services	X		X	
33	Catering services	X		X	
34	Medical Services	X		X	
35	Ambulance services	X		X	
36	Firefighting services	X		X	
37	Services of Personnel	X		X	
38	Services not specified above but required by Contractor in normal operations or needed to maintain & operate Contractor's equipment.	X		X	
39	Services not indicated but required due to directions of the Company		X	X	X

To be digitally signed by Bidder's Authorized signatory

ANNEXURE-III

PROFORMA FOR BIO DATA OF KEY PERSONNEL

1. NAME
2. PRESENT ADDRESS
3. PERMANENT ADDRESS
4. FATHER'S NAME
5. NATIONALITY
6. PASSPORT NO. AND VALIDITY (IN CASE OF EXPATRIATE)
7. DATE OF BIRTH
8. DESIGNATED POST
9. EDUCATIONAL QUALIFICATIONS:

AFFIX PASSPORT SIZE PHOTOGRAPH

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 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, except Rig Manager(s)/ Rig Superintendent(s), 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.*
4. *For Rig Manager(s) / Rig Superintendent(s), bidders should ensure that the same persons, whose CV's are part of the offer are deployed during the execution. In case of replacement of Rig Manager(s) / Rig Superintendent(s), the replacement personnel must have same or higher score as accepted against the QCBS methodology.*

ANNEXURE–IV

DETAILS OF ELECTRICAL MACHINE USED IN DRILLING RIG PACKAGE

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							
8							
9							

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	Does the rig have provision for installing a top drive?	
	Explain details of provision offered?	
4	Have you submitted the following drawings with the bid?	
	Physical layout, sowing all important components	
	Electrical single line diagram, showing all major components	
	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 MP	
	Make & model	
	Voltage (in V)/ Power rating (in HP)	
	No. of motors per mud pump	
7	Give details of the drilling motors offered for DW	
	Make & model	
	Voltage (in V)/ Power rating (in HP)	
	No. of motors for DW	
8	Give details of Rotary drive employed (chain driven from DW, IRD, combination of chain/IRD)	
	If IRD motor employed, give details similar to MP/DW above	
9	Give details of lighting for hazardous areas	
	Voltage (phase to phase), in V	
	Neutral employed?	(Yes / No)
10	Power Pack Details	
	Make and model offered	
	No of power packs offered	
	Are all offered power packs 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 Rom 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.	
	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 EC Brake offered, 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 2A/2B)?	
	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.	
	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?	
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 privacy of Contract between OIL and me.

Place:
Date:

Signature _____
NAME:
DESIGNATION:

Signed in presence of following:

1. SIGNATURE:
   NAME:

   DESIGNATION:

2. SIGNATURE:
   NAME:

   DESIGNATION

Seal of Bidder

Sig., Name & Designation of bidder

ANNEXURE-VIII

RESPONSIBILITY MATRIX AND REPORTING & COMMUNICATION CHANNEL OF KEY PERSONNEL

The responsibilities of Contractor key personnel including but not limited to those listed under Operational and HSE at the following terms as designated hereunder by **'X'** mark in the appropriate rows. The listed responsibilities are in addition to the Primary Responsibilities of the specific Job title.

Operational:

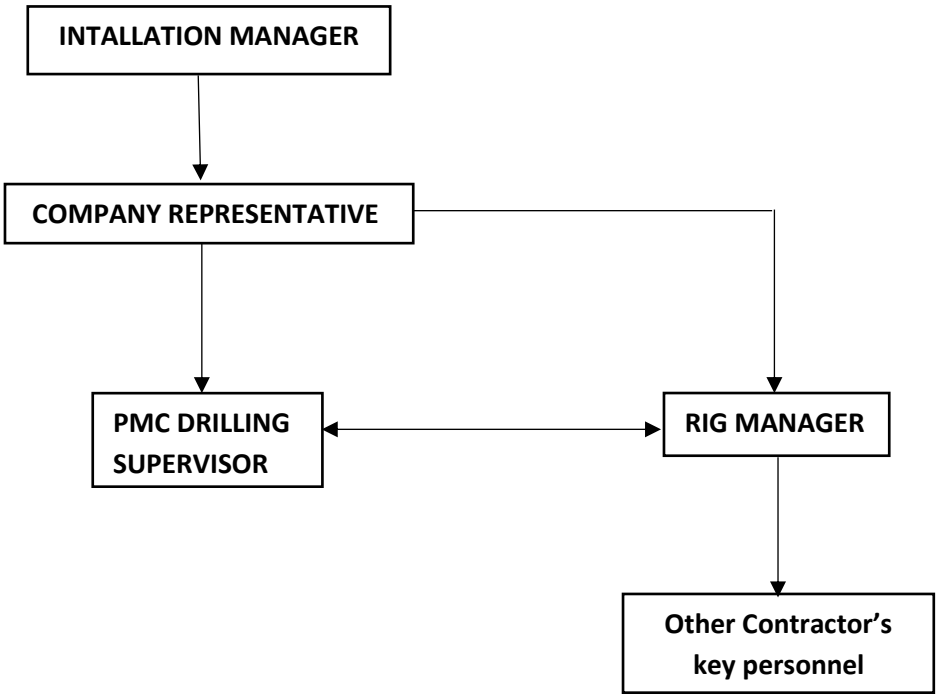
Sl. no	Job Responsibility	Contractor Personnel																
		Rig Manager	Tool Pusher/ NTP	Electrical Supervisor	Mechanical Engineer	Driller	HSE officer	Mud Engineer	Assistant Driller	Top man	Floor man	Mechanic	Electrician	Welder	ETP Supervisor	Top Drive Operator	Medic/Doctor	Crane Operator
1	Operation & Maintenance of the Drilling Rig	X	X	X	X													
2	Look-ahead plan for 7/15/30 days	X	X	X	X													
3	Timely supply of consumables	X	X	X	X	X												
4	Inventory management of Spares	X	X	X	X	X												
5	Adherence to equipment maintenance schedule and record	X	X	X	X													
6	Monitor plans, programs and work progress	X	X			X												
7	Downhole & Well Control problems	X	X			X												
8	Co-ordinate activities with Company's third party	X	X			X												
9	Daily Operations Report	X	X			X												
10	ILM & Schedule of load transfer	X	X			X												X
11	Rig up/rig down	X	X			X			X									
12	BHAs, Drill String, Casing String, Fishing String,	X	X			X												

	Tubing/completion string																	
13	Wellhead & BOP hook up, slip seal setting cum testing.	X	X			X												
14	Implementation of mud program, mud parameters & mud stock	X	X					X										
15	Formation Integrity Test/ Pressure Integrity Test, LOTs, Casing Integrity Test	X	X			X												
16	Casing, liner and tubing running operations	X	X			X												
17	Hard or Soft Shut-in line ups	X	X			X												
18	Flow Check		X			X												
19	Well shutting operation	X	X			X												
20	Well Killing (As per Standing Order)	X	X			X												
21	Servicing of all equipment & consumables	X	X			X			X									
22	Tubular & x-over		X			X			X									
23	Measurement and Drawing of downhole Tool and Tubulars		X			X			X									
24	Inspection of mast and crown		X			X			X	X								
25	P.O.L records	X			X							X						
26	Operation & Maintenance of ETP	X		X	X										X			
27	Overall Housekeeping	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	Any Instruction from Rig Manager, Tool Pusher/NTP, Electrical Supervisor & Mechanical Engineer					X	X	X	X	X	X	X	X	X	X	X	X	X

HSE:

Sl. No.	Job Responsibility	Contractor Personnel															
		Rig Manager	Tool Pusher/ NTP	Electrical Supervisor	Mechanical Engineer	Driller	HSE officer	Mud Engineer	Assistant Driller	Top man	Floor man	Mechanic	Electrician	Welder	ETP Supervisor	Top Drive Operator	Medic/Doctor	Crane Operator
1	Implementing Safety Management system	X	X	X	X	X	X	X										
2	Safety document management system	X	X	X	X	X	X											
3	Legal compliance	X					X											
4	Implementation of Emergency Response Plan	X	X				X											
5	BOP Function &Pressure tests	X	X			X	X											
6	BOP & Fire drills	X	X			X	X											
7	Tool box talk & JSA	X	X	X	X	X	X											
8	Schematic drawing layout of rig	X	X				X											
9	Shift Hand Over	X	X	X	X	X	X	X	X	X								
10	Personal protective equipment	X					X											
11	Accident/Dangerous occurring/ Near miss reporting	X	X	X	X	X	X	X										
12	Adhering to the SOP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	Compliance of all safety rule(s)/regulation (s)/circular(s)	X	X	X	X		X											
14	Permit To Work		X	X	X	X	X											
16	Inspection of EED and FPD	X					X			X								
17	Pollution control & environmental management	X					X											

REPORTING AND COMMUNICATION CHANNEL



ANNEXURE-IX

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.

ANNEXURE-X

DECLARATION BY BIDDER REGARDING CONCURRENT COMMITMENT

I/We _____ age_____ son of_____ do hereby solemnly affirm and declare as follows for and on behalf of the Firm:

LIST OF EXISTING COMMITMENT AND ONGOING WORKS

Sr. No.	Name of Works	Duration of Contract	Client Name & Address	Work Order Value (INR)
1	2	3	4	5

It is certified that the above particulars furnished are true and correct. If any information given is found to be misleading at a later date OIL will have the authority to take necessary action as per provision of the Contract and as per laid down procedure of the Company (OIL).

SIGN AND STAMP OF BIDDER (AUTHORISED SIGNATORY HAVING POWER OF ATTORNEY)

CHECKLIST-I

COMMERCIAL CHECK LIST

Bidder's Name:_____

TENDER NO. CNG8561P22

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.	

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 _____

CHECKLIST-II

CHECKLIST FOR BID EVALUATION CRITERIA (BEC) (Part 2 of tender doc)

Bidders to mention Complied/Not Complied/Deviation along with the Reference File No. and page No. whichever is applicable.

Sl. No.	Clause No. of Tender Document	Bidder's Remarks		Bidder to indicate relevant File/ Page No/Technical Brochure of the Bid Document to support its remarks
		Complied	Not Complied/ Deviation	
1.	1.0			
2.	2.0			
3.	2.1			
4.	2.2			
5.	2.3			
6.	2.4			
7.	2.5			
8.	2.5.1			
9.	2.7			
10.	2.7.1			
11.	2.7.2			
12.	2.7.3			
13.	2.7.4			
14.	2.7.5			
15.	2.7.6			
16.	2.7.7			
17.	2.8			
18.	2.9			
19.	2.10			
20.	2.11			

21.	2.12			
22.	2.13			
23.	3.0			
24.	3.1			
25.	3.1.1			
26.	3.1.2			
27.	3.2			
28.	3.2.1			
29.	3.3			
30.	4.0			
31.	5.0			
32.	5.1			
33.	5.2			
34.	5.3			
35.	5.4			
36.	5.5			
37.	5.6			
38.	5.7			
39.	5.8			
40.	5.9			
41.	5.10			
42.	5.11			
43.	5.12			
44.	5.13			
45.	5.14			
46.	5.15			

47.	6.0			
48.	6.1			
49.	6.2			
50.	6.2.1			
51.	6.2.2			
52.	6.2.3			
53.	6.2.4			
54.	6.2.5			
55.	6.2.6			
56.	6.2.7			
57.	6.2.8			
58.	6.2.9			
59.	6.3			
60.	6.3.1			
61.	6.3.2			
62.	6.3.3			
63.	7.0			
64.	7.1			
65.	7.2			
66.	7.3			
67.	7.4			
68.	7.5			
69.	7.6			
70.	7.6.1			
71.	7.6.2			
72.	7.6.3			
73.	7.6.4			
74.	7.7			

&&&&&

EXHIBIT–I

UNDERTAKING FOR WORKS INVOLVING POSSIBILITY OF SUB-CONTRACTIONG

(REF. CLAUSE NO. 7.6 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)

EXHIBIT–II

UNDERTAKING TOWARDS COMPLIANCE OF CLAUSE NO. 7.1 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, we certify that we are not from such a country/or if from such a country, has been 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 Authorised Signatory

Name:

Designation:

Phone No.

Place:

Date:

(Affix Seal of the Organization here, if applicable)

--End of Tender Document--