



INVITATION TO e-BID UNDER SINGLE STAGE TWO BID SYSTEM

Sub: IFB No CIP6285P21 FOR SERVICES FOR ENGINEERING, PROCURMENT AND CONSTRUCTION MANAGEMENT FOR UPGRADATION PROJECT OF NSPL (Numaligarh – Siliguri Multiproduct Pipeline) FACILITIES FOR TRANSPORTATION OF ADDITIONAL PRODUCTS

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, Multi Products & natural gas with its Field Headquarters at Duliajan, Assam.

The Pipeline Department of Oil India Limited deals with transportation of hydrocarbons to different refineries and thus operates a total of 1860 Km of Hydrocarbon pipelines, which comprises of 1206 Km of Crude oil trunk pipeline and 654 KM Product pipeline. The Naharkatiya (Duliajan) – Barauni Crude Oil Pipeline of length 1157 Km, commonly termed as NBPL, has 10 Pump Stations and 16 Repeater Stations spread across 3 states of Assam, West Bengal and Bihar. The pipeline was commissioned in 1962/64.

The Numaligarh – Siliguri Multiproduct Pipeline of length 654 Km, commonly termed as NSPL, has 1 Despatch Station, 1 Receipt Terminal, 4 Intermediate Pigging Stations (IP) and 9 Sectionalizing Valve Stations spread across 2 states of Assam and West Bengal. The pipeline was commissioned in 2008.

- 2.0 In connection with its Pipeline office being located at Guwahati, OIL invites Local Competitive Bids (LCB) from competent and experienced Contractors through OIL's e-procurement site for **Services For Engineering, Procurement And Construction Management For Upgradation Project of NSPL facilities for transportation of additional products** with the entire project expected to be completed within 39 months of award of contract. 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:

| IFB No./ Tender No. | CIP6285P21 |
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| Type of IFB. | Single Stage Two Bid System |
| Bid Closing Date & Time. | As mentioned in Online E-tender portal |
| Bid(Technical) Opening Date & Time | As mentioned in Online E-tender portal |
| Priced Bid Opening Date & Time. | Will be intimated to the eligible Bidders nearer the |

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| | time |
| Bid Submission Mode. | Bid to be uploaded on-line in OIL's E-Procurement portal |
| Bid Opening Place. | Office of The Deputy General Manager - Materials (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171 |
| Bid Validity. | 120 days from bid Closing date. |
| Bid Security Amount | NIL |
| Bid Security Declaration | Required to be submitted as per format as per format |
| Amount and Validity of Performance Security. | Performance security @03 % of total contract value is applicable against this contract. Validity: 3(three) months beyond Contractual Defect Liability Period. |
| Duration of the Contract. | 39 Months |
| Bids to be addressed to. | Office of The Deputy General Manager - Materials (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171 |
| Integrity Pact | Must be digitally signed & uploaded along with the Technical Bid. ANNEXURE- XII to be submitted along with technical Bid under "Technical Attachment" Tab in the E-tender Portal |
| Mobilization Time | 15 Days |
| Last date for receipt of pre-bid queries | 02.03.2021 |
| Pre-bid Conference date | 04.03.2021 & 05.03.2021 |

3.0 **Pre-Bid Conference:** applicable.

4.0 **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.

5.0 **GUIDELINES FOR PARTICIPATING IN OIL'S E-PROCUREMENT:**

5.1 To participate in OIL's E-procurement tender, bidders should have a legally valid digital certificate **of Class 3 with Organizations 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.**

5.2 Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date

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and time of the tender. For online registration, Bidder may visit the OIL's E-tender site <https://etender.srm.oilindia.in/irj/portal>

- 5.3 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.
- 5.4 Bids without **Bid Security Declaration** shall be rejected. All bidders must upload Bid Security declaration along with their technical Bid.
- 5.5 MSE Vendors also required to submit **Bid Security Declaration** along with the MSE certificate as a part of their technical bid.
- 5.6 Parties shall be eligible for accessing the tender in E-portal after OIL enables them in the E-portal on receipt of request for the same.
- 5.7 Parties, who do not have a User ID, can click on **Guest login button** in the OIL's E-portal to view the available open tenders. The detailed guidelines are available in OIL's e-procurement site (Help Documentation). For any clarification in this regard, Bidders may contact ERP-MM at erp_mm@oilindia.in, Ph.: 03742804903/7192/7171/7178.
- 6.0 **QUERIES/CLARIFICATIONS ON THE TENDER / PRE-BID CONFERENCE:**
- 6.1 The prospective Bidders shall submit their queries/clarifications against the tender through E-mail addressed to Deputy General Manager - Materials (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171.
- 6.2 A pre-Bid conference is planned to be held during **04.03.2021** 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.
- 6.3 At the most 2 (two) representatives from each prospective bidder shall be allowed to participate in the pre-bid conference. All costs for attending the pre-bid conference shall be to prospective bidders' account.
- 6.4 The prospective bidders shall submit their queries through E-mail / Fax / Courier addressed to Deputy General Manager - Materials (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171 before 02.03.2021 Bidders may contact (email plproject@oilindia.in / balen_bharali@oilindia.in). All the queries must reach on or before 02.03.2021 OIL will not entertain any queries which are not received within the above time line.
- 6.5 Clarifications/exceptions/deviations, if required any, should be brought out by the bidder prior to 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 participated the Pre-Bid. Company will not accept any exception/deviation to tender conditions/specifications once the same are frozen after

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the pre-bid conference and the non-compliant bid (s) shall be rejected outright against this tender.

6.6 Tentative date of pre-bid conference is **04.03.2021 & 05.03.2021 at PHQ, Guwahati, OIL INDIA LTD.**

7.0 **IMPORTANT NOTES:**

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

- i) The bid along with all supporting documents must be submitted through OIL's E-procurement site only except the following document's which shall be submitted manually by the Bidder in two copies in a sealed envelope super-scribed with OIL's IFB No., Bid Closing date and addressed to DGM (Materials), OIL INDIA LTD.
 - a) Printed catalogue and Literature, if called for in the tender.
 - b) Any other document required to be submitted in original as per tender requirement.
- ii) Bid should be submitted on-line in OIL's E-procurement site before 11.00 AM (IST) (Server Time) of the bid closing date as mentioned and will be opened on the same day at 4.00 PM (IST) at the office of the DGM (Materials) in presence of the authorized representatives of the Bidders.
- iii) If the digital signature used for signing is not of "Class -3" with **Organizations** name, the bid will be rejected.
- iv) 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 under **"Technical Attachment" Tab only. Bidders to note that no price details should be uploaded in "Technical Attachment" Tab Page. Details of prices as per Price Bid format/Priced bid can be uploaded as Attachment just below the "Tendering Text" in the attachment option under "Notes & Attachments" tab. A screen shot in this regard is given in the "Instruction to Bidder for Submission" file for guidance. Offer not complying with above submission procedure will be rejected as per Bid Evaluation Criteria mentioned in Part-2, (III)-Commercial Criteria.**

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Regarding new bid submission procedure (effective from 12.04.2017 onwards), please refer **new vendor manual** available in OIL's E-tender Site:



Oil India Limited e-Procurement

User ID *

Password *

Logon Problems? [Get Support](#)

[Supplier Enlistment for E-Tender](#)

[Important Note for New Portal Users:](#)

[Click here to View Compatibility Settings](#)

[General Guidelines to bidders](#)

[Click for User Manuals](#)

Click here for
the New
Manual &
Instruction

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[Click for Terms of use, Privacy Policy, Refund Policy Docs](#)

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

Thanking you,

Yours faithfully,
OIL INDIA LIMITED

(Balen Bharali)
Chief Manager Materials-PL
For DGM Materials
For Chief General Manager (PLS)

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PART - 1**INSTRUCTIONS TO BIDDERS**

- 1.0 Bidder shall bear all costs associated with the preparation and submission of bid. Oil India Limited, hereinafter referred to as Company, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 2.0 The services required, bidding procedures and contract terms are prescribed in the Bid Document. This Bid Document includes the following:
- (a) A Forwarding Letter highlighting the following points:
 - (i) Company's IFB No. & Type
 - (ii) Bid closing date and time
 - (iii) Bid opening date and time
 - (iv) Bid submission Mode
 - (v) Bid opening place
 - (vi) Bid validity, Mobilisation time & Duration of contract
 - (vii) Bid Security Declaration
 - (viii) The amount of Performance Guarantee with validity
 - (ix) Quantum of liquidated damages for default in timely completion of contract
 - (b) Instructions to Bidders, (Part-1)
 - (c) Bid Evaluation Criteria, (Part-2)
 - (d) General Conditions of Contract, (Part-3)
 - (e) Scope of Work (Part-4, Section - I)
 - (f) Payment Terms (Part-4, Section-II)
 - (g) Special Conditions of Contract (Part-5)
 - (h) Price Bid Format, (Proforma-B Annexure:DD)
 - (i) Bid Form, (Proforma-C)
 - (j) Statement of Compliance, (Proforma-D)
 - (k) Bid Security Declaration Form, (Proforma-E)
 - (l) Performance Security Form, (Proforma-F)
 - (m) Agreement Form, (Proforma-G)
 - (n) Proforma of Letter of Authority, (Proforma-H)
 - (o) Authorisation for Attending Bid Opening, (Proforma-I)
 - (p) Integrity Pact, (ANNEXURE- XII)
 - (q) Format for Certificate of Annual turnover & Net Worth (Annexure – VI)
 - (r) General HSE Points (Appendix-A)
 - (s) Provisions for Purchase Preference Policy (linked with Local Content) (PP-LC) (Annexure-X)
 - (t) Certificate for Restriction of Procurement (Proforma-A)
- 2.1 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.
- 2.2 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

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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 in the name of the Bidder in whose name the Bid Document has been issued.
- 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.
- 4.2 The Addendum will be uploaded in OIL's E-Tender Portal in the "Technical RFx Response" under the tab "Amendments to Tender Documents". The Company may, at its discretion, extend the deadline for bid submission, if the Bidders are expected to require additional time in which to take the Addendum into account in preparation of their bid or for any other reason. **Bidders are to check from time to time the E-Tender portal ["Technical RFx Response" under the tab "Amendments to Tender Documents"] 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:** The bid as well as all correspondence and documents relating to the bid exchanged between the Bidder and the Company shall be in English language, except that any printed literature may be in another language provided it is accompanied by an official and notarised English translated version, which shall govern for the purpose of bid interpretation.
- 5.2 **BIDDER'S/AGENT'S NAME & ADDRESS:**
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:**
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

- (i) Complete technical details of the services & equipment specifications with catalogue, etc.

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- (ii) Documentary evidence established in accordance with Clause 10.0 hereunder.
- (iii) Bid Security Declaration in accordance with Clause 11.0 hereunder.
- (iv) Copy of Bid-Form without indicating prices in Proforma-C
- (v) Statement of Compliance as per Proforma-D
- (vi) Copy of Priced Bid without indicating prices (Proforma-B)
- (vii) Integrity Pact digitally signed by OIL's competent personnel as Annexure-A1, attached with the bid document to be digitally signed by the Bidder.
- (viii) Undertaking towards submission of authentic information/documents as per Format vide Annexure-XI.

(B) PRICED BID

- (i) 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 (Annexure:DD)
 - b) Bid Form as per Proforma-C
- (ii) The Priced Bid shall contain the prices and any other commercial information pertaining to the service offered. Currency of quote shall be INR only.
- (iii) For convenience of the qualified Bidders and to improve transparency, the rates/costs quoted by bidders against OIL's e-tenders shall be available for online viewing by such Bidders whose price bids are opened by Company. A Bidder can view item-wise rates/costs of all other such peer bidders against the tender immediately after price bid opening, if the e-tender is floated by Company with PRICE CONDITION. In case the Price-Bid is invited by Company through attachment form under "Notes & Attachment" (i.e. NO PRICE Condition), Bidder must upload their detailed Price-Bid as per the prescribed format under "Notes & Attachment", in addition to filling up the "Total Bid Value" Tab taking into account the cost of all individual line items and other applicable charges like freight, tax, duties, levies etc. Under NO PRICE condition (i.e. Price Bid in attachment form), the "Total Bid Value" as calculated & quoted by the Bidders shall only be shared amongst the eligible bidders and Company will not assume any responsibility whatsoever towards calculation errors/omissions therein, if any. Notwithstanding to sharing the "Total Bid Value" or the same is whether filled up by the Bidder or not, Company will evaluate the cost details to ascertain the inter-se-ranking of bidders strictly as per the uploaded attachment and Bid Evaluation Criteria only. Online view of prices as above shall be available to the Bidders only up to seven (07) days from the date of Price-Bid opening of the e-tender.

6.0 **BID FORM:** 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 in "Notes & Attachment" Tab. Unit prices must be quoted by the Bidders, both in words and in figures.

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.

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- 7.3 All duties and taxes including Corporate Income Tax, Personal Tax, Octroi/Entry Tax, other Cess/levies etc. except Goods and Service Tax (GST) 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 accordingly. For example, personal taxes and/or any corporate taxes arising out of the profits on the contract as per rules of the country shall be borne by the Bidder.
- 8.0 **CURRENCY OF BID AND PAYMENT:** A Bidder is expected to submit their bid in Indian Rupees. Currency once quoted will not be allowed to be changed.
- 9.0 **DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS:** These are listed in **BID EVALUATION CRITERIA (BEC), PART-2** of the Bid document.
- 10.0 **BID SECURITY DECLARATION:**
The Bid Security Declaration as per (Proforma-E) is required submit as a part of technical bid. Offer without Bid Security Declaration will be rejected.
- 11.0 **PERIOD OF VALIDITY OF BIDS:**
- 11.1 Bids shall remain **valid for 120** days 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.
- 11.2 In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing through Fax or e-mail.
- 12.0 **SIGNING OF BID:**
- 12.1 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 Organizations 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 "Organization Name" field other than Bidder's Name are not acceptable. However, aforesaid Digital Signature Certificates having Bidder's Name in the "Organization Name" field are acceptable. Bidder must also have Encryption Certificate along with Digital Signature Certificate (DSC) of Class III [Organization].

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 shall be submitted by Bidder .

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The authenticity of above digital signature shall be verified through authorized CA after bid opening and 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.

- 12.2 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.
- 12.3 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 initialled by the person or persons who has/have digitally signed the Bid.
- 12.4 Any Bid, which is incomplete, ambiguous, or not in compliance with the Bidding process will be rejected.

13.0 **SUBMISSION OF BIDS**

- 13.1 The tender is processed under Single Stage - Two Bid system. Bidder shall submit the Technical bid and Priced bid along with all the Annexure 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 are available in **“HELP DOCUMENTATION”** 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” under “Techno-Commercial Bid” Tab Page only. Prices to be quoted as per Proforma-B should be uploaded as Attachment just below the “Tendering Text” in the attachment link under “Techno-Commercial Bid” 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. For details please refer “INSTRUCTIONS” documents.

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

- 13.2 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 compliance to each clause as per Proforma-D of the bid document and in case of non-compliance, if any, the same to be highlighted in the Proforma-D and the same should be uploaded along with the Technical Bid.
- 13.3 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:** Not Applicable.

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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.

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.

16.0 **LATE BIDS:** Bidders are advised in their own interest to ensure that their bids are uploaded in system before the closing date and time of the bid. The documents in physical form mainly the Original Bid Security 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.

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 and shall be put in the Holiday List for a period of six (06) months to two (02) years as the case may be as per Company's Banning Policy.

18.0 **EXTENSION OF BID SUBMISSION DATE:** 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 18.0, 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.

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- 19.3 Bids which have been withdrawn pursuant to clause 18.0 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 way 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 technically qualified Bidders on a specific date in presence of representatives of the qualified Bidders. The technically 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.

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- 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:** Not Applicable.
- 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 Document.
- 22.1 **DISCOUNTS / REBATES:** Unconditional discounts/rebates, if any, given in the bid will be considered for evaluation.
- 22.2 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.
- 22.3 **LOADING OF FOREIGN EXCHANGE:** There would be no loading of foreign exchange for deciding the inter-se-ranking of domestic Bidders.
- 22.4 **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.
- 22.5 **REPATRIATION OF RUPEE COST:** Not Applicable.
- 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 19.6**.
- 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 CRITERIA:**
- 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

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thereby incurring any liability to the affected Bidder, or Bidders or any obligation to inform the affected Bidder of the grounds for Company's action.

26.0 NOTIFICATION OF AWARD:

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

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

27.0 PERFORMANCE SECURITY: Successful bidder has to submit Performance Security as mentioned in GCC clause no. 10.0.

27.1 Performance security @03% of total contract value is applicable against this contract. The Performance Bank Guarantee shall be denominated in the currency of the contract.

27.2 The Performance Bank Guarantee specified above must be valid as mentioned in the LOA. The Performance Bank Guarantee will be discharged by Company not later than 30 days following its expiry. 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.

27.3 The Performance Bank Guarantee shall be payable to Company as compensation for any loss resulting from Contractor's failure to fulfil its obligations under the Contract.

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

27.5 Failure of the successful Bidder to comply with the requirements of **clause 27.0 and/or 28.0** and their sub-clauses shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security or Performance Security. In such an eventuality, the party shall be put in the Holiday List for a period from six (06) months to two (02) years as the case may be as per Company's Banning Policy.

27.6 Bidders are requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of the copy of SFMS message as sent by the issuing bank branch, along with the original Bank Guarantee in OIL's office.

The bank guarantee issued by the bank must be routed through SFMS platform as per following details:

(a) "MT 760 / MT 760 COV for issuance of bank guarantee

(b) "MT 760 / MT 767 COV for amendment of bank guarantee

The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Guwahati Branch, IFS Code – UTIB0000140, Branch Address – Axis Bank Ltd., Guwahati Branch, Chibber House, G.S. Road, Dispur, Assam, Pin – 781005.

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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 put in the Holiday List for a period from six (06) months to two (02) years as the case may be as per Company's Banning Policy.

29.0 FURNISHING FRAUDULENT INFORMATION/DOCUMENTS:

If it is found that a Bidder/contractor has furnished fraudulent information / documents, the Bid Security/Performance Security shall be forfeited and the party shall be banned for a period of 3 (three) years from the date of detection of such fraudulent act besides the legal action as per Company's Banning Policy.

30.0 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.

31.0 MOBILISATION ADVANCE PAYMENT: Not Applicable.**32.0 INTEGRITY PACT:**

- 32.1 OIL shall be entering into an Integrity Pact with the Bidders as per format enclosed vide ANNEXURE- XII 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 uploaded 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.**
- 32.2 OIL has appointed the following persons as Independent External Monitors (IEM) for a period of 3 (three) years to oversee implementation of Integrity Pact in OIL. Bidders may contact the Independent External Monitor for any matter relating to the IFB at the following addresses:
- a. Shri Sutanu Behuria, IAS (Retd.),
E-mail: sutanu2911@gmail.com

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- b. Shri Rudhra Gangadharan, IAS (Retd.); Ex-Secretary, Ministry of Agriculture
E-mail id: rudhra.gangadharan@gmail.com
- c. Shri Om Prakash Singh, IPS (Retd.), Former DGP, Uttar Pradesh
E-mail: Ops2020@rediffmail.com

33.0 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 knowledge and its effect on the cost of execution of the Contract.

- 34.0 **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.

- 35.0 **CUSTOMS DUTY:** Not Applicable.

- 36.0 **PURCHASE PREFERENCE:** Purchase Preference to MSME will be applicable as per latest Govt. Guidelines. Bidders to take note of the same and quote accordingly. It is Bidder's responsibility to submit necessary documents from the Competent Authority to establish that they are eligible for purchase preference against this tender.

- 37.0 **PURCHASE PREFERENCE ON LOCAL CONTENT:** Purchase Preference (Linked with Local Content) (PP-LC) is applicable against this tender. Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. FP-20013/2/2017-FP-PNG dtd.17.11.2020 and amended from time to time. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. The bids shall be evaluated as per applicability of policy.

Bidders seeking benefits, under Purchase Preference Policy (linked with Local Content) (PP-LC) shall have to comply with all the provisions specified in **Annexure-X** and shall have to submit all undertakings / documents applicable for this policy.

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- 38.0 General Health, Safety and Environment (HSE) aspects shall be as per the terms set forth in Appendix-A of the tender document.
- 39.0 Procedure for obtaining Labour License under Contract Labour (R&A) Act, 1970 & Central Rules-1971 shall be as per terms set forth in Appendix-B of tender document.
- 40.0 The User Manual provided on the e-portal on the procedure How to create Response for submitting offer may be referred for guidance.
- 41.0 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 of various documents required against BEC/BRC of the tender:
- i. M/s. RINA India Pvt. Ltd.
 - ii. M/s. Dr. Amin Controller Pvt. Ltd.
 - iii. M/s. Germanischer Lloyd Industrial Services GmbH (DNV GL- Oil & Gas)
 - iv. M/s. TÜV SÜD South Asia Pvt. Ltd.
 - v. M/s. IRCLASS Systems and Solutions Private Limited
 - vi. M/s. Gulf Llyods Industrial Services (India) Pvt. Ltd.
 - vii. M/s. TUV India Private Limited
 - viii. M/s. TÜV Rheinland (India) Pvt. Ltd.
 - ix. M/s. Bureau Veritas (India) Private Limited
- 41.1 The Bidders have to get verified and certified the various documents required against BEC/BRC of the tender by anyone 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.
- 41.2 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 normally considered. However, in case a bidder submits its bid along with 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 seven (7) days of actual 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 seven (7) days of actual bid opening at its own risk and responsibility. If a bidder does not submit the undertaking towards submission of third party certification within 7 days from date of Bid Closing date, but certified document reaches us within the cut-off date of above seven (7) days, then such bids shall be considered.
- 41.3 The methodology of inspection/ verification of documents followed by the agencies is broadly as under but not limited to :

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- (a) The prospective bidder will contact any of the empanelled inspection agencies against such tender. When prospective bidders approach any of the OIL's empanelled Inspection Agency, the agency will ask for the tender document and should go through the Tender Document, especially the requirements of BEC/BRC and list the documents to be verified. The inspection Agency 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. A copy of the Inspection Certificate shall be directly sent to the Concerned Tendering officer of OIL INDIA LIMITED, mentioned in the respective tender.
- (b) Verification of documents are normally categorised as under:
- General Requirement:
 - Check Bidder's PAN Card
 - Check Bidder's GST Certificate
 - Check ITR of company – last three years (minimum)
 - Check Bidder's Certificate of Incorporation – Domestic Bidder.
 - Additional Documents : (If applicable against the tender)
 - Joint Ventures Agreements – To Double-check with JV Partners
 - Consortium Agreements – To Double-check with Consortium Partners
 - Holding/ Parent/Subsidiary Company – To check the notarized Share Holding pattern
 - Technical Criteria
 - Experience Proof –To check Original Work Order as per BEC /criteria
 - To check Company Name
 - To check Similar Work Definition against Work Order, Scope of work (JV or Consortium too)
 - To check the Execution period
 - To Check the Completion Certificates – Letter of Appreciations of proper Execution
 - Reference contact verification and true copy verification
 - Match Original Work Order/Contract Copy with Soft Copies or notarized scan copies
 - Financial Criteria
 - Check Audited Balance Sheet – Turnover as per BEC along with the bidder's compliance with respect to the following clause:

Considering the time required for preparation of Financial Statements, if the last date of the preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date 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

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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'.

- Check Net-Worth – as per BEC
- Check Notarization validity
- Check original audited Balance Sheet with scan copies.
- To check the Line of Credit, if incorporated in the tender.

END OF PART - 1

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PART – 2

BID REJECTION CRITERIA & BID EVALUATION CRITERIA.**BID EVALUATION CRITERIA (BEC):**

The bid shall conform generally to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the bidders without which the same will be considered as non-responsive and rejected. Bidders are advised not to take any exception/deviations to the bid document.

A) TECHNICAL CRITERIA**1.0 EXPERIENCE**

The following minimum criteria shall be met by the bidder failing which their bid/offer will be rejected:

- 1.1 The bidder shall be an Engineering, Procurement, Construction Management (EPCM) consultant and shall have successfully carried out **One ‘Similar Work’ of minimum executed value of INR 32.80 Crores during past 7 years** (to be reckoned from the original bid closing date)

Definition of ‘SIMILAR WORK’:

EPCM Consultancy Services for Design, Engineering, Procurement of Goods & services, Project Management & Construction management of cross-country Hydrocarbon pipeline along with pumping/dispatch station and terminal for any Central Govt./ State Govt./ Semi-Govt./ Public Sector Undertaking/ State Govt. Enterprise/ any Public Limited Company in India which has been successfully completed/ commissioned.

Note:

- (a) Experience of above similar work shall be for any Central Govt./ State Govt./ Semi-Govt./ Public Sector Undertaking/ State Govt. Enterprise/ any Public Limited Company within India and shall be in the name of bidder only, bid/ contract from sister concern/ group company shall not be considered and shall be rejected.
- (b) Job executed by a bidder for its own organization/ subsidiary shall not be considered as experience for the purpose under BEC and shall be rejected.
- (c) Bids on Consortium or Joint venture basis are not acceptable and shall be rejected
- (d) Experience of ongoing works which are yet to be commissioned shall not be considered and shall be rejected
- (e) EPCM service shall include Design, Engineering, Construction Management and Site supervision & monitoring. Only PMC service, which does not include Design and Engineering, shall not be considered and shall be rejected.

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- (f) In case the start date of the requisite experience is beyond the prescribed 07 (seven) years reckoned from the original bid closing date but completion/ commissioning is within the prescribed 07 (seven) years reckoned from the original bid closing date, such work experience will be considered for evaluation
- (g) Work executed amount shall be inclusive of GST/ Tax
- (h) SIMILAR work executed by a bidder as a Sub-Contract shall not be considered as experience for the purpose of meeting BEC. and shall be rejected.

1.2 Documents required to be submitted as proof of above:

- (a) PROFORMA-BEC/A duly filled up
- (b) Letter of Award/ Work Order copy/ Contract document showing **Scope of work** complying to the requirement of 'Similar Work' definition.
- (c) Completion Certificate issued by Project proponent (owner) in their letterhead having following details:
- Title of project/ contract
 - Original period of EPCM service as per Letter of Award
 - Date of start of the work
 - Date of completion/ commissioning of the work
 - Total executed value
- (d) In case, required details are not clearly mentioned in the above documents, bidder shall submit other relevant additional supporting documents as proof of scope of work, date of completion/ commissioning of work and total executed value against the work(s).

Note:

It shall be the bidder's responsibility to ensure that the documents submitted in compliance of the experience criteria is clear and adequate.

B) FINANCIAL CRITERIA:

2.0 The following Financial criteria shall have to be met by the bidder:

| Sl. | Parameter | Financial Criteria |
|-----|-----------------|--|
| 1 | Annual Turnover | Minimum INR 32.80 Crore in any of the preceding 3 (Three) financial years, considered from the original bid closing date. |
| 2 | Net worth | Net Worth of the bidder should be positive for the preceding financial/ accounting year |

Note to Financial Criteria:

- (a) 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 and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three

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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) have not been audited so far.

- (b) For proof of Annual Turnover & Net Worth, any one of the following document must be submitted along with the bid:-
- i) 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 Annexure – VI

OR

- ii) Audited Balance Sheet along with Profit & Loss account.
- (c) 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 (CAG) of India and the Central Government, their certificates may be accepted even though FRN is not available. However, the bidder has to provide documentary evidence for the same.
- (d) All certificates issued by a Chartered Accountant in practice must mandatorily mention UDIN (Unique Document Identification Number) as instructed by Institute of Chartered Accountants of India (ICAI).

C) COMMERCIAL EVALUATION CRITERIA.

3.0 Commercial Criteria

- 3.1 Bids are invited under **SINGLE STAGE TWO BID SYSTEM**. Bidders shall quote accordingly. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions. Bidder not complying with above submission procedure will be rejected. 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 Attachments” Tab and Priced Bid 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.
- 3.2 Bid security/EMD is not required against the tender. However, **Bid Security Declaration** is required and same must be submitted along with technical bid. The Bid Security Declaration format is attached vide Proforma E. Any bid not accompanied with Bid Security Declaration (As per Format) will be rejected without any further consideration.
- 3.3 MSME Bidders are also required to furnish the **Bid Security Declaration as per format.**

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- 3.4 The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.
- 3.5 **Validity of the bid shall be minimum 120 days from the final Bid Closing date. Bids with lesser validity will be rejected.**
- 3.6 All the Bids must be Digitally Signed using Class III digital certificate (e-commerce application) with 'Certificate Type: **Organization Certificate**' 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. The bid signed using other than "Class 3" and "Organization" digital certificate, will be rejected.
- 3.7 Successful bidder will be required to furnish a **Performance Bank Guarantee @03%** of the order value.
- 3.8 The 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 & purchased the tender document online.
- 3.9 Bids containing incorrect statement will be rejected.
- 3.10 No offers should be sent by Telex, Cable, E-mail or Fax. Such offers will not be accepted.
- 3.11 The following points are deemed as "non-negotiable" and offer shall be rejected straightaway without seeking clarification:
- Validity of bid shorter than validity indicated in the tender.
 - Bid Security declaration not received as per format (As per Proforma E)
 - In case the party refuses to sign Integrity Pact.
- 3.12 Bidder must accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:
- Firm price
 - EMD / Bid Bond Bid Security Declaration
 - Scope of work
 - Specifications
 - Price schedule
 - Delivery / completion schedule
 - Period of validity of bid
 - Liquidated Damages
 - Performance bank guarantee / Security deposit
 - Guarantee of material / work
 - Arbitration / Resolution of Dispute
 - Force Majeure
 - Applicable Laws
 - Integrity Pact, if applicable
- 3.13 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made.

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4.0 Price Schedule:

4.1 Bidder shall submit the Price Break up as per Proforma-B (Annexure DD). Bidders should fill up the annexure, sign and upload under “Notes & Attachments” > “Attachments” only. Evaluation of offers shall be done on as per price bid format.

4.2 **Comparison of offers shall be done on as per the Quality & Cost Based Selection (QCBS) methodology as mentioned in Evaluation methodology (section D below) and contract shall be awarded to the L1 bidder.**

4.3 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.

4.4 Price bids of only those bidders will be opened whose offers are found to be techno-commercially acceptable.

5.0 Purchase Preference (Linked with Local Content) (PP-LC) is applicable against this tender. Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. FP-20013/2/2017-FP-PNG dtd.17.11.2020 and amended from time to time. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. The bids shall be evaluated as per applicability of policy.

5.1 The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure XII of the tender document. This Integrity Pact Proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. 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 sign the Bid. The name of the OIL's Independent External Monitors at present are as under:

a. Shri Sutanu Behuria, IAS (Retd.),
E-mail: sutanu2911@gmail.com

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

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

5.2 **No press advertisement will be published regarding amendment to Bidding Document or extension of Bid Closing Date. The same will be uploaded in OIL's website and informed to all prospective bidders who have received the bidding documents. Bidders to keep themselves updated.**

5.3 Other terms and conditions of the enquiry shall be as per General Terms and Conditions for LCB Tender. However, if any of the Clauses of the Bid Rejection Cri-

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teria / Bid Evaluation Criteria (BEC/BRC) mentioned here contradict the Clauses in the General Terms & Conditions of LCB Tender of the tender and/or elsewhere, those mentioned in this BEC/BRC shall prevail.

- 5.4 Bid Documents / User Id & Password for OIL's E-Tender portal are not transferable.
- 5.5 Any bid received in the form of Physical document/ Telex/Cable/Fax/E-mail will not be accepted.
- 5.6 There should not be any indication of price in the Un-priced Techno-Commercial Bid. If there is any indication of price in the Un-priced Techno-Commercial Bid, Such Bid will be rejected straightway.

6.0 VERIFICATION BY INDEPENDENT INSPECTION AGENCIES:

a) The Bidders have to get verified and certified the various documents required against BEC/BRC of the tender by anyone of the following Independent Inspection Agencies and submit the duly certified Inspection Certificate by the Inspection Agencies along with the Technical Bid of the Tender:

- i. M/s. RINA India Pvt. Ltd.
- ii. M/s. Dr. Amin Controller Pvt. Ltd.
- iii. M/s. Germanischer Lloyd Industrial Services GmbH (DNV GL-Oil & Gas)
- iv. M/s. TÜV SÜD South Asia Pvt. Ltd.
- v. M/s. IRCLASS Systems and Solutions Private Limited
- vi. M/s. Gulf Llyods Industrial Services (India) Pvt. Ltd.
- vii. M/s. TUV India Private Limited
- viii. M/s. TÜV Rheinland (India) Pvt. Ltd.
- ix. M/s. Bureau Veritas (India) Private Limited.

b) E-mail ids of third party inspection agencies for document verification:

| 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 Lloyd 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 |

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| vi. | M/s. Gulf Llyods Industrial Services (India) Pvt. Ltd. | a. contact@gulflloyds.com b. bbhavsar@gulflloyds.com c. inspection@gulflloyds.com d. gulflloyds.india@gmail.com |
| vii. | M/s. TUV India Private Limited | a. salim@tuv-nord.com b. delhi@tuv_nord.com |
| viii. | M/s. TÜV Rheinland (India) Pvt. Ltd. | a. Shailesh.Deotale@ind.tuv.com b. ravi.kumar@ind.tuv.com c. rupeshkumar.singh@ind.tuv.com d. Neeraj.Chaturvedi@ind.tuv.com |
| ix. | M/s. Bureau Veritas (India) Private Limited | a. udit.chopra@bureauveritas.com b. vishal.sapale@bureauveritas.com c. dinesh.sukhramani@bureauveritas.com d. p.sridhar@bureauveritas.com e. hariprasad.jhawar@bureauveritas.com f. amit.shaw@bureauveritas.com g. business.support@bureauveritas.com h. labhanshu.sharma@bureauveritas.com i. pramodkumar.yadav@bureauveritas.com j. sonal.lad@bureauveritas.com k. bvindia.corporate@in.bureauveritas.com |

- c) 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.
- d) 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 normally 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 seven (7) days of actual 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 seven (7) days of actual bid opening at its own risk and responsibility. If a bidder does not submit the undertaking towards submission of third party certification within 7 days from date of Bid Closing date, but certified document reaches us within the cut-off date of above seven (7) days, then such bids shall be considered.
- e) The detailed methodology of inspection / verification of documents followed by the agencies are provided in Instruction To Bidder (ITB) at appropriate Clause.

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D) EVALUATION OF BIDS

- 7.0 Bids qualifying as per terms of Technical Criteria (Para A above) and Financial Criteria (Para B above) shall be eligible for this evaluation.
- 7.1 Bids shall be evaluated both in terms of **Quality** as well as **Quoted Price** i.e. Quality & Cost Based Selection (**QCBS**) methodology. The weightage for Quality is 60 and the weightage for the Quoted price is 40.
(Quality : Quoted Price = 60 : 40).
- 7.2 The marks allocated against various subsections under *Quality* of bid shall be as under-

| Bidder Evaluation Parameter | | | Marks (Maximum) |
|--|---|----|--------------------|
| A | Past Experience | | |
| Past Experience of EPCM service for construction of On-shore Cross-country Multi-product Pipeline with pumping stations or Construction of Pump Station for Multi-Product Pipeline of minimum executed value of INR 16.40 Crore commissioned during last 7 years (to be reckoned from the original bid closing date) | | | 20 |
| i) | Experience of completion of one jobs. | 10 | |
| ii) | Experience of completion of Two job. | 15 | |
| iii) | Experience of completion of three job. | 20 | |
| B | Past Experience | | |
| Past Experience of EPCM services of minimum executed value of INR 32.80 Crores in hydrocarbon sector completed/ commissioned during last 7 years (to be reckoned from the original bid closing date) | | | |
| i) | Experience of completion of one jobs. | 10 | |
| ii) | Experience of completion of two jobs. | 20 | |
| iii) | Experience of completion of three jobs. | 30 | |

| C | Timely Execution of Project | | |
|--|--|--------------------|-----|
| <p>Percentage Time Overrun of EPCM services for Commissioning/ Completion of the project in hydrocarbon sector of minimum executed value of INR 16.40 Crore during last 7 years (to be reckoned from the original bid closing date).</p> <p>Time Overrun (%) = $\frac{X1 - Y1}{Y1}$</p> <p>X1: Time required for completion/ commissioning, in months Y1: Approved time as per initial letter of award without considering any time extension, in months Maximum five (5) projects/ service shall be considered for evaluation purpose.</p> | | | 20 |
| i) | 2 marks for projects / works with 25% to 75% Time Overrun. | 2 x no. of project | |
| ii) | 4 marks for projects/ works with less than 25% Time Overrun. | 4 x no. of project | |
| D | Financial Strength | | |
| <p>Annual Average Financial Turnover of the bidder during any of preceding 03 (Three) financial/ accounting years from the original bid closing date.</p> | | | 30 |
| i) | Average Annual Turnover above INR 32.80 Crores but less than INR 100 Cr | 10 | |
| ii) | Average Annual Turnover above INR 100 Cr but less than INR 200 Cr | 15 | |
| iii) | Average Annual Turnover above INR 200 Cr but less than INR 300 Cr | 20 | |
| iv) | Average Annual Turnover above INR 300 Cr but less than INR 400 Cr | 25 | |
| v) | Average Annual Turnover above INR 400 Cr | 30 | |
| TOTAL Marks | | | 100 |

Note:

- Various conditions as per Notes under para A.1.1 and B.2.0 above shall be applicable for all the points under section D. It shall be the bidder's responsibility to ensure submission of unambiguous /clear and sufficient documentary evidence in support of the evaluation criteria. Documentary proof required will be as under.
- For D: 7.2 (A & B) above, documentary proof shall be as per para A: 1.1 & 1.2 above.
- For D: 7.2 (C) above, documentary proof shall be as per para A: 1.1 & 1.2 above clearly mentioning original period of service, service start date and service completion date/ commissioning date.
- For D: 3.1 (D) above, documentary proof shall be as per para B: 2.0 above.

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- 7.3 Bids from all bidders shall be evaluated and scores shall be allocated based on the documents submitted by the bidders. Individual scores given for each criterion shall be summed up for obtaining the total score/ mark of each bidder. **The minimum qualifying mark for the bidders as per above evaluation methodology is 40.** Bids not meeting the minimum qualifying marks in Quality Criteria shall be rejected. The Bids meeting the minimum qualifying marks shall be called "Qualified Bids" and shall be eligible Price Bid Opening for financial evaluation (Price Bid Evaluation) of the bid subject to complying other commercial criteria. Decision of the owner in this regard shall be final and binding on all.

E) EVALUATED BID PRICE:

- 8.0 Qualified Bids (meeting the minimum Qualifying Marks of 40 in Quality Criteria) and conforming to the terms & conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Evaluation Criteria shall be considered for further evaluation as per the Evaluation Criteria given below:
- a) Commercial Bids shall be evaluated taking into account the Price quoted against as per Proforma-B excluding GST.
 - b) Contract will be awarded for all the items as per Price Bid Format.
 - c) Lump sum cost must include all liabilities and taxes including statutory liabilities but excluding GST which shall be quoted separately in the Price Bid format.

F) INTER-SE-RANKING OF THE QUALIFIED BIDS:

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

An **Evaluated Bid Score (B)** will be calculated for each bid, which meets the minimum Qualifying marks of 40 in Quality Evaluation Criteria, using the below formula in order to have a comprehensive assessment of the Bid price and the Quality of each bid:

$$B = (C_{low}/C) * 100 * X + (T/Thigh) * 100 * (1-X)$$

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

Thigh= The total marks achieved by the best bid among all responsive bids against *Quality* criteria

X = weightage for the Price as specified in the Bid. i.e; X=0.4

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

- 9.1 The bid with the **highest Evaluated Bid Score (B)** will be considered as L1 bidder as per QCBS methodology mentioned above and **recommended for award of contract.**

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- 9.2 In the event of two or more bids having the same highest Evaluated Bid Score (B), the bid scoring the higher marks against Quality criteria will be recommended for award of contract.
- 9.3 In case of two or more bids having the same Highest evaluated bid score (B) and same Marks against Quality Criteria, then the L1 bidder shall be decided through draw of lots amongst the concerned parties.

G) GENERAL:

- 10.0 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.
- 11.0 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.
- 12.0 If any of the clauses in the BEC contradict with other clauses of the Bid Document elsewhere, then the clauses in the BEC shall prevail.

END OF PART – 2

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PART-3

GENERAL CONDITIONS OF CONTRACT**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.

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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):

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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.

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1.2.26 De-mobilization:

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

1.2.27 Willful Misconduct:

Shall mean intentional disregard of good and prudent standards of performance or proper conduct under the Contract with knowledge that it is likely to result in any injury to any person or persons or loss or damage of property of the Company or Third Party.

1.2.28 Gross Negligence:

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

1.2.29 Criminal Negligence:

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

1.2.30 GST Legislations:

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

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

2.0 CONTRACT DOCUMENT:

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

2.2 Entire Agreement: The CONTRACT constitutes the entire agreement between OIL and the CONTRACTOR with respect to the subject matter of the CONTRACT and supersedes all communication, negotiations and agreement (whether written or oral)

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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 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

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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 repre-

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sentative 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 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

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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 from 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.

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

Full address.

Branch Code.

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

Phone Nos., Fax Nos., E-mail address.

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

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

10.5 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.

10.6 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.

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

10.8 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.

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#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:**

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 COMPANY for the work done under this CONTRACT. It shall be the responsibility of CONTRACTOR to submit to the concerned Indian authorities, the returns and all other concerned documents required for

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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

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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

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(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: NOT APPLICABLE

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

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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:
- Kinds and amounts of insurance as required herein
 - Details of coverage
 - Insurance corporation or companies carrying the aforesaid coverage
 - Effective and expiry dates of policies
 - That OIL shall be given thirty (30) days written advance notice of any material change in the policy
 - Waiver of subrogation endorsement has been attached to all policies and
 - 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

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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:

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

“In respect of Insurance claims in which OIL’s interest is involved, written consent of OIL will be required”.

14.14 On account payment to OIL in case of claim

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

14.15 CONTRACTOR shall require all of its SUB-CONTRACTORS to provide such of the foregoing insurance cover as the CONTRACTOR is obligated to provide under this CONTRACT.

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

- i) **Workman Compensation and/Employers’ Liability Insurance:** Workmen's compensation and employer's liability insurance as required by the laws of the country of origin of the employee.
- ii) **Commercial General Liability Insurance:** Commercial General Public Liability Insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of CONTRACTOR required to fulfil the provisions under this Contract.
- iii) **Comprehensive General Automotive Liability:** Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits shall be governed by Indian Insurance Regulations.
- iv) **Carrier’s Legal Liability Insurance:** Carrier’s Legal Liability Insurance in respect of all CONTRACTOR’s items to be transported by the CONTRACTOR to the site of work, for physical loss or destruction of or damage to goods or merchandise, while in transit.
- v) **Public Liability Act Policy:** Public Liability Act Policy covering the statutory liability arising out of accidents occurring during the currency of the contract due to handling hazardous substances as provided in the Public Liability Insurance Act 1991 and the Rules framed there under.
- vi) **Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY):** CONTRACTOR shall, ensure that all his/its personnel deployed under this contract have obtained additional insurance coverage under the Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) through the participating banks and submit the proof of such insurance coverage to the satisfaction of OIL.
- vii) CONTRACTOR's equipment used for execution of the work hereunder shall have an insurance cover with a suitable limit (as per international standards).

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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-

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CONTRACTORS. The COMPANY shall protect, defend, indemnify and hold harmless CONTRACTOR from and against such loss or damage and any suit, claim or expense resulting there from.

- 15.6 Except as otherwise expressly provided herein, neither CONTRACTOR nor its servants, agents, nominees, assignees, CONTRACTORS, sub-CONTRACTORS shall have any liability or responsibility whatsoever to whomsoever for injury or illness, or death of any employee of the COMPANY and/or of its CONTRACTORS or sub-CONTRACTORS irrespective of how such injury, illness or death is caused and even if caused by the negligence of CONTRACTOR and/or its servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS. COMPANY shall protect, defend indemnify and hold harmless CONTRACTOR from and against such liabilities and any suit, claim or expense resulting there from.
- 15.7 The COMPANY agrees to waive its right of recourse and further agrees to cause its underwriters to waive their right of subrogation against CONTRACTOR and/or its underwriters, servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS for loss or damage to the equipment of COMPANY and/or its CONTRACTORS or sub-CONTRACTORS when such loss or damage or liabilities arises out of or in connection with the performance of the contract.
- 15.8 The COMPANY hereby further agrees to waive its right of recourse and agrees to cause it underwriters to waive their right of subrogation against CONTRACTOR and/or its underwriters, servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS for injury to, illness or death of any employee of the COMPANY and of its CONTRACTORS, sub-CONTRACTORS and/or their employees when such injury, illness or death arises out of or in connection with the performance of the Contract.
- 16.0 **LIMITATION OF LIABILITY:**
- a) Notwithstanding any other provisions herein to the contrary, except only in cases of willful 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.

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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

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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:

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- 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

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- 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.

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- 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 may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion on or before the due date. This will not prejudice the COMPANY's right to question the validity of the payment at a later date as envisaged in clause no. 27.4 above.
- 27.10 The acceptance by CONTRACTOR of part payment on any billing not paid on or before the due date shall not be deemed a waiver of CONTRACTOR's rights in any other billing, the payment of which may then or thereafter be due.
- 27.11 Payment of Final demobilization charges shall be made if applicable within 45 days on receipt of invoice by COMPANY accompanied by the following documents from the CONTRACTOR:
- Audited account up to completion of the Contract.
 - Tax audit report for the above period as required under the Indian Tax Laws.
 - Documentary evidence regarding the submission of returns and payment to taxes for the expatriate personnel engaged by the CONTRACTOR or by its sub-CONTRACTOR.
 - Proof of re-export of all items including the unutilized spares and consumables (excepting consumables consumed during the contract period) and also cancellation of re-export bond if any.
 - Any other documents as required by applicable Indian Laws.

In case, no 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.

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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, alongwith 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.

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- 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:**

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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:

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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 unauthorized imports.

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

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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 Guwahati and Principal Bench of Guwahati High Court.

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

The CONTRACTOR shall ensure full compliance of various Indian Laws and Statutory Regulations, as stated below, to the extent applicable, as stated below, but not limited to, in force from time to time and obtain necessary permits/licenses etc. from appropriate authorities for conducting operations under the Contract:

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

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

35.0 **LABOUR LAWS:**

- i) CONTRACTOR shall comply with the provisions of various labour related laws, including but not limited to the Code of Wages, 2019, Employee Provident Fund and Miscellaneous Provisions Act 1952, COMPANY's Liability Act

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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 Con-

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tract 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

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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:

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- i. Personal taxes on the personnel deployed by CONTRACTOR, his sub-CONTRACTOR/sub-sub-CONTRACTORS and Agents etc.
- ii. Corporate taxes and Fringe benefit tax in respect of CONTRACTOR and all of their sub-CONTRACTORS, agents etc.
- iii. Other taxes & duties including Customs Duty and GST in addition to new taxes etc. in respect of sub-CONTRACTORS, vendors, agents etc. of the CONTRACTOR.
- iv. Any liability on the CONTRACTOR, which was accrued under the old law or contract, which the CONTRACTOR is obligated to pay either to the COMPANY or to the Government Authority.

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

- i. Details of each of the input services used in relation to providing service to COMPANY including estimated monthly value of input service and GST tax amount.
- ii. Details of Inputs (material/consumable) used/required for providing service to COMPANY including estimated monthly value of input and GST paid/payable on purchase of inputs.

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

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

40.0 **SEVERABILITY:**

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

41.0 **Commission of misconduct/submission of fraudulent document by the bidder/contractor and Banning thereof:**

The information and documents furnished by the bidder/CONTRACTOR in respect of the tender/contract are accepted by COMPANY to be true and genuine. However, if it comes to the notice of the COMPANY anytime either during the pendency of the tender or after award of the contract or after completion the contract that a Bidder/CONTRACTOR furnished fraudulent document/false information in relation to the subject tender/contract or committed any misconduct, appropriate action shall be taken against the Bidder/CONTRACTOR for debarment/banning of the bidder/CONTRACTOR from participating in any future tender of the COMPANY in terms of the COMPANY's Banning Policy, 2017 besides

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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 INR 25.00 Lakh | Not applicable | Not applicable |
| 5. | Above INR 25.00 Lakh | Sole Arbitrator | OIL |
| | Upto INR 25 Crore | | |
| | Above INR 25 Crore | 3 Arbitrators | One Arbitrator by each party and the 3 rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators. |

ties 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 Depart-

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ments/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

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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

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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.

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- 44.4 **Termination on account of insolvency:** In the event that the CONTRACTOR or its collaborator or its guarantor at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt or under the process of insolvency or liquidation, then the COMPANY shall, by a notice in writing have the right to terminate the Contract and all the CONTRACTOR's rights and privileges hereunder, shall stand terminated forthwith.

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

- 44.5 **Termination for Unsatisfactory Performance:** If the COMPANY considers that, the performance of the CONTRACTOR is unsatisfactory, or not as per the provision of the Contract, the COMPANY shall notify the CONTRACTOR in writing and specify in details the cause of dissatisfaction. The COMPANY shall have the option to terminate the Contract by giving 15 days' notice in writing to the CONTRACTOR, if CONTRACTOR fails to comply with the requisitions contained in the said written notice issued by the COMPANY. In the event CONTRACTOR rectifies its non-performance to the satisfaction of the COMPANY, the option of termination may not be exercised by the COMPANY. If however CONTRACTOR repeats non-performance subsequently, COMPANY shall exercise the option to terminate contract by giving 07 days' notice. Such CONTRACTOR shall be put on holiday as per the Banning Policy of OIL [available at www.oil-india.in].
- 44.6 **Termination due to change of ownership and Assignment:** In case the CONTRACTOR's rights and/or obligations under this Contract and/or the CONTRACTOR's rights, title and interest to the equipment/ material, are transferred or assigned without the COMPANY's written consent, the COMPANY may at its option, terminate this Contract. COMPANY shall not be however under any obligation to accord consent to the CONTRACTOR for change of ownership & assignment of the contract.
- 44.7 If at any time during the term of this Contract, breakdown of CONTRACTOR's equipment results in CONTRACTORS being unable to perform their obligations hereunder for a period of 15 successive days, COMPANY at its option, may terminate this Contract in its entirety or partially to the extent 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 alongwith 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

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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 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:**

To 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.

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48.0 MISCELLANEOUS PROVISIONS:

- 48.1 CONTRACTOR shall give notices and pay all fees at their own cost required to be given or paid by any National or State Statute, Ordinance, or other Law or any regulation, or bye-law of any local or other duly constituted authority as may be in force from time to time in India, in relation to the performance of the services and by the rules & regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the services.
- 48.2 CONTRACTOR shall conform in all respects with the provisions of any Statute, Ordinance of Law as aforesaid and the regulations or bye-law of any local or other duly constituted authority which may be applicable to the services and with such rules and regulation, public bodies and Companies as aforesaid and shall keep COMPANY indemnified against all penalties and liability of every kind for breach of any such Statute, Ordinance or Law, regulation or bye-law.
- 48.3 During the tenure of the Contract, CONTRACTOR shall keep the site where the services are being performed reasonably free from all unnecessary obstruction and shall store or dispose 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.
- 48.4 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

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PART – 4

SECTION - I

SCOPE OF CONSULTANCY SERVICES FOR ENGINEERING, PROCUREMENT AND CON- STRUCTION MANAGEMENT (EPCM) FOR UP- GRADATION OF NSPL FACILITIES FOR TRANSPORTATION OF ADDITIONAL PROD- UCTS

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CHAPTER 1 - PROJECT DESCRIPTION

1.0 INTRODUCTION

OIL INDIA LIMITED (OIL), is a Government of India “NAVARATNA” Category Enterprise, engaged in the business of Exploration & Production & Transportation of Crude Oil, Petroleum Products and Natural Gas and Production of LPG in India with participating interest in E&P sector in various overseas projects.

The Pipeline Department of Oil India Limited deals with transportation of hydrocarbons to different refineries and thus operates a total of 1860 Km of Hydrocarbon pipelines, which comprises of 1206 Km of Crude oil trunk pipeline and 654 KM Product pipeline.

The Naharkatiya (Duliajan) – Barauni Crude Oil Pipeline of length 1157 Km, commonly termed as NBPL, has 10 Pump Stations and 16 Repeater Stations spread across 3 states of Assam, West Bengal and Bihar. The pipeline was commissioned in 1962/64.

The Numaligarh – Siliguri Multiproduct Pipeline of length 654 Km, commonly termed as NSPL, has 1 Despatch Station, 1 Receipt Terminal, 4 Intermediate Pigging Stations (IP) and 9 Sectionalizing Valve Stations spread across 2 states of Assam and West Bengal. The pipeline was commissioned in 2008.

The Details of Common Installation of Crude Oil and Product Pipeline are as under:

| NBPL Installations | NSPL Installations |
|---------------------------|---|
| | DT (Despatch Terminal-Numaligarh) |
| RS3-Kaziranga | SV1-Kaziranga |
| PS4-Sekoni | IP1-Sekoni |
| RS4-Ghani | SV2-Ghani |
| RS5-Jagiroad | SV3-Jagiroad |
| PS5-Guwahati | IP2-Guwahati |
| RS8-Dharampur | SV4-Dharampur |
| RS9-Barpeta Road | SV5-Barpeta Road |
| PS6-Bongaigaon | IP3-Bongaigaon |
| RS10-Pratapkhata | SV6-Pratapkhata |
| RS11-Chepani | SV7-Chepani |
| PS7-Madarihat | IP4-Madarihat |
| RS12-Binnaguri | SV8-Binnaguri |
| RS13-Odlabari | SV9-Odlabari |
| | RT (Receipt Terminal-Rangapani, Siliguri) |

Recently, OIL has undertaken Up-gradation of Pump Stations and Terminals Project (UGPS Project) for replacing all the old pumping units and its auxiliaries throughout the Crude Oil Pipeline with state of the art equipment and to optimize the use of Pipeline.

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2.0 PROJECT BACKGROUND

The NSPL pipeline of 406 mm (16") diameter is presently transporting different products of Numaligarh Refinery namely Motor Spirit (MS), High Speed Diesel (HSD) and Superior Kerosene Oil (SKO) from Numaligarh Refinery in Assam to Rangapani (Siliguri) Terminal in West Bengal. The pipeline is designed for a total throughput of 1.72 MMTPA. Product Pressure is boosted up at Numaligarh Despatch Terminal (NDT) and products are received at Rangapani Receipt Terminal. There are no Intermediate Pumping Stations (IPS).

The Cabinet Committee of Economic Affairs (CCEA) has given its approval to the project for expansion of Numaligarh Refinery Limited (NRL) from 3.0 MMTPA to 9 MMTPA. To evacuate additional product post Numaligarh Refinery Expansion Project (NREP) commissioning, it is envisaged to enhance capacity of NSPL from present 1.72 MMTPA to 5.5 MMTPA by incorporating Intermediate Pumping Stations without any major modification to the product pipeline.

OIL has carried out Detailed Feasibility Report (DFR) to study the feasibility for augmentation of NSPL pipeline capacity from 1.72 MMTPA up to Maximum Achievable Throughput. As per the DFR and OIL's internal assessment, maximum achievable throughput by setting up of Intermediate Pump Stations at existing IP stations and using DRA is 5.5 MMTPA.

Accordingly, OIL & NRL signed a MOU for enhancement of NSPL capacity from 1.72 MMTPA to 5.5 MMTPA within 48 months from their NREP Zero date of 27.07.2020.

3.0 PROJECT REQUIREMENT/SCOPE

In order to transport additional capacity of NSPL from 1.72 MMTPA to 5.5 MMTPA, OIL intend to setup Intermediate Pumping Stations at existing IP station locations of OIL and use DRA.

The project will be brown field in nature. Major activities in the project shall be preparation of site for new pump stations by dismantling old stations, engineering to achieve capacity enhancement, sourcing of grid power, procurement of materials and services, construction of new pump stations and Master Control Room (MCS), commissioning of new plants without major interruption of existing NSPL flow and handover for operations after performance testing.

The existing IP stations are located within the Crude Oil pumping station installations. Due to recent upgradation of Pump Station Project of NBPL, the old pump station and generator house buildings, sheds and equipment became obsolete and needs to be dismantled to accommodate new facilities. OIL is taking up dismantling of major buildings in these Pumping Stations separately where the new sheds are to be erected for this project as per the proposed Plot Plan and equipment layout in the DFR. However, EPCM consultant shall assess and carryout dismantling of the balance structures, piping, cable etc. as required, at all locations for accommodating new structure/building under the project.

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The Power required at Despatch Station (Numaligarh) and Receipt Terminal (Siliguri) will be provided by NRL and it is envisaged that the Power requirement at Intermediate Pumping Stations will be met through State Grid supply and the existing captive generation units shall be utilized for the NBPL facilities while also acting as stand by/Back up for NSPL in event of urgency. The Grid Power will be taken so as to cater to the entire requirement of Installation (NSPL & NBPL) including that of the Domestic/residential colony requirements.

However, the consultant while designing the electrical facilities of NSPL shall also design and implement electrical works for integration/change-over of Grid Power viz-a-viz with the existing Captive Generation Units for both NSPL and NBPL operation i.e; Operation of NSPL and NBPL facilities using existing Captive Generation units in absence of Grid Power and Operation of NBPL & Domestic requirement using Grid Power.

The Sourcing of Grid Power is in scope of OIL, However the downstream facilities which shall be required at NRL & IPS i.e; electrical works including cable laying from the NRL's substation at NDT and from the HT panel of Grid Power at IPS, is in scope of EPCM Consultant. EPCM in co-ordination with owner shall design facilities in such a way that in case OIL intends to install Generators (Gas Engine/Crude Engine etc.) at a later date, the facilities can be appropriately augmented.

The Consultant shall study the DFR and Internal study prepared in this regard and suggest for any changes/improvements before adopting the same.

The major scope of job involved are briefed below:

a. NDT – Numaligarh Despatch Terminal

Installation of new pumping units in addition to the existing pumping units including associated equipment/units such as Booster Pump, Basket Filter, Metering system etc. The existing pumps and new pumps shall be VFD driven and any augmentation as required to be done.

Study/Assessment of the suction pressure at required flow and check the adequacy of existing Piping from the Tankages for smooth operation of pumps and implement for any changes/new construction as required.

Installation of additional auxiliaries and other infrastructure facilities as required.

b. Intermediate Pigging Stations (Sekoni, Guwahati, Bongaigaon & Madarihat)

Setting up of entire Infrastructure such as Pumping Units, Electrical Works for Integration of Grid Power with existing Power facilities.

Dismantling of any existing structures to accommodate new structures.

c. RT – Rangapani Receipt Terminal

Design and Implementation of Receipt facilities.

Storage Tanks is outside the scope of OIL/EPCM. However, Consultant shall carry out surge analysis and assess the Tank Inlet Piping and implement any requirements.

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d. Other Requirements

SCADA: The existing SCADA of NSPL is old and becoming obsolete and Consultant shall entirely design new SCADA with LDS and other associated software's that are required as per International Standards and Statutory requirement for all IP and SV stations.

e. Design and implementation of DRA injection for achieving the envisaged throughput including procurement of DRA Skid and DRA Chemical as required for commissioning and for either 2 or 3 years of operation as agreed with the owner.

f. All the facilities shall be designed in such a way that there will be interchange of spares and optimum inventory for easy maintenance.

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CHAPTER 2 - SCOPE OF WORK OF EPCM CONSULTANT**1.0 INTRODUCTION**

The EPCM Consultant is being responsible for executing the project right from Design to Execution & project close out on total and single point responsibility basis. This section is to be read in conjunction with above Project Description Section. The EPCM CONSULTANT will be the “Engineer-In charge” for the said Project. The EPCM CONSULTANT at his own cost, responsibility and risk is encouraged to visit and examine the site of work and its surroundings, understand the logistics and obtain all information that may be necessary before submitting his bid. The Head of the Project Section of the owner will be the Project Manager.

2.0 GENERAL SCOPE OF WORK

As an EPCM consultant for the project, the consultant shall act as an extension of the Owner, always keeping in view Owner’s interests and advising/guiding the Owner on all important matters and ensure that the project is completed within specified cost and time with quality deliverables.

EPCM consultant shall be responsible for providing services for carrying out Basic Design, Detailed Engineering, Tendering Services, Procurement Services, and Construction management, Pre-Commissioning & Commissioning including Project Management for entire completion of project.

The scope of work of the EPCM consultant is broadly defined under the following heads however the list is not exclusive/exhaustive. EPCM consultant shall also be required to do the works not envisaged herein and specifically mentioned below, but otherwise required for overall completion of the project as a consultancy services, within the quoted price/awarded value of work to EPCM CONSULTANT.

- a) Site visits to Pump Station and Repeater Stations.
- b) Design & Detail Engineering including revalidation/review of Detailed Feasibility Report and other technical documents such as Design Basis, P&ID, Plot Plan etc. related to the job.
- c) Pipeline Operation and Control Philosophy (OPCP).
- d) Submit overall Design basis, Basic Engineering and Hydraulic Study including Surge Analysis.
- e) Assistance to owner for in obtaining Environmental Clearance, if required.
- f) Planning of detailed activities & Scheduling.
- g) Process HAZOP/HAZID study in consultation with owner.
- h) Project Procurement & Contracting Strategy.
- i) Preparation of drawings, Project Document Index & Project Information Management. 3D Modelling of all Pump Stations to be done.
- j) Preparation of MR’s/Material specifications, Job Specifications, SOP, Quality document (QA/QC).
- k) Item Wise Cost Estimation.
- l) Procurement Services. Tendering & ordering of all equipment, materials, services etc. including Preparation of tender documents RFQ, invite bids,

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including clarification to vendors / bidders, pre-bid meetings, evaluation of un-priced/ price bid, assistance during negotiations etc.

- m) Inspection/ Expediting of equipment/ Materials manufactured by vendors including contractors supplied items.
- n) EPCM CONSULTANT shall provide all technical documents / liaison assistance with statutory authorities like MOEF (Ministry of Environment & Forest), OISD, PESO, SPCB (State Pollution Control Board), Forest, Wild life Sanctuaries etc. for obtaining various statutory permissions.
- o) Materials Management. Management of Stores, Stores Accounting, Receipt and Issue of Materials and assistance for capitalization of the project in OIL's SAP.
- p) Forwarding recommendations as required for Awarding of Contracts/Purchase Orders as per OIL's "Integrated Procedure/Manual for Procurement of Goods & Services" or an approved "C&P Procedure" specific to the project.
- q) Preparation of letter of intent, work orders/purchase orders, contract documents/ agreements.
- r) Review and approval of design/drawings/ documents for material supply and work execution as submitted by vendors/ contractors/ suppliers.
- s) Project Cost Control, Project Management & Monitoring, Construction Management & Supervision and implementation of corrective action.
- t) Project Pre-Commissioning, Commissioning & Project Closeout.
- u) Ensure Quality control as per approved Quality Assurance plan.
- v) Risk Management of the project along with the detailed Risk Analysis (Qualitative as well as Quantitative).
- w) Health & Safety Management System complying with Statutory, Regulatory and National & International Standards.
- x) Certification and forwarding the vendors/contractors bills to Owner within stipulated time
- y) Complete assistance in Lodging of Insurance claims and realization of the same.

EPCM CONSULTANT shall work with the aim to complete the Project on or before the schedule, within the stipulated cost and shall follow all relevant & applicable international/national codes and standards.

3.0 REVIEW OF OWNER'S DATA AND INITIAL STUDIES

- a) Review the owner's data and documents (Existing Setup, Installation Drawing & Details, Pipeline Data, survey reports etc.) with regards to the pipeline system.
- b) Review of DFR and suggest necessary recommendations to meet the statutory and operational requirement.
- c) Review/Revalidation of Owner's DFR for Capacity enhancement Project of NSPL Pipeline and subsequent internal studies in this regards.
- d) EPCM shall submit report on the review/Revalidation of the above data and reports.

4.0 SITE VISITS

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- a) EPCM shall carryout site visit to Pipeline Installations (IP & SV) with Owner's personnel for assessing the site conditions and co-relate/supplement the same with the data made available by the owner.
- b) EPCM shall have a correct assessment of the Pipeline System and the proposed capacity enhancement project, infrastructure availability, approach roads for movement of men, material and heavy equipment to the site and other details as required.
- c) Site visit will cover apprx 6-8 days. Owner shall only arrange for the Local transportation by road to various Pipeline Installations (IP &SV). All other expenses of the EPCM including accommodation of EPCM personnel shall be to EPCM CONSULTANT's account.
- d) EPCM shall submit a report on their observations and findings.

5.0 CONTRACTING & PROCUREMENT STRATEGY/ EXECUTION METHODOLOGY

- a) Establish the Project Contracting & Procurement Strategy to ensure completion of the project within the stipulated time frame. While working out the Project Contracting & Procurement Strategy, due consideration shall be taken with regards to limited working window on account of long monsoon periods, work at geographically disjointed areas spread across different states, capability and availability of Works contractors and their resources and commitments.
- b) Material Procurement Strategy shall identify as to which material(s) to be procured by owner and which by the Works contractor(s) (viz. staggered delivery, Groups, splitting of orders between vendors etc.) to be adopted for this project. This Material procurement strategy by the EPCM CONSULTANT shall be based on EPCM CONSULTANT's experience, material procurement lead time, infrastructure/warehouse availability for storage of materials across different locations and any other important factors. Equipment/units shall be grouped/designed in such a way that there is optimum Inventory management of spares and post commissioning services. EPCM shall ensure procurement of major packages (Pump Package including VFD & UCP, SCADA & associated panels, HT panel etc.) of same Make/ Model.
- c) The major part of the Works contractors involves Civil, Structural, Piping, Mechanical, Electrical, Instrumentation and Commissioning works in geographically spread locations across different states. The Works strategy shall involve the number or type of packages in which the jobs would be executed within the timeline specified.
- d) EPCM shall also prepare strategy on the Warehousing and Material handling that may be required for proper and timely completion of Project after assessing the space availability in the existing warehouse constructed under UGPS Phase II project
- e) While establishing the Project Contracting & Procurement Strategy the EPCM CONSULTANT shall comply with the directions as stipulated in owner's

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“Integrated Procedure/Manual for Procurement of Goods & Services” or Approved “C&P procedure” adopted for the project and other Notification / guidelines being issued by Ministry, Government of India, Central Vigilance Commission etc from time to time.

6.0 ENGINEERING

This will comprise of but not limited to the following and delivered to OIL wherever applicable:

6.1 Basic Design & Detailed Engineering

EPCM consultant shall Basic Design and process flow design at initial stage keeping in mind the required specifications and shall be responsible for accuracy and completeness of the design package. EPCM shall also be responsible for detailed Engineering (in all disciplines) and ensure that all related works are completed within the projected cost and meet the technical and performance specification as per owner's requirement.

Equipment specification and installation design shall be conforming to all relevant standards, regulations and guidelines such as BIS/PESO/CEA-regulations/OISD/Petroleum Act/Factory Act, as applicable, etc.

The brief scope of work against each discipline is defined as under, however the list is not exclusive/exhaustive and shall also be required to do the works not envisaged herein and specifically mentioned below, but otherwise required for overall completion of the project.

6.1.1 Basic Design

- i) Preparation of Process Design Package consisting of design basis, carrying out optimization studies for augmenting Numaligarh – Siliguri Pipeline, review/update layout of facilities, PFDs, P&IDs, process/equipment data sheets, electrical/instrumentation data sheets etc., electrical load list, equipment/ material specifications including mainline pumps etc.
- ii) Preparation of Operation and Control Philosophy (OPCP) of NSPL system.
- iii) Preparation of conceptual designs for DRA injection, telecommunication, SCADA and apps (LDS and supplementary modules) and turnkey instrumentation.
- iv) Assessment of utilization of existing control room, Sub-station building for accommodating new facilities.

6.1.2 Detailed Engineering

- i) Carry out pressure calculation, Surge analysis and stress/flexibility analysis of piping systems with latest versions of commercially available softwares.
- ii) Prepare Material Take off (MTO), Bill of Material (BOM) for all procurement items.
- iii) Finalize electrical and instrumentation panel details at pumping stations/SV stations. Estimate power requirement at each station/terminals. Integration of electrical systems for existing electrical facilities with new facilities.

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- iv) Review of existing facilities and Designing for augmenting of existing HVAC system or Installation of New HVAC for the new facilities proposed for implementation under the NSPL enhancement project.
- v) 3D Modelling: Prepare 3D modelling of all Pump Stations and Terminals including Piping and equipment layout. The 3D modelling of the equipment, piping, structures etc. have to be intelligent and parametric in nature and modelling shall be done in 3D modelling software such as PDMS, SP3D, E3D. EPCM CONSULTANT shall also obtain the 3D drawing of major equipment from vendor / manufacturer and incorporate it in the model. The GAD, ISO & AFC drawings are to be extracted from the 3D model for construction. Also, EPCM CONSULTANT have to submit the updated Navis file of 3D modelling to CLIENT time to time so that it can be viewed in Navisworks for the model reviews / clash checking purpose.
- vi) EPCM should refer to latest version of IQCM (Industrial Quality Control Manual) so that the upgraded system is capable of adhering to quality standards prescribed in IQCM. EPCM should also suggest various batching scenarios for NSPL after this capacity enhancement.
- vii) Designing of DRA Skid and selection of DRA chemical.
- viii) Assessment of the CI dosing required for the NSPL operation and design and implementation of CI Dosing system at all locations.
- ix) Prepare typical construction drawings for Pump House, Control Room cum Substation Building and any other sheds/Buildings, as required.
- x) Adequacy of existing instrumentation/SCADA panels at SV stations and implementation.
- xi) Prepare single line diagrams of electrical systems and finalize load list for power and lighting loads to identify equipment ratings.
- xii) Technical specifications for station piping/ erection of equipment's etc.
- xiii) Arrange to prepare detailed "Approved for Construction (AFC)" drawings.
- xiv) To review/ approve the drawing/ documents prepared by vendors/ contractors for execution of the works.
- xv) HAZOP/HAZID study in consultation with owner.
- xvi) Prepare Safety Instrumented system and Cause & Effect Matrix.
- xvii) The new facilities are envisaged to be constructed within the OIL premises and requires dismantling of certain building/sheds which are old and obsolete. OIL is taking up for dismantling of major buildings, However, EPCM consultant shall also assess and carryout dismantling of any other units that are required for accommodating the new facilities.
- xviii) Design & augmentation of firefighting facilities as per OISD requirement at all locations.

6.2 Electrical

- i) Electrical Design basis.
- ii) EPCM shall assess and carryout necessary works for installation of New Motor with VFD and UCP/CDL panel for the existing Pumps at the NRL dispatch terminal in line with the new pumps to be installed.

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- iii) Prepare electrical load details for Dispatch/Receiving Terminal, Intermediate Pump Stations and Intermediate Pigging/SV stations (as applicable). Electrical loads of the existing utilities shall also be considered.
- iv) Power will be sourced through State Grid Power in Intermediate Pumping Stations. NRL will be supplying Power at Dispatch and Receiving Terminals
- v) All electrical works including installation of switchyards and equipment for evacuating Grid power, Cable laying and panels as required from source feeder of NRL and from the Grid Power equipment within the OIL installation is in the scope of the EPCM.
- vi) Prepare data sheets and material take-off
- vii) Prepare MR/PR, tender specifications for electrical works
- viii) Review and approval of Vendor/Contractor document/drawings
- ix) Prepare electrical drawings for construction including single line diagrams and other required drawings for licensed from authorities
- x) Prepare area classification drawings

6.2.1 Power Supply

The sourcing of Grid Power will be under scope of work of OIL. Discoms will provide power up-to our facilities either through O/H line or U/G cable up-to some isolating facility (Isolator/RMU) etc. near to our load center. However, beyond that point, design and construction of necessary power evacuation through suitable means will be under the scope of EPCM consultant. As power for this project will be sourced from Grid either in 33KV or 132KV voltage grade (123 KV is much more reliable than 33KV), EPCM has to design suitable means for evacuating power after Grid battery limit

For integration of existing electrical facilities with the new one, additional requirement in terms of switchgears, panels, transformers, cables etc. may be required. EPCM consultant has to consider these aspects while carrying out the detail engineering. Besides, these additional electrical facilities required for integration has to be capable of taking the full load of both old and the new system.

Existing electrical industrial facilities are of TP type (without neutral). However, considering the issues faced while carrying out O&M works and also considering additional electrical equipment that may be required due to the TP system, EPCM shall review the feasibility of considering new system with neutral i.e. TPN system and accordingly carry out the design and implementation of the same based on the findings. In doing so under the TPN system, EPCM has to carry out detail engineering as these new facilities are to be integrated with the old facilities.

All interconnectors, transformers, panels, incomers should be of one working one standby philosophy. All equipment, incomers should be capable of taking all the loads (both new facility & old facility).

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6.2.2 Substation & Distribution system

Detailed Engineering, Design, Execution, Procurement, Installation, Commissioning & Handing over of HT & MV electrical equipment/systems ,Distribution/ Switchgear Panels, Harmonic Filters, Capacitor Banks, OLTC Panels (if required), Motor Starter Panels, Battery Banks and Chargers or any auxiliary panels/ equipment, etc. at each pumping station with suitable Transformers, CBs, Switchgears, Protection systems (Fail safe/ Fail secure type), Interlocks, any other auxiliary/ filter components, etc., Earthling Systems, conforming to all relevant standards, regulations, guidelines such as BIS / PESO /CEA- Regulations /OISD guidelines/ DGMS, as applicable, etc. to cater all HT, MV & LT loads in the station including existing ones.

All cabling shall be as per applicable code. All the existing & retained loads shall be integrated with the new system suitably. All the critical operating parameters, status, conditions, etc. of the distribution system shall be interfaced with Mainline SCADA/ PLC Controls.

Energy Meters shall be provided for all Major Equipment and Industrial Power distribution and the same shall be interfaced with SCADA for measurement and monitoring purpose. The scheme and the equipment/HT/LT panels involved shall be as agreed with the owner.

6.2.3 Emergency Power

Review the adequacy of existing DG set for the NSPL operations and carry out the electrical works from the existing DG set to the newly installed facilities. In case the capacity of DG is not adequate, new DG of sufficient capacity shall be installed along with electrical works as required.

6.2.4 Main Pump & Motor

Detailed Engineering, Design, execution, Procurement, Installation, commissioning and handing over of Electrical Motor Driven Mainline Pumps at each Pumping station conforming to all relevant standards, regulations, guidelines, etc. such as NACE/CEA/OISD/BIS/PESO/DGMS, as applicable etc. with all protection, controls, interlocking etc. The same shall also include the installation VFD for the existing pumps at NDT. The motors shall have all the protective devices, controls, etc. The motor shall be VFD controlled conforming to relevant BIS standards or relevant IEC/ IEEE/ NEMA/ NACE Standards and VFD panels shall be placed suitably as per norms/ standards. All the operating parameters, status & conditions of protective devices etc. of the pumps, motors and critical accessories/ auxiliaries shall be interfaced with the Mainline SCADA/ PLC Controls.

For NDT, old motor driven DOL started pumps will be converted to VFD driven pumps. In doing so, EPCM has to carry out proper study in consultation with motor OEM and VFD OEM for proper functioning of the facilities. Also integration of these old pumps with the new ones to be considered and any

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additional requirement that may come for this integration is to be considered in the detail design

6.2.5 Plant Lighting, Earthing and Other jobs

Design, execution, procurement, Installation, commissioning of plant lighting system at each Pumping station with suitable Lighting Transformer along with all cable laying, fixing of LT D.B. panels/ boards, switch board etc. The critical plant lighting shall be interfaced with suitable auto changeover mechanism with emergency power wherever required. Also emergency DC lighting system to be considered at all critical location with sufficient backup facility. The panels, switchgear, boards, switch sockets, Light fittings at hazardous locations shall be flame proof type. All interconnecting cables shall be copper cables as per applicable code of suitable sizes.

Existing electrical facilities like PMCC panel, motors, light fixtures etc. used for NSPL operation are very old and obsolete. The condition and functioning of these facilities are to be reviewed by EPCM consultant and in case the same are out of date/obsolete/inadequate, then new electrical facilities with modern equipment and up to date safety system to be considered as replacement. This additional electrical facilities and corresponding civil works to be carried out by the EPCM consultant.

Design, procurement, Installation, commissioning of cathodic protection system as required for modified piping system including extending of CP signals from field to new/existing SCADA system as per applicable standards.

Design, execution, Installation & Commissioning of Plant Grid Earthing System along with preparation of earthing grid diagram as per IS- 3043- 1966 (Amended time to time)/OISD standards/DGMS, as applicable. While designing earthing system, EPCM has to design and carry out the works based on site wise soil resistivity survey. All earthings should be of maintenance free chemical earthing with separate Grid for telecom equipment, equipment and neutral.

In case the Sub-station/VFD and Control Room/RTU are being extended, EPCM shall review the adequacy of the existing HVAC system with augmentation as required for the new facilities. However, in case a new HVAC system is required, Design of HVAC system for control room and VFD room shall be complete in all respect including water/air cooled packages, pumps, AHUs, piping, ducting, grills, insulation etc.

The HVAC system required for Control room and VFD room may be water cooled or air cooled. EPCM has to carry out detail study to design a system which is efficient, user and environmental friendly, requires minimum space for installation and having flexibility in operation. Design of HVAC system shall be such that different rooms/areas/compartments have independent air handling unit. All AHUs & HRW (Heat Recovery Wheel) to be of variable speed type and these to be connected with VFD by suitable means. The system to be complete with electrical panel board with cabling & earthing. For Server Room HVAC system, EPCM to carry out detail study as Server may require precision type Air Conditioning System. If found applicable, PAC (Precision Air Conditioning) may be incorporated for server room.

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Any other items/ services, system or activities required to complete the above mentioned jobs/ works during execution of the project as per DFR shall remain in the scope of the EPCM Consultant.

EPCM to carry out detail design in such a way that all electrical equipment, machineries and panels that will be required should be of similar capacity, Make and standardized across all the stations so as to reduce the inventory management as well as for smooth operation. While tendering for the packages, EPCM shall also consider AMC work for electrical equipment such as HVAC, battery charger panel, heater panel, HT/LT panels etc. along with submission of cost of 100% operational spares in the bids of all electrical equipment.

In case of placement of new panels or any other electrical facilities within the existing sheds/building, EPCM shall plan and carry out such jobs involving modification, erection, or dismantling without any damage/disturbance to the existing facilities under operation and taking all necessary protection measures. In case of requirement of power supply interruption, EPCM shall inform OIL at-least 15 days in advance and take all care to plan and execute the job in such a way that the duration of disruption of power shall be minimal.

Single line Power and Load diagrams and Earthling Grid Diagrams shall be prepared and submitted for all the pumping stations. Moreover, EPCM shall arrange for printing & framing of the diagrams and display suitably in all Pumping Stations as per OISD standard.

6.3 Mechanical

- i) Prepare equipment data sheets and material take-off
- ii) Prepare MR/PR, tender specification for mechanical works
- iii) Submit the 3D models of Plant, equipment etc.
- iv) Review and approval of Vendor/Contractor document/drawings
- v) All mechanical equipment, machineries like Filters, Pumps, etc. are to be selected such a way that they will be of similar capacity, Make and standardized across all the stations so as to reduce the inventory management as well as for smooth operation.
- vi) Layout, General Arrangement Drawings and design of piping for various stations like Intermediate Pumping Stations/Dispatch/Receipt stations and Intermediate Pigging/SV stations (as applicable)
- vii) Data sheets for all accessories/spares related to items/works detailed in the tender documents.
- viii) Detailed technical specifications for all mechanical related items.

6.4 Telecom

- i) Telecom design basis.
- ii) Review of existing facilities to be done and recommend for utilization/augmentation of existing facilities wherever possible.
- iii) Prepare data sheets and material take-off
- iv) Prepare MR/PR, tender specification for telecom works
- v) Review and approval of Vendor/Contractor document/drawings

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- vi) Prepare Telecom/SCADA interface drawing/document
- vii) Back up communication links / channels for SCADA and other facilities as per statutory requirement
- viii) Review of existing CCTV network and implementation of the additional system for the new facilities as per statutory and security requirements.
- ix) Review and approve all engineering and FAT documents.
- x) Prepare FAT/SAT procedure
- xi) Carry out Factory Acceptance testing.
- xii) Carry out site acceptance testing.
- xiii) Trail Run of the system as per the schedule/plan prepared by EPCM in consultation with OIL.
- xiv) Overall package supervision and commissioning of telecom system and integration

6.5 SCADA

Detailed Engineering, Design, Execution, Procurement, Installation and Commissioning & Handing over of SAT cleared SCADA and APPS systems at SMCS, DCS and all other envisaged locations. A suitable location shall be suggested by the EPCM for the SMCS & DCS and implemented accordingly on concurrence from the owner. Extension job / jobs at various locations, wherever required to accommodate new panels shall be done in such a way that existing control system used for pipeline operations, is not affected by construction activities.

- i) Carryout SCADA Project Management activities at SMCS & DCS
- ii) Prepare design basis. The design shall be based on process design basis, Operation and control philosophy (OPCP) & safety and statutory requirement.
- iii) Adequacy of existing APPS installed in the existing system shall be evaluated for their utilization.
- iv) EPCM shall ensure that the vendor shall provide SCADA hardware and software packages of latest model/version.
- v) Review of DFR and suggest necessary recommendations to meet the statutory and operational requirement.
- vi) EPCM shall ensure that RTU, PLC and SCADA are sourced from single OEM.
- vii) Implement Cyber security and network management system for SCADA network including hardening technique using both hardware and software
- viii) Prepare MRs / Technical specifications for SCADA & APPS package and complete in all respects.
- ix) Review and approve all engineering drawings, data sheets, FAT, SAT, S-built documents etc.
- x) Carryout SCADA Project Management activities.
- xi) Carry out Factory Acceptance Testing & Site Acceptance testing.
- xii) Co-ordination with instrumentation, civil, composite work, electrical, CP & telecom system vendors for commissioning of SCADA
- xiii) Prepare detailed drawings / documents necessary for commissioning of SCADA system.

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- xiv) Installation and commissioning of SCADA and APPS package. Trail run of the system as per the schedule/plan prepared by EPCM in consultation with OIL.
- xv) Handover of software licenses and project backups for all systems and sub-systems.
- xvi) Prepare & Handing over of final documentation (including as built)
- xvii) Technical assistance to vendor for obtaining all the statutory licenses and permissions under various acts for SCADA & APPS package.

6.6 Instrumentation

Detailed Engineering, Design, Execution, Procurement, Installation and Commissioning & Handing over of SAT cleared instrumentation system at all envisaged locations.

Extension job / jobs at various locations, wherever required to accommodate new panels shall be done in such a way that existing control system used for pipeline operations, is not affected by construction activities.

- i) Review & Preparation of P&IDs, Operation and control philosophy for SCADA compatibility & APPS requirement
- ii) Prepare design basis. The consultant shall design the entire instrumentation system based on process design basis, OPCP, safety and statutory requirement.
- iii) Review of DFR and suggest necessary recommendations to meet the statutory and operational requirement.
- iv) Replacement of all existing instruments & Installation of all new Instruments for NSPL operation.
- v) An RTU based PLC system (including safety PLC) for station control & operation as per requirement.
- vi) Prepare matching instrumentation for SCADA system based on design basis.
- vii) EPCM shall ensure that the vendor shall provide SCADA hardware and software packages of latest model/version.
- viii) Two working and one standby (2 W + 1 S) metering system at all Pumping stations and Receiving Terminal to be considered. Custody transfer mechanism (Metering System) as per latest statutory requirements and international industrial practice. Options for Meter proving shall be provided to OIL. One density meter at each of Pumping stations & Two density meters at RT is required. Adequacy of existing density meters to be checked for their utilization and if required to be replaced.
- ix) Implement Cyber security for any instrumentation/PLC/RTU network systems.
- x) Provisioning of appropriate AC and DC power supply with adequate back-up (UPS system) for SCADA system at all stations. Adequacy of existing UPS systems utilized for crude oil line to be evaluated for their utilization for NSPL systems.
- xi) Earthing system shall be designed and installed as per best industrial practices and statutory norms. Lightning and surge protection system shall be provided for all equipment's, instruments and wherever necessary as per best industrial practice and statutory norms with independent earthing system.

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- xii) Finalize instrument data sheets and prepare material take-off.
- xiii) Prepare MR/PR, tender specifications for instrumentation systems
- xiv) Review and approve all engineering / FAT / SAT/ Vendor/Contractor document/drawings.
- xv) Co-ordination with SCADA, civil, composite work, electrical, CP & telecom system vendors for commissioning of various instrumentation systems / subsystems
- xvi) Prepare Instrumentation & SCADA interface drawings / documents
- xvii) Integration and commissioning with SCADA.
- xviii) Carry out Factory Acceptance testing.
- xix) Carry out Site Acceptance testing.
- xx) Handover of software licenses and project backups for all systems and subsystems envisaged under instrumentation package.
- xxi) Handing over of AS-built /drawings/ documents.
- xxii) Technical assistance to vendor for obtaining all the statutory licenses and permissions under various acts for instruments and systems.
- xxiii) Preparation of change over plan required for transition from old to new.
- xxiv) Recommendation of Office, Workshop & Infrastructure facilities as per operational requirement

6.7 General civil

- i) Review/update and adopt the soil investigation/soil resistivity/hydrological data collected in Pump Stations/Terminals as submitted by the OWNER.
- ii) EPCM shall envisage any additional requirement of surveys as required and implement the same through a suitable contractor engaged under the Contract.
- iii) Preparation of specifications for geo-technical survey and carryout survey through contractor if required.
- iv) EPCM shall review the feasibility of extension of Existing Sub-Station cum VFD building at all IP stations for accommodating new electrical panel/equipment and implement the same accordingly.
- v) EPCM shall review the feasibility of extension of Existing Control Room cum RTU building at all IP stations for accommodating new Control Room/RTU Panels and implement the same accordingly.
- vi) Prepare the design basis including requirements for fire-fighting and safety aspects.
- vii) Design and Implementation of the EOT/HOT cranes in existing & new sheds wherever required.
- viii) Civil facilities like road, drain, and boundary wall.
- ix) Prepare plot plans including Layout considering all statutory requirements.
- x) Prepare area drawings.
- xi) Prepare MR/PR and material take-off
- xii) Prepare tender specifications for general civil works
- xiii) Review vendor/contractors documents/drawing
- xiv) All new buildings, sheds and cable trench shall be constructed with fire fighting arrangement as per latest OISD Standards.

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- xv) Prepare & issue drawings required for construction including foundation drawings.
- xvi) All Civil works related with Intermediate Pigging stations (IP)/ Dispatch / Receiving stations and Sectionalizing Valve Stations (SV) as applicable.

6.8 Structural

- i) Prepare Design Basis
- ii) Prepare layout drawings for buildings.
- iii) Prepare material take-off.
- iv) Prepare tender specifications for structural works.
- v) Prepare drawings required for construction.

6.9 Architecture

- i) Prepare Architectural drawings.
- ii) Prepare material take-off.
- iii) Prepare tender specifications.
- iv) Overall plot plan.
- v) Site grading plan and layout of roads/storm water disposal/sewage disposal at above locations,
- vi) MTO and MR for all items.

6.10 Safety

- i) EPCM will be responsible for carrying out Job Safety Plan, HAZOP study during detail engineering, construction & commissioning and ensure that all design changes required to be incorporated during construction have been taken care.
- ii) EPCM will be responsible for preparing the Job Safety Plan, Safe Operating Procedures (SOP), Safety & Environmental Protection Manual and submit the same before commencement of commissioning of the pipeline system.
- iii) EPCM is required to provide information for display of safety board / posters for placing them during construction and operational phase of pipeline.
- iv) EPCM will be responsible for execution of works by following all safety measures and ensure no deviation is taken in adopting safety standards, at any cost during construction.
- v) Review of existing Fire-fighting facilities at dispatch/ receipt stations and other locations as per latest OISD standards and augmentation of the same as required.
- vi) Fire detection, alarm and suppression system in control room/Sub-Station at Pump Station/Terminal. The fire alarm & detection system signals are to be integrated with Fire suppression system and also with existing fire system in operation.
- vii) UV Hydrocarbon detector, IR type flame detector, Smoke Detector etc. to be provided at locations including response indicators as required as per latest OISD and other statutory norms with control panels in control room and signal to be extended to station PLC.

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6.11 Other jobs

- i) Implementation of all Civil, Structural, Mechanical, Electrical & Tele-Communication jobs as required for installation of DRA injection Skid with metering system and other monitoring devices including flow controlling devices such as Control Valve/VFD etc.
- ii) Arrange for procurement of DRA chemical for 2 or 3 years of operations.
- iii) All the DRA parameters shall be interfaced with SCADA for monitoring and controlling purpose.
- iv) At present, CI Dosing is being carried out in NSPL at 2 locations (Numaligarh & Guwahati) and EPCM shall assess the requirement of CI Dosing at other locations and implement the same.
- v) Implementation of all Civil, Structural, Mechanical, Electrical & Tele-Communication jobs as required for installation of CI Dosing Skid with metering system and other monitoring devices including flow controlling devices such as Control Valve/VFD etc.
- vi) All the CI Dosing parameters shall be interfaced with SCADA for monitoring and controlling purpose.

7.0 COST ESTIMATION

- a) Prepare cost estimate against each package/item and submit to owner, including basis for cost estimate.
- b) This cost estimate shall include all factors of major cost significance and shall be complete with necessary documentation to support the cost estimate.
- c) Preparation of accurate estimates in time (based on past data/ CPWD basis/ local state Schedule of Rate / Market rate Analysis) for procurement items and works is an important activity in Cost Estimation.
- d) Price difference of L1 bidder with Positive deviation beyond 10% of cost estimates may call for revisiting of the cost estimate, analysis and submit findings to Owner.
- e) Prepare cost status reports as per agreed periodic basis.
- f) PMS shall ensure that the estimated quantity considered for the works tender based on detailed engineering is as per requirement and does not have significant deviations or additional requirements during execution. OIL lays strong emphasis on the accuracy of the estimates and in case the deviation of any individual works contract exceeds 10% of the contract value or the additional/extra items exceeds 10% of contract value for the reasons solely attributable to EPCM then recovery shall be made from the EPCM CONSULTANT as below:
(3% of Excess Deviation amount above 10%) or (Excess Deviation in % x 2.5% of EPCM CONSULTANT Cost) whichever is lower

8.0 PROCUREMENT (MATERIALS & SERVICES)

The EPCM will be responsible for preparing the Tender documents for material purchases and works contract required for completing the Project with all deliverables. The tender documents shall incorporate the standardized "General

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Conditions of Contract” and “Instruction to Bidders”. The tendering shall be done as per OIL’s “Integrated Procedure/Manual for Procurement of Goods & Services” or “Modified C&P procedure” adopted for the project and in line with Notification / guidelines being issued by Ministry, Government of India, Central Vigilance Commission etc from time to time. All the tenders against the subject Project shall be floated in the OIL’s E-Tender Portal. The envisaged activities include;

- i) Establish scope and specification of Materials/ Items.
- ii) Establish scope of Work to be carried out by the Works contractor.
- iii) Establish Schedule of Rates (SOR) which will be part of RFQ
- iv) Establish the Scope of Work under the AMC for various packages as required in consultation with the owner
- v) Establish Special terms and conditions, Data Sheet/Checklist, Forms and Formats for RFQ document as per National/International standards.
- vi) Preparing and floating tender enquiries (OIL website, EPCM website etc.) as per the latest guide lines including formulation of Bid evaluation criteria.
- vii) EPC contractor shall ensure that the Vendor shall provide support and spares on the supplied items for at least 10 years.
- viii) Provide all clarification to vendors / bidders
- ix) Attend pre-bid meetings and provide all clarifications & details/data
- x) Carry out techno- commercial evaluation of bid’s and submit Price Bid Opening recommendations and Award recommendation in-line with the Owner’s procedures.
- xi) Consultant shall make efforts for getting maximum number of techno-commercial valid offers for all material purchases/ works to ensure proper competition.
- xii) Prepare draft LOA/Purchase Order/Contract Agreement for issuance by the Owner
- xiii) Prepare purchase status reports and Monitor/Expediting procurement progress.
- xiv) Approval of supplier/vendor’s Drawings / Engineering details/ Designs in time.
- xv) Assisting for timely and proper transportation, logistics and material management.
- xvi) Approved Vendors: A Master vendor list shall be prepared by EPCM for supply of all material and equipment packages and submitted for owner’s concurrence along with all supporting documents. This list shall be based on consultant’s experience with vendors and financial capability. Vendor list as available with the owner shall also be provided. Vendors on holiday list of OIL’s/ Consultant or under NCLT/liquidation shall not be considered during tendering.
- xvii) EPCM shall obtain from the vendors/suppliers, the best possible warranties and guarantees covering workmanship and materials for the benefit of the owner and will take all steps to ensure that such warranties and guarantees are enforced. (Same shall be within the framework of the Owner’s C&P

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- procedure). The EPCM CONSULTANT shall be completely responsible for all warranties / guarantees related to the design being done by them.
- xviii) The EPCM shall manage and conduct the purchase of materials and services. Consultant shall be responsible for issuing enquiries to those vendors on approved vendor lists, expediting receipt of quotations, evaluating the bids and submitting recommendations to the Owner for approval.
 - xix) Consultant shall prepare MR/PR in such way that surplus generation is bare minimum.
 - xx) The cycle time for completion of each intermittent activity for pre-ordering/post-ordering shall be prepared by EPCM and submitted to owner at the start of contract/order and shall be maintained so as to achieve timely completion of the project as per targeted completion schedule. The same will be highlighted in the Execution Plan to be submitted by EPCM.
 - xxi) EPCM shall forward the bills to the Owner, duly verified and certified for payment, within the stipulated time from the date of receipt.
 - xxii) Any other item to make the RFQ complete shall be carried out by EPCM. Details of RFQ to be discussed with Owner for concurrence, EPCM shall deliver all the technical specifications, designs to fulfill the Works contract requirements.

9.0 MATERIAL INSPECTION AND EXPEDITING

- i) The EPCM should expedite submission of required drawings, QAP, ITP, procedures by vendors in order to expedite the procurement of materials and timely delivery to site.
- ii) Granting approval to all drawings / documents submitted by vendor within 1 (One) weeks of the submission of document by vendor / contractor.
- iii) Establish vendor's manufacturing and delivery schedules.
- iv) Expedite with vendor's for timely action.
- v) Qualify and approve vendor's procedures in-time.
- vi) Carryout inspection of all major items and packages directly Purchased by EPCM /Owner or supply items under Works Contractor scope. However, certain items such as fittings, flanges, pressure transmitters/gauges may be inspected by an OIL approved Third party Inspection agency (TPIA).
- vii) Prepare & submit a list of all the items that are to be inspected by EPCM or by TPIA for owner's approval.
- viii) The ITP procedure against all items shall have to be approved by EPCM in consultation with the owner.
- ix) Owner may depute its representative for inspection of major packages/items. EPCM shall in advance inform the tentative date of inspections.
- x) All charges for domestic inspections / expediting is in the scope of the EPCM.
- xi) Ensure that items procured by Works contractors are acceptable as per PO/Contract specifications and standards.
- xii) Carryout inspection of the items procured through the Works contractors by professionals of concerned discipline/system from consultant's manpower wherever required.
- xiii) Expediting the inspection, deliveries of materials

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- xiv) Witness performance/acceptance tests as applicable.
- xv) Prepare periodic inspection and expediting reports.
- xvi) For Tour within India, no amount is payable separately by the Owner under any heads and shall be included in the EPCM CONSULTANT quoted price only.
- xvii) EPCM CONSULTANT shall certify the Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT) of various procurement items. EPCM CONSULTANT shall witness & certify in the presence of vendor. The Owner may depute its representative along with EPCM CONSULTANT personnel.
- xviii) All activities pertaining to Inspection at vendors & contractor's works shall be the complete responsibility of the EPCM CONSULTANT.
- xix) EPCM CONSULTANT is required to issue final "Inspection Release Note". However, in case of free-issue items where OIL Approved TPIA is involved, EPCM consultant shall issue "Dispatch Clearance" based on the Inspection report submitted.
- xx) The Inspection and test plans (ITP) for material and construction site activities shall be developed/reviewed and approved by the EPCM in consultation with the Owner.

10.0 CONSTRUCTION

10.1 Construction Management

- i) Providing specialized guidance and assistance for development of construction methodology for all construction activities including review and approval of construction procedures and methodology.
- ii) Review contractor's resources and schedules
- iii) Ensure adherence to established work procedures/specification
- iv) Mobilize adequate manpower to carry out construction supervision activities.
- v) EPCM Consultant to deploy adequate no of competent personnel to manage, monitor & execute work in respect of Mechanical, Electrical, SCADA, Telecom & Instrumentation works at various stages as per approved organogram and deployment schedule. The stages envisaged includes detailed Engineering, Design, Execution, Procurement, Installation and Commissioning & Handing over of Equipment, SAT cleared SCADA, Instrumentation and telecom systems at all locations as per approved documents
- vi) Supervision during the surveys and soil investigations when carried out by the contractor(s).
- vii) Carryout construction supervision activities based on the approved construction drawings.
- viii) Carryout progress measurement, scrutiny, works certification of contractor's bills for payments (including final bills).
- ix) Deviations, extra items, time extension etc. of the contractors are to be analyzed and forward the recommendations on immediate basis to owner whenever such occurrence is envisaged. Time Extension are to be forwarded prior to expiry of the contract.
- x) Prepare and implement all necessary procedures to ensure compliance to HSE norms for safety of personnel working in field activities / field inspection /

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- testing. Also ensure that all precautions and safety measures required to be adopted while working on live hydrocarbon pipelines or in/near hazardous zones are fully adhered to.
- xi) Inspection Engineers deployed shall check and ensure quality of work, including interpretation of RT/ UT etc. Inspection Engineers shall certify quality of the work through formats.
 - xii) Ensure all personnel working near the live pipeline and near Hazardous zones are fully aware of the various safety hazards.
 - xiii) Prepare a Risk Management plan for the project along with the detailed Risk Analysis (Qualitative as well as Quantitative) and integrate the same with Owner's existing Disaster Management Plan.
 - xiv) Carryout supervision activities based on the established work procedures.
 - xv) Inspect & supervise the work as per established Quality Assurance Plan and check conformity as per the established Quality Control standard. EPCM CONSULTANT shall certify the same through formats.
 - xvi) Carryout progress measurement, scrutiny, works certification of contractor's bills for payments. EPCM CONSULTANT shall forward duly certified bills to OIL for payment without undue delay.
 - xvii) Review and certify as built drawings prepared by respective Work Contractors.
 - xviii) Process recoveries from Works Contractor(s) for issue of Owners materials, hire charges, rents and taxes etc. as per provision of the contracts.
 - xix) Initiate action for arranging services of vendor's specialists if required during the execution of the Works Contract.
 - xx) EPCM shall maintain Hindrance Register at all sites to record all hindrances encountered during execution of works at each site in owner's format. The items of works affected due to any hindrance should be clearly recorded in the Hindrance Register and the EPCM Site Engineer as well as the site representative of the Contractor will sign on the register against the recorded hindrance. This will help in establishing the delay analysis of the works contract.
 - xxi) Consultant shall be responsible for resolution and submission of recommendations with analysis on extra claims / disputes / arbitration cases raised by the contractors/ vendors. Final acceptance/settlement shall be taken care of by Owner.
 - xxii) For the period upto 24 (Twenty-Four) months after the completion of the project and closure of EPCM contract whichever is later, the EPCM CONSULTANT shall provide any assistance on technical and commercial issues from his Home Office at no extra cost to Owner. In case any visit is to be undertaken by EPCM CONSULTANT's personnel related to such services, travel related expenses shall be reimbursed by Owner at actual.
 - xxiii) However, in case Owner desires any such services from EPCM CONSULTANT beyond 24 months after project completion, EPCM CONSULTANT shall provide the same on per-diem rate reimbursable basis, wherein if any travel is required travel related expenses shall be reimbursed by Owner at actual.
 - xxiv) For any rectification works during Defect Liability Period (12 Months from the date of completion of the project) of any Works contractor(s) / purchase(s),

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EPCM CONSULTANT shall extend their supervisory / technical assistance at no extra cost.

- xxv) All Boarding, lodging, transportation, Resident/Site/camp office, office infrastructure, required by the EPCM CONSULTANT for execution of the job shall be to EPCM CONSULTANT's account. However, Owner shall make all endeavor to provide vacant quarters/offices in Pump Stations to the EPCM CONSULTANT at applicable charges.
- xxvi) Prepare monthly & weekly construction progress status reports for all works at each site. All progress shall be duly reviewed and analyzed by consultant, with any reasons for delay, if occurred, shall be provided before forwarding it to owner.
- xxvii) Resident Construction Manager (RCM) shall be responsible for all the activities related to work at site including assistance to Owner for liaison with local authorities.

10.2 Stores & Materials Management

EPCM CONSULTANT shall be fully responsible for materials management for goods / material purchased by owner from various suppliers. EPCM CONSULTANT shall keep proper custody of goods and shall be responsible for losses/damages/shortages, if any, and will report to owner immediately upon noticing the same for further action.

EPCM CONSULTANT shall assess the existing storage space at various pump stations and arrange for construction of additional/New temporary storage shed as required for safe storage of materials. The storage shed shall be planned for construction in such a way that the same is completed and ready before the receipt of materials. The space for construction as required shall be finalized in consultation with the owner.

EPCM CONSULTANT shall also arrange for Material handling services through any contractor for loading/unloading/shifting of materials/goods received from the suppliers, proper storage of the materials, re-concillation and also for up-keepment and security of the storage space.

EPCM CONSULTANT shall deploy Stores officer responsible for the entire management of Stores and materials.

The scope of material management services to be provided by EPCM CONSULTANT shall include, but not limited to:

- i) Inspect incoming materials and certify their invoices for payment.
- ii) Inspect incoming materials procured by Contractor and prepare reports.
- iii) Inspect the condition of goods received and issue a Goods receipt report.
- iv) Issue Owner's material to Works contractors/Vendors for construction/erection/ commissioning and prepare stores/material issue voucher.
- v) EPCM CONSULTANT shall check the materials received viz-a-viz the vendor's obligation as per PO and submit the shortcomings, if any. EPCM shall expedite

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with the vendor for supply of balance materials. In case the same is not realized from the vendor, the expenses towards the same shall be deducted from the EPCM.

- vi) Prepare reconciliation statements to enable owner to check and take over balance store, along with requisite inspection certificates/ documents etc. as required.
- vii) Materials management is to be done through OIL SAP, necessary authorization and access for using SAP system shall be provided to the EPCM Consultant stores persons. OIL reserves the right to provide authorization.
- viii) On receipt of materials at site, EPCM shall generate Inward and Goods Received Note in OIL's SAP. Necessary guidance for the same shall be provided by the owner.
- ix) Maintain a record and submit report monthly or quarterly as agreed with the owner, indicating the stock in store, material in transit, material issued for works and balance material to be received as per PO's issued.
- x) EPCM CONSULTANT shall prepare an online system (Excel or through any other software application) and update the materials received/issued such that the owner shall check the stock as and when required.
- xi) Preparation of GRV's (Goods Receipt Voucher) in real time on receipt of material at site store and Service Entry Sheet (SES) in SAP along with invoice/ RA bills.
- xii) MTN (Material Transfer Note) – in / out on usage of material from existing inventory in owner on real time basis.
- xiii) Insurance policies of the Project shall be taken by owner. However, documents and other assistance for lodging of insurance claims and realization of the same shall be done by the EPCM Consultant.
- xiv) EPCM shall immediately notify the owner on the incident of any damages or missing items or short supply for timely lodging of Insurance Claims and shall report the same in the consignment note in case of transit damages.

10.3 As Built Drawings and Final Documents

- i) Follow up with vendors and contractors for as-built drawings/ documents in required software and hardcopy format, review/approve the same and forward to owner.
- ii) Soft Copy of Drawings:
EPCM shall submit the final drawings issued for construction/manufacturing in editable AUTOCAD format as well as PDF to owner. Further in cases of drawing generated by Vendor/Contractor such as the equipment details, As built drawings etc., the EPCM CONSULTANT shall also arrange for submission of all such drawings in AUTOCAD format to the owner.

11.0 PROJECT MANAGEMENT AND CONTROL

11.1 Planning and scheduling

As a EPCM CONSULTANT for the job, the consultant shall act as an extension of the Owner, always keeping in view the Owner's interests and advising/guiding the Owner on all important matters and ensure that the project is completed within

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specified cost and time with quality deliverables. The EPCM CONSULTANT shall be completely responsible for preparing project plans and schedule in line with the Overall Project Schedule provided by the owner

This shall include but not limited to the preparation and submission of:

| | |
|-------|--|
| a. | Work Breakdown Structure(WBS) incorporating |
| i. | Basic Engineering |
| ii. | Detailed Engineering |
| iii. | Tendering |
| iv. | Ordering |
| v. | Manufacturing |
| vi. | Inspection & Expediting |
| vii. | Delivery |
| viii. | Construction Work |
| ix. | Commissioning |
| x. | Project close out |
| b. | Project Network Diagrams, Pert/Gantt Chart, I-J list |
| c. | Project Activity List, Milestones incorporating the Early Start, Early Finish, Late, Late Start & Late Finish Dates, Total Float, Free Float against each activity |
| d. | Project Overall Percentage Schedule: Monthly Breakups, and Cumulative Breakups for each element/WBS wise |
| e. | EPCM Consultant Organogram for Project Office & Construction Site Office & deployment schedule. |
| f. | Inspection Schedule and Plan |
| g. | Project Planned Cash Out Flow in accordance to the envisaged / actual dates of delivery / construction. |
| h. | Project Communication / Coordination Plan |

- i) The project schedule (Network diagram & IJ list) shall be prepared and submitted to owner within 15 days from the Kick-off Meeting.
- ii) The Project schedule shall be prepared in Oracle Primavera (Prima P6) software in the OIL's server and the owner shall provide the credentials for the same. Simultaneously, EPCM shall also maintain the Project Schedule in their own server/software and update the same regularly.
- iii) EPCM CONSULTANT shall prepare minimum Level-3 schedule (Project Coordination schedule or PCS) at the beginning of the project considering CPM overview of the project. As the project progresses Level-3 schedule is to be expanded in to Level-4 (Project Working level schedule) with more detail for coordinating the execution works. Both Level 3 and Level 4 schedules should be developed as CPM (Critical Path Method) networks.
- iv) Level 5 Schedule (Detail Schedule): The further breakdown of the activities of a Level 4 Schedule may be prepared where ever deemed necessary to map out

- the detailed tasks needed to coordinate day to day work in a specific area considering inputs from sub-contractors / vendors.
- v) The scheduling of overall Project and Construction schedule to be done in Primavera on monthly basis so that the critical path of the project can be assessed and timeline action can be initiated.
 - vi) Prepare monthly progress reports for the project and provide all assistance to owner for preparing reports required by Ministry Monitoring cell. The project shall be monitored by MOPNG (Ministry of Petroleum & Natural Gas) through Ministry Monitoring Cell (MMC). Strict adherence to submission of all documents, reports, presentations, queries from Ministry needs to be prepared and submitted on time.
 - vii) The Monthly report shall provide the Monthly progress breakup of the project and cumulative achievement against the scheduled targets. A catch up shall be prepared on quarterly basis for timely action.
 - viii) Prepare Project Financial commitment schedule. The Monthly report shall also provide the planned cash outflow vs actual.
 - ix) The Monthly report shall also include the Site Manpower deployed by the EPCM CONSULTANT.

11.2 Project Management

The EPCM CONSULTANT shall be completely responsible for the entire Project Management wherein they shall be required to work in close coordination with the Owner. For efficient and timely completion of the project the EPCM CONSULTANT shall be required to:

- i) Prepare and submit a detailed Project Management Plan.
- ii) Prepare a detailed Project Schedule
- iii) Prepare and submit project organization chart to Owner.
- iv) Establish Communication Procedures in Concurrence with the Owner
- v) Establish Procedures for various activities to be performed for various activities like Tendering, Ordering, Manufacturing, Inspection, Delivery.
- vi) Define "Scope of Work" for various groups.
- vii) EPCM shall attend Project Review Meetings with the Owner on Monthly or as per agreed schedule. The location & mode of the meeting shall be decided by the owner.
- viii) EPCM CONSULTANT shall participate in the need based Review meetings organized by Owner's management at Project/ Corporate/ Site offices of Owner and also at Vendor's/ Contractor's offices (in India) from time to time for expeditious completion of the project.
- ix) RCM to attend Weekly Review Meeting with Project Manager of OIL, whenever scheduled.
- x) Surveillance on the entire project related activities.
- xi) Coordination with vendors/contractors relating to the procurement of items and execution of the work.

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- xii) Provide timely inputs in terms of materials and drawings to the contractors for carrying out their activities.
- xiii) EPCM CONSULTANT shall regularly monitor compliance of all Acts and regulations (viz. Factories Act, Mines Act, Minimum Wages Act, Workmen's Compensation Act, Payment of Wages Act, Payment of Bonus Act, Contract Labour Act, EPS, EPF, Insurance, Labour Clearance etc.) by the Works Contractors
- xiv) Prepare various reports/ draft reply letters as required from time to time for Owner and for onward submission to Government & statutory authorities, Owner's Audits etc.
- xv) Based on requirement the EPCM CONSULTANT shall attend meetings with the Owner within the shortest possible time wherein appropriate level of person shall be deployed

11.3 Project Monitoring and Control

- i) Prepare monthly progress reports for the project and provide all assistance to the Owner for preparing-MIS reports as required by the Owner for submission to concerned authorities / Ministry Monitoring cell. Submission of all documents, reports, presentations, queries from Ministry needs to be prepared and submitted on time. As a minimum the following information shall be available in the monthly report
 - a) Project status report
 - b) Overall Physical Progress vs Committed Schedule
 - c) Progress on Procurement
 - d) Progress on Construction work
 - e) Details of Costing
 - f) Planned Cash Outflow vs Actual, Monthly & Cumulative
 - g) Quality reporting, if any
 - h) Catchup plan
 - i) Status of pending activities along with action plan
 - j) EPCM CONSULTANT's Manpower deployed site wise and their attendance.
- ii) Arrange for a DPR- Daily Progress Report & WPR-Weekly Progress Report from Resident Engineer/Site office(s) regarding cumulative progress of construction works and materials delivery status.
- iii) Identification of all activities falling on the Critical path of the project and close monitoring and co-ordination.
- iv) Preparation of a look-ahead model/ catch-up plan for the project from time to time and ensure mobilization of adequate resources.
- v) Highlight pitfalls, if any, caused by the Vendors/ Contractors / any agency hindering execution of the project,
- vi) Monitoring of Works contractor's logistics for material delivery & Storage, Construction and Commissioning and ensure mobilization of additional resources to make-up for any slippage.
- vii) EPCM CONSULTANT shall ensure readiness of sufficient work fronts before giving clearance for deployment of vendor personnel for commissioning of equipment. EPCM CONSULTANT shall take all care for non-idling of vendor's

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personnel in case of no available fronts/work stoppage due to any other reasons and accordingly instruct for demobilization & remobilization of personnel. Any claim raised by vendor for idling of resources shall be at the expense of EPCM CONSULTANT. Necessary provision of the same shall be included in the respective tenders.

- viii) Establish cost planning and control system.
- ix) Prepare project close out report, including performance report of vendors/contractors.
- x) Apart from the above deliverables of EPCM CONSULTANT, EPCM CONSULTANT shall be required to submit other documents in the form of reports, as deemed necessary for successful and timely project implementation.
- xi) Identifying the root causes of the problems/ shortcomings encountered in material delivery and Construction activities.
- xii) EPCM CONSULTANT shall ensure that all defects and deficiencies in workmanship found during the course of work by the Works contractors shall be rectified by the contractors.
- xiii) Establish a “Check List”, “Punch List” to identify, record and correct damaged, incomplete and incorrect installation and/or fabrication during the entire project phase and shall record those in Punch List register (PLR). Review of all contractual points & carry out necessary rectification job before taking over from Works Contractor/Vendor.

12.0 DESIGN STANDARDS

The following design standards shall be used as a minimum in the scope of work

- i) International Standards:
ANSI, ASME, ASTM, API, NACE, AWWA, SA, ISO, DIN, EN etc.
- ii) Indian Standards:
Oil Industry Safety Directorate (OISD), Bureau of Indian Standard (BIS), PNGRB T4S etc.

13.0 PRE-COMMISSIONING, COMMISSIONING, STARTUP & PERFORMANCE TESTS

13.1 Mechanical Completion/Pre-Commissioning

- i) EPCM shall prepare and submit Pipeline Operation Manual to owner at least 2 months prior to Mechanical Completion of the project or as agreed between OIL and EPCM.
- ii) EPCM shall prepare the mechanical completion program and recommend to owner for approval and shall ensure implementation of the same. The construction completion of individual sections of the project shall be programmed in accordance with the overall commissioning plan. Upon successful achievement of mechanical completion, EPCM CONSULTANT shall review construction completion certificate documentation and submit the recommendation for approval.
- iii) It shall be obligatory on the part of EPCM CONSULTANT to issue the “Mechanical Completion Certificate” in the format duly signed by EPCM CONSULTANT’s authorized person.

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- iv) EPCM CONSULTANT shall assist OIL for pre-commissioning safety audit by owner and as well as from the external audit (OISD etc.) and ensuring its compliances.
- v) EPCM CONSULTANT shall ensure that all necessary personnel from equipment suppliers are called to attend the pre-commissioning activities as provided for in the equipment purchase orders.
- vi) As a minimum, the completion of following works shall be treated as Mechanical Completion and EPCM may incorporate additional works as deemed necessary for the purpose of declaring Mechanical Completion. However, non-completion of any works not directly relating to the commissioning and subsequent operation may be considered as pending and recorded accordingly.
 - a. Completion of Erection of all Mechanical Equipment & Alignment with associated piping's.
 - b. Completion of Erection of all Electrical/Telecom/Instrumentation items.
 - c. Completion of Piping including NDT and Hydro Test.
 - d. Completion of Electrical/Tele-Communication Cable Laying including Terminations.

13.2 Commissioning, Startup & Performance Tests

- i) EPCM is responsible for the Commissioning of the Project.
- ii) EPCM shall submit commissioning plan, schedule, commissioning /startup procedure for owner's approval.
- iii) EPCM shall organize a commissioning/start-up team for supervising and monitoring the entire process of commissioning, Start-up and Performance Test. The commissioning team in co-ordination with owner's representative shall co-ordinate and synchronize with various vendors and concerned contractors for seamless commissioning of the pipeline system.
- iv) EPCM shall ensure that the contractors provide special tools& machinery and materials as required and sufficient skilled/unskilled manpower that are needed to perform all activities which include operation of all equipment during commissioning.
- v) Commissioning activities shall, as a minimum include:
 - a. Operational testing
 - b. Pre-Startup inspections
 - c. Filling of Lubricants, wherever necessary
 - d. Equipment operation to make vibration and safety device checks, and other required operating tests and adjustments.
 - e. Flushing, blowing and chemical cleaning, wherever necessary.
 - f. Installation of temporary screens, strainers, and blinds
 - g. Necessary purge operations, including installation of temporary purge piping, hoses or equipment connections.
 - h. Checking of bores of orifice plates and installing these plates after flushing operations.
 - i. Functional check on all instruments and controllers, instrument calibrations with standard test.
 - j. Equipment and all required adjustments and control point settings.

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- k. Check all instrument loops for proper functioning.
- l. Checking and testing of safety system.
- m. Checks on pipe supports, and guides for settings hot/cold with necessary adjustments.
- n. Checking and recording positions of all valves.
- o. Commissioning of DRA Skid.
- p. Commissioning of SCADA and APPS package. Trail run of the system as per the schedule/plan prepared by EPCM in consultation with OIL
- q. Conduct simulation runs to allow run-in operational testing of the equipment.
- vi) EPCM CONSULTANT shall ensure that all defects and deficiencies found during the course of commissioning shall be rectified by the contractors.
- vii) EPCM CONSULTANT shall supervise and monitor all commissioning and start-up activities and all performance test runs which shall be carried out by the contractors/suppliers. All performance test results shall be reviewed and certified by EPCM CONSULTANT.
- viii) EPCM CONSULTANT shall report to owner on a daily basis on the progress and status of commissioning.
- ix) EPCM CONSULTANT shall ensure that all commissioning records and log sheets are properly collated and submitted to owners as part of contractor's provisional acceptance documents.
- x) It shall be obligatory on the part of EPCM CONSULTANT to issue the "Commissioning Certificate in the format duly signed by the authorized representative".

14.0 PROJECT COMPLETION/CLOSEOUT AND PROJECT DOCUMENTATION

Consequent upon the successful completion of the project the EPCM CONSULTANT shall be responsible for submission of the following:

- i) Follow up with vendors and contractors for as-built drawings/ documents in required editable soft and hardcopies, review/approve the same and forward to Owner. EPCM shall ensure that the softcopy as submitted shall be properly indexed for easy identification.
- ii) The softcopy of as built drawings in AUTOCAD format also be submitted.
- iii) Submission of all project related documents to Owner for future reference and records as per standard international practice.
- iv) **Submission of final documents** in required soft and hardcopies format shall be under the following heads (3 Sets):
 - i) As built drawings
 - ii) Final documents covering but not limited to the following in editable AUTOCAD format
 - Plot Plan, Equipment Layout, Area Drawing, Area classification drawing, P&ID's, 3D Modelling, PFD's, GAD, ISO, SLD, Earthing Layout Drawing, Cable Schedule, Earthing & Cable Trench Layout, Fire Alarm System Layout, Telephone Layout, Foundation Drawing.
 - iii) All Construction documents like field reports, QC, RT, UT etc.

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- iv) Detailed reports for HAZOP/HAZID Study & Risk Analysis covering Risk Management Plan (RMP) etc.
- v) Detail operating manual highlighting recommendations of the EIA, HAZOP Study & Risk Analysis etc.
- vi) **Lesson learnt:** Problems faced during the project execution and mitigation measures taken for future reference and improvements for future projects.
- vii) Project Commissioning Report.
- viii) Project Closeout Report incorporating the following
 - Project brief
 - Chronology of Approvals
 - Names of EPCM CONSULTANT Personnel worked for the project along with all contact details.
 - WBS element wise “S” Curve and Overall physical progress curve
 - List of key milestones and date of actual achievement.
 - Construction Photographs.
 - Submission of all evaluation sheets of performance for all vendors and contracts in line with established procedures on whom orders were placed.

15.0 BRIEF PROJECT DELIVERABLES

On the basis of all the Scope of Work as mentioned above, a brief summary of deliverables of EPCM consultant are reproduced hereunder for easy reference. The below list is not an exclusive/ exhaustive list and EPCM consultant shall adhere to all the requirements mentioned above or elsewhere in the tender for complete commissioning of the project.

- a) Site Visit and submission of Site Visit Report
- b) Review/Revalidation of the DFR and subsequent internal studies and submit a report
- c) Submission of Design Basis documents
- d) Submission of Hydraulic Study report, Surge Analysis report, OPCP
- e) Submission of Contracting & Procurement Strategy
- f) Submission of HAZOP/HAZID report
- g) Submission of 3D modelling of Pump Stations.
- h) Submission of Safety instrumented system and cause & effect matrix
- i) Submission of Job Safety Plan, SOP, Safety & Environment Protection Manual before commencement of commissioning
- j) Submission of Cost Estimate including the basis
- k) Submission of Cost Status report as per agreed schedule
- l) Submission of list of items that are to be inspected either by EPCM or TPIA
- m) Submission of periodic inspection and expediting reports
- n) Submission of Risk Management Plan for the project along with the detailed risk Analysis
- o) Prepare weekly & monthly reports on construction progress status of all works at each site
- p) Maintain Hindrance Register at all sites
- q) Monthly/Quarterly Material Reconciliation report

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- r) Submission of detailed Project Management Plan
- s) Submission of periodic Inspection & Expediting reports
- t) Submission of DPR, WPR and Monthly Project Status Reports
- u) Submission of Pipeline Operation Manual
- v) Submission of Mechanical Completion Program
- w) Submission of commissioning plan, Schedule and Procedures
- x) Commissioning of SCADA, APPs and Trial run of the entire system as per OPCP
- y) Establish “Check List”, “Punch List” and take corrective action
- z) Submit Project Close out report
- aa) Submission of Final Documentation by EPCM

END OF SECTION – 1

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PART – 4

SECTION – II

PAYMENT TERMS

1 General

The terms and mode of payment shall be as per details given below and as per the relevant clauses of GCC, ITB & SCC as applicable.

Payment shall start only after signing of Contact Agreement as per Tender document & receipt and confirmation of contract cum performance Bank Guarantee.

Prices shall be as per the Price Schedule Format. Statutory variation in taxes, if any, within the contractual completion period shall be borne by owner. However, any increase in tax beyond the contractual completion period shall be borne by EPCM Consultant. Any decrease in the rate of taxes and duties shall be passed on to the owner. No variation in taxes duties or levies other than Goods & Service tax shall be payable.

2 Terms & Mode of Payment

The terms and mode of payment shall be as per details given below:

- i) Payments shall be based on successful completion of milestone activities as per the % of the lump sum value against Item No. 10 of Contract. The details of the milestone are given at clause 2.1 of this section.
- ii) Payment for Item No. 20 of the contract shall be as follows

| S. No | Description | % Payment |
|-------|--|-----------|
| 1 | On monthly basis as per deployment of manpower on actual basis duly certified by concerned Station In-Charges of the owner / Project Manager | 90 |
| 2 | Submission of duly certified all Project documents of construction through vendors/ contractors | 5 |
| 3 | After close out of Project on completion of job in all respects | 5 |

- iii) Payment shall be made through RTGS/NEFT. EPCM Consultant shall raise invoices on completion of milestone activities against Item No.10 of the Contract and on month(s) basis against the Item No.20 of the Contract.
- iv) “Close out of Project” above refers to Mechanical completion of the project, subsequent commissioning of all facilities installed, closure of all purchase orders, work orders, contracts, submission of all As built drawings, operating manuals, documents etc. from vendors/ contractors to owner, and receipt of all unused material from contractors and return to owner after due material reconciliation, recommending penalties, recoveries if any for shortage, damages in goods, submission of vendor/ contractor performance evaluation and submission of

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Project Close Out Report including capitalization etc. except for the assistance for arbitration cases if any as referred elsewhere in the tender

- v) Owner shall release the payment after effecting deductions as per applicable law in force.
- vi) Owner shall release payments to EPCM Consultant after adjusting all dues to the owner payable by EPCM Consultant under the Contract.

2.1 The payment milestones for the lump sum quoted against Item No.10 of the Contract is as under:

- a) For the purpose of breakup of payment of various packages, the percentage or weightages of some of the packages for consideration in progressive release of milestone payments are as under:

| Sl. No | Packages | Weightage |
|--------|--|-------------|
| 1 | Procurement of Main Line Pumps | 15% |
| 2 | Procurement of SCADA | 10% |
| 3 | Procurement of Telecom & Instrumentation packages | 10% |
| 4 | Procurement of HV/MV Switchboards, Transformers & HV/MV Cables | 10% |
| 5 | Procurement of Control Valves & Process Valves | 8% |
| 6 | Procurement of Process Piping and other Fittings such Flanges, Elbows, Tee, MIJ etc. | 6% |
| 7 | Procurement of Metering system & Surge Relief system (if required) | 8% |
| 8 | Procurement of HVAC/AC | 8% |
| 9 | Procurement of Clean Agent System | 5% |
| 10 | Procurement of EOT Crane, Basket Filter | 8% |
| 11 | Procurement of DRA & CI Dosing system | 8% |
| 12 | Procurement of any other Misc items not covered above but are included in C&P strategy | 4% |
| | Total | 100% |

- b) The payment milestones of various activities are as under

PAYMENT MILESTONES

| Sl. | Description | % Payment | % Cumulative Payment |
|----------|--|------------|----------------------|
| A | Pre-Planning Works/General | 2.0 | |
| 1 | Kick- Off Meeting & Submission of signed MoM | 0.5 | 0.5 |
| 2 | Site Visit & Submission of Report | 0.5 | 1 |
| 3 | Submission of Contracting & Procurement Strategy | 1 | 2 |

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| B | Engineering | 8.0 | |
| 4 | Submission & Acceptance of Final Design Basis document (Complete in all respect) | 2 | 4 |
| 5 | Review/Revalidation of DFR and submission of report | 1 | 5 |
| 6 | Submission of 3D Modelling of Pump Stations | 1 | 6 |
| 7 | Submission of Process Package including submission of all P&ID's, PFD's, Equipment List and Data sheets | 2 | 8 |
| 8 | Completion of HAZOP/HAZID study and submission of report | 0.5 | 8.5 |
| 9 | Submission of Hydraulic Study & Surge Analysis Report | 0.5 | 9 |
| 10 | Submission of Operation & Control Philosophy | 1 | 10 |
| C | Planning and Scheduling | 5.0 | |
| 11 | Submission & acceptance of Project Schedule with detailed WBS structure in Primavera including Milestones | 1 | 11 |
| 12 | Submission & acceptance of detailed Project Management Plan | 1 | 12 |
| 13 | Submission of Project Organogram | 0.5 | 12.5 |
| 14 | Submission & acceptance of Organogram at Site and Deployment schedule. | 0.5 | 13 |
| 15 | Monthly Scheduling of Project in Primavera (Progressive basis till completion of project) | 2 | 15 |
| D | Tendering | 10.0 | |
| 16 | Finalization & Floating of Tender Document for procurement of Various packages to be issued as Free Issue Materials. (Progressive payment as per the weightages assigned) | 4 | 19 |
| 17 | Finalization & Floating of Tender Document for Works Contract. (Progressive as per no of Tenders) | 2 | 21 |
| 18 | Finalization & Floating of Tender Document for Material/Stores Management | 0.5 | 21.5 |
| 19 | Submission of Item Wise Cost Estimation of various packages (Progressive payment as per the weightages assigned) | 1 | 22.5 |
| 20 | Submission of Item Wise Cost Estimation of all other contracts (Progressive payment as per the no of Tenders) | 0.5 | 23 |

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| 21 | Submission of techno-commercial evaluation of bids and Price Bid opening recommendation of various packages. (Progressive payment as per the weightages assigned) | 1 | 24 |
| 22 | Submission of techno-commercial evaluation of bids and Price Bid opening recommendation for Works Contract & Store Management Contract (Progressive as per no of tenders) | 1 | 25 |
| E | Ordering | 5.0 | |
| 23 | Submission of price evaluation of bids and Award recommendation of various packages. (Progressive payment as per the weightages assigned) | 2 | 27 |
| 24 | Submission of Draft LOA, Draft Purchase Order of various packages (Progressive payment as per the weightages assigned) | 1 | 28 |
| 25 | Submission of price evaluation of bids and Award recommendation for Works Contract & Store Management Contract along with Draft LOA, Contract (Progressive as per no of tenders) | 1.5 | 29.5 |
| 26 | Submission of Draft LOA, Draft Contract Agreement for Works Contract & Store Management (Progressive as per no of tenders) | 0.5 | 30 |
| F | Manufacturing, Inspection & Delivery | 20.0 | |
| 27 | Inspection for delivery of various packages. Executed on issue of IRN of the package. (Progressive payment as per the weightages assigned) | 10 | 40 |
| 28 | Delivery of various packages. Executed on receipt of complete package at site as per the scope of the purchase order. (Progressive payment as per the weightages assigned) | 10 | 50 |
| G | Construction | 30.0 | |
| 29 | Complete Mobilization of Consultant Manpower as per agreed Deployment Schedule (Shall be effected on reporting of all personnel at site) | 5 | 55 |
| 30 | Construction Progress (Progressive Payment on monthly basis based on construction progress) | 25 | 80 |
| H | Commissioning & Start-up | 10.0 | |
| 31 | Mechanical Completion of Project (Shall be effected on acceptance of the Mechanical Completion by the owner) | 4 | 84 |
| 32 | Compliance of observation noted during Pre Commissioning Safety Audit. | 1 | 85 |

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| 33 | Commissioning, Implementation of OPCP, Submission & Acceptance of Commissioning Report | 5 | 90 |
| F | Project Close-out | 10.0 | |
| 34 | Closure of all Contracts & Purchase Orders | 2 | 92 |
| 35 | Liquidation of all Check List & Punch List Points | 1 | 93 |
| 36 | Submission of Final Document by EPCM including As-built drawings | 2 | 95 |
| 37 | Submission & Acceptance of Project Close-out Report | 5 | 100 |
| Total | | 100.00 | |

- c) In case any milestone above is not applicable, or milestones are clubbed, Payment would be effected with suitable clubbing / substitution as decided by owner.
- d) In case any package as mentioned in 2.1 (a) above is included in the works tender, then the milestone for that package under the sub-headings “Tendering” & “Ordering” shall be released with the particular milestone of Works tender and milestone for that package under the sub-heading “Manufacturing, Inspection & Delivery” shall be released on completion of that particular activity mentioned therein.
- e) In case any package as mentioned in 2.1 (a) above is not required as per design or as per C&P strategy, then the payment towards the same shall be effected on completion of all other payments against the sub-headings “Tendering”, “Ordering” & “Manufacturing, Inspection & Delivery”.
- f) Owner has the right to process the payment against milestone with certain deviations or retention with sufficient justifications. Decision of the owner in this regard shall be final and binding.

END OF SECTION II

END OF PART 4

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PART 5

SPECIAL CONDITIONS OF CONTRACT

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1.0 GENERAL

- a) Special Conditions of Contract (SCC) shall be read in conjunction with the General Conditions of Contract (GCC), Specifications of Work, Drawings and other documents forming part of this contract wherever the context so requires.
- b) Notwithstanding the sub-division of the documents into these separate parts and volumes, every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the contract in so far as it may be practicable to do so.
- c) Where any portion of the General Condition of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intention appears, the provisions of the special Conditions of Contract shall be deemed to over-ride the provisions of
- d) The General Conditions of Contract and shall to the extent of such repugnacy, or variations, prevail.
- e) Wherever it is mentioned in the scope of work that the EPCM Consultant shall perform certain jobs such as assessment, design, engineering, inspection or travel, accomodation etc., it is understood that the Consultant shall do so at his cost and the value of contract shall be deemed to have included cost of such performance and provisions so mentioned.
- f) The materials, design, and workmanship shall satisfy the relevant Indian Standards, the Job Specifications contained herein and Codes referred to. Where the job specification stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied.
- g) In case of an irreconcilable conflict between Indian or other applicable standards, General Conditions of Contract, Special Conditions of Contract, Scope of Work or Schedule of Rates, the following shall prevail to the extent of such irreconcilable conflict in order of precedence :
 - i) Contract Agreement
 - ii) Detailed Letter of Acceptance along with Statement of Agreed Variations.
 - iii) Fax / Letter of Intent / Fax of Acceptance.
 - iv) Schedule of Rates as enclosures to Detailed Letter of Acceptance.
 - v) Scope of Work.
 - vi) Special Conditions of Contract.
 - vii) Instruction to Bidders
 - viii) General Conditions of Contract.
 - ix) Indian Standards
 - x) Other applicable Standards

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- xi) A variation or amendment issued after the execution of the formal contract shall take precedence over respective clauses of the formal contract and its Annexures.
- h) It will be the Consultant's responsibility to bring to the notice of Engineer-in-Charge any irreconcilable conflict in the contract documents before starting the work (s) with reference to which the conflict exists.
- i) Scope of work shall be read in conjunction with item description of Schedule of Rates.

2.0 ACCOMODATION & OTHER FACILTIES

- a) All Boarding, lodging, transportation, Resident/Site/camp office, office infrastructure, required by the EPCM CONSULTANT for execution of the job shall be to EPCM CONSULTANT's account. However, Owner shall make all endeavor to provide vacant quarters/offices in Pump Stations, if available, to the EPCM CONSULTANT at applicable charges as decided by the owner.
- b) EPCM may refurbish the vacant/Quarters within the prescribed rules of the company and no permanent modifications are to be done. The Quarter and surrounding shall be properly maintained and regular House Keeping shall be done by the EPCM.

3.0 TIME SCHEDULE

The EPCM CONSULTANT shall ensure that the project shall be completed within the stipulated time frame. The EPCM CONSULTANT would prepare detailed activity schedule for the project in consultation with the Owner at the beginning/during kick-off meeting. All efforts should be made to meet all the intermediate schedule and milestones.

Time is the essence of contract. No delay on account of any reasons on the part of the EPCM CONSULTANT / Contractors engaged for work packages / delivery of material shall be accepted. EPCM CONSULTANT shall ensure makeup plan in place for achieving the scheduled completion. EPCM CONSULTANT is required to plan and put manpower and resources accordingly.

EPCM CONSULTANT is required to work simultaneously on various procurement & works packages and accordingly, make all out efforts to complete the project on or before the time schedule. The contract price shall be valid till satisfactory completion of all works under the scope of EPCM Consultant.

Zero Date of the project is the date of award of the EPCM contract (i.e; Date of issue of LOA to EPCM consultant). The total duration for completion of Project including Mobilization of 15 days from the Zero Date is as under:

- Mechanical Completion – 33 months from the Zero Date
- **Commissioning – 36 months from the Zero Date**
- Project Closure – 3 months from the commissioning

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The works contract (Civil, Structural, and Composite) forms a major part in timely execution of the project and considering the longer monsoons and shorter dry period in North East for carrying out the works, EPCM shall plan all the activities accordingly for timely completion of Project.

4.0 LIQUIDATED DAMAGES/ PRICE REDUCTION SCHEDULE

Clause No. 30.0 of the GCC stands deleted and replaced with the following:

In the event of delay in commissioning of the project as per Time Schedule mentioned above and due to reasons attributable to EPCM Consultant, other than due to an event of Force Majeure, then the Contract Price against Item No. 10 of the Price Schedule (Proforma B) shall be reduced by 0.5% per week of delay or part thereof subject to a maximum deduction of 7.5% of the Contract Price against Item No. 10. After any adjustments made to the Contract

In addition to above, In the event of delay in commissioning of the project and due to reasons attributable to the EPCM and other than due to an event of Force Majeure, then the Man Month rates of the Contract against Item No.20 of the Price Schedule shall be reduced by 10% per every year from three months beyond the Original Commissioning schedule i.e; 36 months and up to a maximum deduction of 30% of the Man month rate.

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 CONSULTANT/CONTRACTOR and the said amount will be payable without proof of actual loss or damage caused by such delay.

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.

Price pursuant to this Clause, if any amount is due to Owner from the Contractor, then such amount will either be set-off against any amount due or that becomes due to the Contractor or be recovered by invoking the Contract Performance Bank Guarantee.

The payment of liquidated damages/penalty may be reduced or waived at the sole discretion of the owner whose decision in this regard will be final.

The reduction of Contract Price shall not relieve the Contractor from its obligations to complete the Works and the Facilities, or from any of its other duties, obligations or responsibilities under the Contract. The Contractor shall use and continue to use its best endeavour to avoid or reduce further delay to the Works, or the issue of the Completion Certificate

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Application of LD/PRS under this Clause shall be without prejudice to any other right of Owner, including the right of termination and associated clauses thereunder in GCC.

In the event of Delay/Default on the part of EPC Contractor/Works Contractor/Vendor, resulting in extension of EPCM contract, the additional cost to be incurred by the company towards the EPCM contract during such extended period has to be recovered from the concerned contract/order which has delayed the project. Necessary provision for the same shall be included and implemented by the EPCM in all the contracts/orders under the project.

5.0 REVIEW, CONCURRENCE AND APPROVALS BY OWNER

EPCM CONSULTANT shall submit the following for owner's review / concurrence / approval

| Sl | Document | Review/Concurrence/Approve |
|--------|--|----------------------------|
| i. | Report on Revalidation of DFR & Internal Studies | Review |
| ii. | Project Schedule | Review |
| iii. | Project Contracting & Procurement Strategy | Concurrence |
| iv. | Organogram for project office. | Review |
| v. | Site Manpower organogram & deployment schedule | Approve |
| vi. | Site Manpower qualifications | Concurrence |
| vii. | Attendance of Site Manpower | Approve |
| viii. | Operation & Control Philosophy (OPCP) | Approve |
| ix. | Hydraulic & Surge Analysis | Concurrence |
| x. | HAZOP/HAZID Analysis | Concurrence |
| xi. | 3D Model of Pump Station | Concurrence |
| xii. | Design Basis (Complete) | Concurrence |
| xiii. | Equipment List | Review |
| xiv. | P&ID, PFD, Plot Plan, Equipment Layout, SLD | Review |
| xv. | All MR's | Concurrence |
| xvi. | Cost Estimation | Review |
| xvii. | Vendor List | Concurrence |
| xviii. | Pre-Commissioning & Commissioning Procedure | Review |
| xix. | SOP for Piping Hookup Plan | Approve |
| xx. | Order/Contract Closure Report | Concurrence |
| xxi. | Liquidation of Check List/Punch List points | Concurrence |
| xxii. | Commissioning Certificate | Approve |
| xxiii. | Commissioning & Project Close out Report | Review |

6.0 CONSULTANT MANPOWER

6.1 EPCM CONSULTANT shall deploy required number of qualified and experienced personnel e.g. professional engineers, subordinate engineering personnel, construction supervisors, inspection engineers and other specialists of appropriate levels to ensure:

- Quality at all stages and aspects as per requirement of codes, standards, specifications and best international practices
- Finalization of Design Basis, Engineering, Technical Specification, Data Sheets meeting the Project requirement & Completion schedule.
- Timely & expeditious completion of the project
- Economize project expenses.

6.2 The Project Manager (PM) has to be engaged for the entire duration of this project.

6.3 The consultant shall submit the following

- a) On Receipt of LOA: Bio-Data with qualification and experience of personnel in key areas such as Project Manager & Team, Planning Team, Design & Engineering Team, Commercial Team, Finance Team and Resident Construction Manager.
- b) Prior to Issue of LOA to Works contractor: Bio-Data with qualification and experience of all personnel under Resident Construction Manager along with the deployment schedule shall be submitted to Owner for review and approval prior to their deployment.

6.4 Deployment and Redeployment of Consultant manpower shall be at the discretion and approval of Engineer-in-charge of OIL at any point of time during the course of contract.

6.5 The EPCM CONSULTANT shall be required to depute qualified and experienced manpower for the execution of the project. EPCM CONSULTANT shall ensure that the complete manpower whose names have been proposed to be engaged for the project execution is not changed during project execution. In case of any change in deployment, the EPCM CONSULTANT shall submit bio data of the substitute manpower proposed and take Owner's Concurrence. The various categories of manpower with Qualification and experience required to be engaged for the project are detailed as under:

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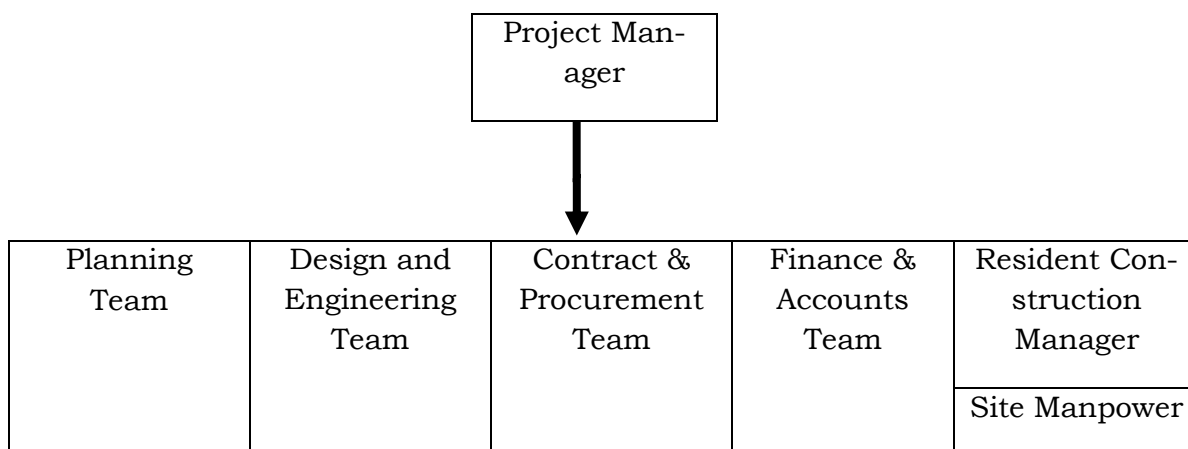
Qualification and Experience

| Sl. No | Type | Qualification & Knowledge | Experience |
|---------------|-------------------------------|---|---|
| 1. | Project Manager | Degree in any Engineering. Knowledge of Project Management, Contracts Management, Government Guideline, Codes and Standards pertaining to hydrocarbon industry, pipelines. Industry accepted Best Practices in executing pipeline projects. | <p>Required Experience: At least 20 years of experience in executing projects in Hydrocarbon Industry.</p> <p>Out of the 20 years of experience, at least 8 years of experience shall be in senior position in execution of hydrocarbon pipeline projects.</p> <p>PMI or equivalent certification is preferable.</p> |
| 2. | Resident Construction Manager | Degree in Engineering in any Discipline. Knowledge of Project Management, Construction Management, handling of contracts, Codes and Standards, Industry accepted Best Practices in executing pipeline projects. | <p>Required Experience: At least 15 years of experience in executing projects in Hydrocarbon Industry.</p> <p>Out of the 15 years of experience, at least 10 years of experience shall be in works related to construction of hydrocarbon pipeline projects.</p> |
| 3. | Site Planning Engineer | Degree in any Engineering/Diploma. Knowledge of Planning & Scheduling for projects. Familiar with latest software in planning. Knowledge of various activities related to execution of pipeline projects | <p>Required Experience: At least 3/5 years of experience (Degree/ Diploma) in planning & scheduling of projects.</p> <p>Certification of “Primavera P6 Enterprise Project Portfolio Management” or equivalent is required.</p> |

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| 4. | Safety Engineer | <p>Degree in any engineering/Graduate in science with physics and chemistry/Diploma holders (Must have knowledge of safety standards, Acts & Regulations, Best industrial practices in HSE and safety aspects considered for OIL & Gas Industry)</p> <p>Preferably have adequate knowledge of the language spoken by majority of the workers at the construction site</p> | <p>Required Experience: At least 2/5/5 years of experience (Degree/ Graduate/Diploma) in a supervisory capacity of working in a building, plant, OIL & Gas Industry or other construction work.</p> <p>Recognized degree or diploma in industrial safety shall be required in Industrial safety (from any Indian Institutes recognized by AICTE or state council of tech education of any Indian state).</p> |
| 5. | Site Engineer (Civil, Mechanical, Electrical, Telecom/ Instrumentation) | <p>Degree in Engineering in concerned Discipline</p> <p>(Civil, Mechanical, Electrical, Electronics/Instrumentation).</p> <p>Knowledge of standards & codes in pipeline projects.</p> | <p>Required Experience: At least 3 years of experience in execution of projects in Hydrocarbon Industry.</p> <p>The person having Diploma in Electrical discipline with at least 5 years of experience in execution of projects and valid HT License may also be considered for deployment.</p> |
| 6. | Inspection Engineer/ NDT Engineer (Pipings) | <p>Degree in Mechanical Engineering/ Diploma in relevant discipline</p> | <p>Required Experience: At least 3/5 years of experience (Degree/ Diploma) in Hydrocarbon Industry.</p> <p>Valid NDT/Welding Inspector certification shall be required.</p> |

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| 7. | Billing Engineer | Degree in any Engineering/ Diploma in any discipline Knowledge of Excel, Word & other computer applications and also the Measurement sheet calculations. | Required Experience: For Degree: No Experi- ence For Diploma: At least 2 years of experience in Construction Works in any Industry. |
| 8. | Store Officer | Degree in any Engineering/ Diploma in any discipline Knowledge of Excel, Word and other computer applica- tions, Material Reconcilia- tions. | Required Experience: For Degree: No Experi- ence For Diploma: At least 2 years of experience in Construction Works in any Industry. |

6.6 A recommended structure for EPCM CONSULTANT's manpower is as under:



6.7 **Construction Manpower:** For the Construction Activities the recommended/suitable structure of Construction manpower to be deployed by the EPCM CONSULTANT under RCM for optimal work output is as under:

(i) Planning Engineer:

Site Planning Engineer shall be deputed during the whole tenure of works till closure.

- (ii) Site Engineer:
Civil, Mechanical, Electrical & Telecom/Instrumentation engineers shall be deputed upon start of jobs till completion of all works under concerned discipline at each location/site.
- (iii) Safety Engineer:
Safety Engineer shall be deputed during the whole tenure of works till commissioning at each location/site.
- (iv) Inspection Engineer/NDT Engineer:
Inspection Engineer shall be deputed during the fabrication and welding of Process piping's. 1 Inspection Engineer for 2 or 3 locations may be deputed for optimization.
- (v) Billing Engineer:
At-least 1 no of Billing Engineer shall be deputed at PHQ-Guwahati who will be placed for work inside OIL premises for clearance of all bills at OIL including deviations and also assistance during capitalization. The Billing engineer shall be deployed along with RCM from the start of works at site till Closure of all contracts.
- (vi) Stores Officer:
Stores Officer shall be deputed from the expected date of start of receipt of Free Issue Materials till completion of Handover of all Balance Materials (Free Issue/ Contractor's Supply) to OIL. 1 Stores Officer for 2 locations may be deputed for optimization.

6.8 The above is a recommended manpower requirement for each locations during progress of works. However, EPCM shall mandatorily deploy Billing Engineer, Site Planning Engineer and Safety Engineer as per the above requirement. The above is excluding support staff as required for carrying out office & miscellaneous jobs, which shall be arranged by the EPCM Consultant at his own expense and included in the quoted cost.

6.9 The RCM shall be required to be deployed within 7 days from the date of award of LOA to Works contractor till completion of site works or closure of the works contracts/purchase orders as per decision of the owner. Owner's decision in this regard shall be final.

6.10 The contract man-month rates shall be inclusive of any Overtime, Holiday, Off-day wages and no additional payment towards the same shall be paid during the course of the contract.

6.11 EPCM shall deploy site manpower as per agreed schedule and as per site requirement. EPCM CONSULTANT's deployment of manpower and performance will be taken up for review periodically. However, owner shall at his discretion may instruct

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EPCM Consultant for augmentation or deployment or de-mobilization or replacement of site manpower with 1 month of notice period. In case of replacement, additional time may be granted subject to proper justification.

- 6.12 Substituting of EPCM CONSULTANT personnel (if any) with other EPCM CONSULTANT personnel will be done with either same level & experience or higher level & experience.
- 6.13 All the Manpower deployed shall have the requisite experience as mentioned above. However, owner has all the rights to accept certain deviations subject to proper justification.
- 6.14 Any Site personnel on leave shall be approved by the owner. In case of relocation of manpower within the project site locations, the same shall be carried out on information to the owner and shall be considered to be completed in 1 day.
- 6.15 Biometric units are installed at all Pump Station Location. All the Site Personnel of the EPCM consultant are required to log in the Biometric unit at specified locations of the Pump Station for the purpose of recording the Attendance at site.
- 6.16 The Attendance report of the EPCM consultant Manpower deployed at each site shall be certified by the concerned Station In-Charges of the owner / Project Manager and submitted for processing of payments.

7.0 INSURANCES

All the applicable Insurance for the subject Job as mentioned under Clause No. 14 of GCC and as per the requirement shall be submitted to the Engineer-in-Charge

8.0 PENALTIES/RECOVERIES

- a) In case the deviation of any individual works contract exceeds 10% of the contract value or the additional/extra items exceeds 10% of contract value for the reasons solely attributable to EPCM then recovery/penalty shall be made from the EPCM CONSULTANT as below:
(3% of Excess Deviation amount above 10%) or (Excess Deviation in % x 2.5% of EPCM CONSULTANT Cost) whichever is lower
- b) EPCM CONSULTANT shall check the materials received viz-a-viz the vendor's obligation as per PO and submit the shortcomings, if any. EPCM shall expedite with the vendor for supply of balance materials. In case the same is not realized from the vendor, the expenses towards the same shall be deducted from the EPCM.
- c) EPCM CONSULTANT shall take all care for non-idling of vendor's personnel in case of no available fronts/work stoppage due to any other reasons and accordingly instruct for demobilization & remobilization of personnel. Any claim

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raised by vendor for idling of resources shall be at the expense of EPCM CONSULTANT.

- d) In reference to clause 6.11 above, Non-deployment of Personnel as per agreed schedule and site requirement shall attract penalty @ 10% of the EPCM Consultant's concerned manpower Man-Month rate of the contract on pro-rata basis.
- e) In further reference to clause 6.11 above, Non-deployment of Personnel as per owner's instruction beyond the completion of notice period shall attract penalty @ 10% of the EPCM Consultant's concerned manpower Man-Month rate of the contract on pro-rata basis.
- f) Continuous non-availability of Personnel once deployed at site, for Site supervision & Site Safety of the job, for more than 15 days would attract penalty @ 5% of the Consultant's Man-Month concerned manpower rate of the contract on pro-rata basis for the period above 15 days.
- g) The penalty under clause (f) shall not be levied in conjunction with the above clause (e), i.e in case of owner instructing the EPCM to provide alternate manpower in place of person who is unavailable for continuous period, the penalty under clause (e) shall come into effect from the completion of notice period instead of clause (f).
- h) EPCM Consultant shall be responsible for the entire design and execution of the project. Accordingly, EPCM shall be responsible for any fault in design or poor supervision of jobs that are observed during construction, commissioning and subsequent operation. Thus, any rectifications works, that may be required to be carried out due to design fault or poor supervision shall be at the cost of the EPCM.
- i) It is the prime responsibility of the EPCM CONSULTANT to complete the project in schedule time. Recoveries would be effected for the delays attributable to the EPCM CONSULTANT. Key result areas of the performance of the EPCM CONSULTANT along with the indicated recoveries are mentioned in the following table.

| S. No | Activity | Time line | Recovery |
|-------|------------------------------|------------------|---------------------------------------|
| 1 | Finalization of Design basis | 45 days from LOA | 5% of the respective milestone amount |
| 2 | Finalization of P&IDs | 60 days from LOA | 5% of the respective milestone amount |

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| 3 | Evaluation of bids & submission of PBO recommendation including TQ/CQ, if any | 20 days from the opening of bids | 5% of the respective milestone amount |
| 4 | Submission of Award recommendations | 7 days from the date of opening of Price Bids | 5% of the respective milestone amount |
| 5 | Submission of draft LOA and draft PO/Contract | 3 days from the date of submission of award recommendations | 5% of the respective milestone amount |

In case project is commissioned within the contractual completion schedule i.e. 36 months from date of LOA, retention / Recoveries made against above key result area if any shall be reimbursed to the consultant.

- j) All the above penalties/recoveries shall be in addition to the Liquidated Damages/Price Reduction Schedule as mentioned in GCC or SCC or elsewhere in the tender and exclusive of GST.
- k) All the recoveries/penalties/PRS/LD are subject to Limitation of Liabilities as mentioned in the GCC.

9.0 DEFECT LIABILITY PERIOD

The Defect liability period for the EPCM Consultant job is 12 months from the date of completion of Project.

10.0 EXCLUSION FROM CONSULTANT'S SCOPE

The following are excluded from scope, however, all technical assistance shall be provided by consultant:

- (i) Acquisition of land
- (ii) Sourcing of Grid Power
- (iii) Project insurance shall be taken by Owner, however, assistance in lodging of insurance claims and realization of the same shall be done by EPCM CONSULTANT.
- (iv) Statutory clearances (however extending support is the responsibility of EPCM CONSULTANT)

11.0 ADDITION, REDUCTION IN SCOPE AND RE-TENDERING

- i) Addition/ reduction of EPCM CONSULTANT fees would be considered in case of addition (certain extra activities not envisaged in the original scope of work) or deletion in the scope of the project.

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| PIPELINE HEAD-QUARTER | UPGRADATION OF FACILITIES OF NUMALIGARH-SILIGURI PRODUCT PIPELINE (NSPL) FOR TRANSPORTATION OF ADDITIONAL PRODUCTS E-TENDER NO. CIP6285P21 | OIL INDIA LTD. GUWAHATI Page 120 of 159 |
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- ii) Change in drawings / documents due to site conditions is to be carried out by the EPCM CONSULTANT without any extra cost to Owner.
- iii) Re-working / re-tendering / re-designing, if any, shall be done without any extra cost to Owner. Re-tendering for non-responsiveness, less competition, higher price, etc., the same is to be carried out by EPCM CONSULTANT within the quoted cost.
- iv) In case Consultant is required to execute certain extra activities not envisaged in the original scope of work, then Consultant shall submit to the Owner, the detailed scope of work along with justification, estimated man-hours, Cost and the additional time if required. Man-hours, Cost and extra time schedule shall be mutually agreed between the Owner & Consultant.

12.0 OTHER CONDITIONS:

- i) EPCM CONSULTANT shall perform the work under this CONTRACT with diligence and conforming to the best international practices available.
- ii) EPCM CONSULTANT shall perform their obligations conforming to rules, regulations and procedures prescribed by law/Statutes.
- iii) EPCM CONSULTANT shall be responsible for ownership of the design engineering, patent etc.
- iv) EPCM CONSULTANT shall take approval/concurrence from owner on major and critical issues e.g. Design Basis, P&IDs etc
- v) EPCM CONSULTANT shall suggest measures to cut-down cost and time over run without compromising the quality of work required in implementing the project.
- vi) EPCM CONSULTANT should intimate in advance any owner's obligations for timely completion of activities (e.g.) requirements of statutory norms, regulatory authorities etc.
- vii) EPCM CONSULTANT shall provide all necessary documents in time to the contractor for commencing and proceeding with the work as per agreed schedule.
- viii) Any activity required to be carried out for completion of the project through not specifically mentioned in the tender document shall be carried out at no extra cost.
- ix) Technical Queries (TQ)/Commercial Queries (CQ) if required in tendering process should be raised with the information to owner.
- x) EPCM CONSULTANT shall keep records pertaining to the movement of the material & its traceability/accounting as well as physical usage w.r.t. the section of the pipeline. EPCM CONSULTANT shall bifurcate the cost as per owner formats for the purposes of the capitalization of the assets. At the time of capitalization, consultant shall depute their representatives in owner's office, as required.

END OF PART - 5

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PROFORMA-A**CERTIFICATE FOR RESTRICTION OF PROCUREMENT**

To
OIL INDIA LIMITED
Pipeline Headquarter, Guwahati

Sub: IFB No.

Gentlemen,

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder is 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. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Dated this _____ day of _____

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

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BID FORM

To
OIL INDIA LIMITED
Pipeline Headquarter, Guwahati

Sub: IFB No.

Gentlemen,

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

We undertake, if our Bid is accepted, to commence the work within (_____) days calculated from the date of issue of Letter of Award (LOA).

If our Bid is accepted, we will obtain the guarantee of a bank in a as per tender document 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 _____

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

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Tender No. :

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

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

(Authorised Signatory).

Name of the Bidder_____

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

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BID SECURING DECLARATION

To,

OIL INDIA LIMITED

PIPELINE HEADQUARTER, Guwahati, ASSAM, INDIA

Whereas (herein after called 'the Bidder') has submitted their Bid No. dated..... against OIL INDIA LIMITED, GUWAHATI, ASSAM, INDIA (hereinafter called the Purchaser)'s tender No..... for the supply of (hereinafter called 'the Bid') KNOW ALL MEN by these presents that if I/We withdraw or modify our Bid during the period of validity, or if I/We are awarded the contract and I/We fail to sign the contract, or to submit a performance security before the deadline defined in the NIT / Purchase Order, then I/We shall be suspended for the period of two (2) years. This suspension of two years shall be automatic without conducting any enquiry.

Signature & Seal of the Bidder

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FORM OF PERFORMANCE BANK GUARANTEE (UNCONDITIONAL)*

To:

M/s. Oil India Limited

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 (May incorporate the Bank Name) 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 arguments, 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 Contract Person at the Controlling Office with Mobile No. and e-mail address:

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Notwithstanding anything contained herein:

- a) Our liability under this Bank Guarantee shall be restricted up to Rs.....
- b) This guarantee shall be valid till
- c) We are liable to pay the guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before(Date of Expiry of BG PLUS one year claim period).
- d) At the end of the claim period that is on or after (Date of expiry of the Bank Guarantee Plus Minimum of 1 year claim period shall be stipulated) all your rights under this Guarantee shall stand extinguished and we shall be discharged from all our liabilities under this Guarantee irrespective of receipt of original Bank Guarantee duly discharged, by 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 the Bank_____

Address _____

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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, Assam and Pipeline Office at Guwahati 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. _____. 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 Award 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 Annexure attached herewith shall be deemed to form and be read and construed as part of this agreement viz.:

- a. General Conditions of Contract, (Part-3, Section-I)
- b. Scope of Work/ Special Conditions of Contract for Civil works (Part-3)
- c. Certificate for Restriction of Procurement (Proforma-A)
- d. Price Bid Format, (Proforma-B)
- e. Bid Form, (Proforma-C)
- f. Statement of Compliance, (Proforma-D)
- g. Performance Security Form, (Proforma-F)

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- h. Undertaking towards submission of authentic information/documents as per Format vide Annexure-XI.

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 Guwahati, Assam as of the date shown above.

Signed, Sealed and Delivered,

For and on behalf of
Company (Oil India Limited)

Name:

Status:

In presence of

1.

2.

For and on behalf of Contractor

(M/s. _____)

Name:

Status:

In presence of

1.

2.

* Bidders are NOT required to complete this form.

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PROFORMA LETTER OF AUTHORITY

TO
GM (C&P)
OIL INDIA LIMITED

PIPELINE HEADQUARTER, Guwahati, ASSAM, INDIA

Sir,

Sub: OIL's IFB No.

We _____ confirm that Mr. _____ (Name and address) is 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.

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AUTHORISATION FOR ATTENDING BID OPENING

Date: _____

TO

GM (C&P)

OIL INDIA LIMITED

PIPELINE HEADQUARTER, Guwahati, ASSAM, INDIA

Sir,

Sub: OIL's e-Tender No.

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

Yours Faithfully,

Authorised Person's Signature: _____**Name:** _____**Designation:** _____**Seal of the Bidder:** _____

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

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INTEGRITY PACT

Between

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

And

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

Preamble:

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

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

Section: 1 - Commitments of the Principal

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

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

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

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

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

Section: 2 - Commitments of the Bidder/Contractor

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

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

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

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

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

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

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

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or 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.

Section 4 - Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.

2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

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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 to all Bidders/Contractor/Subcontractors

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

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

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

Section: 8 - External Independent Monitor/Monitors

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

(To be decided by the Chairperson of the Principal)

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.
3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.
4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

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

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

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

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

Section: 9 - Pact Duration

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

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

Section:10 - Other provisions

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

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

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

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

.....

.....

For the Principal :

For the Bidder/Contractor:

Witness 1:

Witness 2:

Place.

Date

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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 up to (as the case may be) are correct.

| YEAR | TURN OVER In INR Crores / US\$ Million* | NET WORTH In INR Crores / US \$ Million * |
|-------------|--|--|
| | | |
| | | |
| | | |

* Rate of Conversion (if used any): USD 1.00 = INR.

Place :

Date:

Seal:

Membership No ..

UDIN No.

Registration Code:

Signature :

[* Applicable only for GLOBAL tenders.]

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APPENDIX-A**GENERAL HSE POINTS**

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

2.0 Every person deployed by the Contractor in a mine must wear safety gadgets to be provided by the Contractor. The Contractor shall provide proper Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement and the Company PPE schedule. Safety appliances like protect footwear, safety helmet and full body harness has to be DGMS approved. Necessary supportive document shall have to be submitted as proof. If the Contractor fails to provide the safety items as mentioned above to the working personnel, the Contractor may apply to the Company (OIL) for providing the same. OIL will provide the safety items, if available, but in turn. OIL will recover the actual cost of the items by deducting from 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. All the safety gears mentioned above are to be provided to the working personnel before commencement of the work.

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

4.0 The Contractor shall provide a copy of SOP to the person designated the Mine Owner who shall be supervising the Contractor's work.

5.0 Keep an up to date SOP and provide a copy to changes to a person designed by the Mine Owner/Agent/Manager

6.0 The Contractor has to ensure that all work is carried out in accordance with the Statute and SOP and for the purpose he may deploy adequate qualified and competent personnel for the purpose of carrying out the job in a safe manner. For work of a specified scope/nature, he should develop and provide to the Mine Owner a site

7.0 All persons deployed by the Contractor for working in mine must undergo Mines Vocational Training, initial medical examination, PME. They should be issued cards stating the name of the Contractor and the work and its validity period, indicating status of MVT, IME & PME.

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8.0 The Contractor shall submit to DGMS indicating – name of his firm Registration Number, name & Address of person heading the firm, nature of work, type of deployment of work persons, No. of work persons deployed, how many work persons hold VT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons.

9.0 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.

10.0 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 the Company's Installation Manager/Safety Officer/Engineer/Official/Supervisor/Junior Engineer for safe operation.

11.0 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.

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

13.0 The Contractor shall have to report all incidents including near miss to installation manager/Departmental Representative of concerned department of OIL.

14.0 The Contractor has to keep a register of the persons employed by him/her. The Contractor's supervisor shall take and main attendance of his men every day for the work, punctuality.

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

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

17.0 To arrange daily tool box meeting and regular site safety meeting and maintain records.

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

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

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

21.0 Contractor's arrangements for health for health and safety management shall be consistent with those for the mine owner.

22.0 In case Contractor is found non-compliant of HSE laws as required the Company will have the right for directing the Contractor to take action comply with the requirements, and for further non-compliance, the Contractor

23.0 When there is a significant risk to health, environment or safety of a persons or pace arising because of a non-compliance of HSE measure the Company will have the right to direct the Contractor to cease work until the non-compliance is corrected.

24.0 The Contractor should prevent the frequent change of his contractual employees as far as practicable.

25.0 The Contractor should frame a mutually agreed bridging document between OIL and the Contractor with roles and responsibilities clearly defined.

26.0 For any HSE matters not specified in the Contract document, the Contractor will abide the relevant and prevailing Acts/Rules/Regulations pertaining to Health, Safety and Environment.

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PROFORMA – BEC/A

Bidder shall submit following filled-up format for each work experience submitted against para 2.0 and 4.0.

FORMAT FOR TECHNICAL WORK EXPERIENCE

| Sl. No. | Required details | Work Experience no. |
|---------|--|---|
| 1. | Title of work | |
| 2. | Client/ Project Proponent | |
| 3. | Client category (Govt./ Semi Govt./ PSU/ Public Limited Company etc.) | |
| 4. | Brief description of work | |
| 5. | Work belongs to Hydrocarbon Industry | Yes / No |
| 6. | Nature of cross-country pipeline | Crude Oil/ Multi-product/ Other (please detail in case of other) |
| 7. | Is the work executed in India | Yes / No |
| 8. | Reference no. of Letter of Award/ Work Order/ Contract | |
| 9. | Name of vendor as mentioned in above document in Letter of Award/ Work Order/ Contract | |
| 10. | Original period of work (in months) as per letter of award, without time extensions | |
| 11. | Work start date | |
| 12. | Work completion/ commission date | |
| 13. | Awarded value of Work (including GST/Tax) | |
| 14. | Executed value of Work (including GST/Tax) | |
| 15. | File name and relevant page no. of the uploaded document in e-portal as proof of Letter of Award for the work | |
| 16. | File name and relevant page no. of the uploaded document in e-portal as proof of Contract/ Work Order for the work | |
| 17. | File name and relevant page no. of the uploaded document in e-portal as proof of Completion Certificate for the work | |
| 18. | File name and relevant page no. of the uploaded document in e-portal as proof of relevant additional supporting docu- | |

| Sl. No. | Required details | Work Experience no. |
|---------|---|--------------------------|
| | ments for the work | |
| 19. | File name(s) of the uploaded documents in e-portal as proof of relevant additional supporting documents | |
| 20. | Relevant Page no. of above file in sl. 19 | |

Appendix-B**Procedure for obtaining Labour License under Contract Labour (R&A) Act, 1970 & Central Rules-1971**

Every Contractor to whom this Act applies shall execute any work through Contract Labour only after obtaining valid license from Licensing Officer. To obtain license contractor is required to submit:

- i) Application in Form IV in triplicate duly filled (Name of the Proprietor/Partner or the Directors/Responsible person in case of firm/company, complete postal address including Pin Code number, Telephone Number, Fax Number & E-mail address, if any), correct details of PE and work to be executed etc. correctly against all columns;
- ii) In case contractor is registered under the Companies Act and applicant is other than Director then he should be holding valid Power of Attorney.
- iii) Original Form-V issued by PE
- iv) Demand Draft for license fees and security deposit payable in favour of Regional Labour Commissioner (Central), Ajmer along with duly filled central challan (in TR-6) duly signed by applicant in quadruplicate for each demand draft;
- v) Copy of Work Order;
- vi) Copy of Partnership Deed and in case of Company, the application should be accompanied with Memorandum of Association/Article of Association;

Note: 1. Application form complete in all respect shall be either personally delivered to the Licensing Officer or can be sent by Registered A.D. Post.

2. Contractors, may intimate Dy. Chief Labour Commissioner (Central), Ajmer for expediting/suitable action if they do not receive license nor any communication within a week.

3. Contractors are not required to visit office of Licensing Officer unnecessarily for obtaining license until and unless they have been specifically advised to appear in person. Appearance of contractors in the office of licensing officer for obtaining license by persuasion will be viewed seriously.

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GeM Registration ID Declaration

To,

OIL INDIA LIMITED

PIPELINE HEADQUARTER, Guwahati, ASSAM, INDIA

CONFIRMATION OF GOVERNMENT E-MARKET PLACE REGISTRATION
NUMBER(GeM)

We have confirmed the following:

Name of the Bidder:

Address:

GeM Registration ID:

Signature & Seal of the Bidder

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ANNEXURE-M

UNDERTAKING BY VENDOR ON SUBMISSION OF PERFORMANCE BANK GUARANTEE

To,
 The Oil India Limited
 Materials/Contracts Department
 Guwahati, Assam
 We

M/s

.....
 are submitting the performance security in favour of Oil India Limited,
 Guwahati in the form of bank guarantee bearing reference
 no. for an amount of INR/USD/EUR
 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

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Annexure-XX

Format for Undertaking by Bidders towards compliance of office memorandum F. No. 6/18/2019-PPD dated 23rd July, 2020 (Public Procurement no. 1) issued by Department of Expenditure, Ministry of Finance, Govt. of India
(To be typed on the letter head of the bidder)

Ref. No _____

Date _____

Tender No. _____ Dated _____

OIL INDIA LIMITED

.....

.....

Dear Sirs,

“We have read the clause regarding restrictions on procurement from a bidder or a country which shares a land border with India; We certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. We hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [Where evidence of valid registration by the Competent Authority shall be attached.]”

We also agree that, during any stage of the tender/contract agreement, in case the above information/documents submitted by us are found to be false, Oil India Limited has the right to immediately reject our bid/terminate contract at any stage and carry out further legal action on us in accordance with law.

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)

Note : This form should be returned along with offer duly signed.

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ANNEXURE-N**RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY
WHICH SHARES A LAND BORDER WITH INDIA**

1.0 Ministry of Finance of Govt. of India, Department of Expenditure, Public procurement Division vide office memorandum F. No. 6/18/2019-PPD dated 23rd July, 2020 (order-Public Procurement no.1) has proclaimed the insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 w.e.f. 23rd July, 2020 regarding restrictions on procurement from a bidder of a country which shares a land border with India on the grounds of defence of India on matters directly or indirectly related thereto including national security. Bidders are requested to take note of the following clauses and submit their offers accordingly wherever applicable.

Bidders must submit duly sealed & signed undertaking as per format provided vide, “**Annexure-XX**” along with the technical bid.

I. 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.

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.

II. “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.

III. “Bidder from a country which shares a land border with India “for the purpose of this Order means: -

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- 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.

IV. The beneficial owner for the purpose of (iii) above will be as under:

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;

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 or entitlement to more than fifteen percent of capital or profits of the partnership.

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 or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

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

5. In case of 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.

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

VI. The successful bidder shall not be allowed to sub-contract any job related to the procurement (e.g. installation and commissioning, Annual Maintenance Contract etc.) to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

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STARTUP AND MSE VENDORS

In case a Startup *[defined as per Ministry of Commerce and Industry (Department of Industrial Policy and Promotion, DIPP) latest notification]*/ MSE is interested in supplying the tendered item but does not meet the Pre-Qualifying Criteria (PQC)/ Proven Track Record (PTR) indicated in the tender document, the Startup/MSE is requested to write a detailed proposal separately, and not against the present tender requirement, to the tender issuing authority about its product. Such proposals shall be accompanied by relevant documents in support of MSE (where applicable) or in case of Startup, following documents shall be given:

1. Certificate of Recognition issued by the Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India.
2. Certificate of incorporation.
3. Audited Profit & Loss (P&L) Statement of all the Financial Years since incorporation. In case where the Balance sheet has not been prepared, bidder shall submit a certificate in original from its CEO/CFO stating the turnover of the bidding entity separately for each Financial Years since incorporation along with a declaration stating the reason for not furnishing the audited P&L Statement. This certificate shall be endorsed by a Chartered Accountant/Statutory Auditor.

The Proposal shall be examined by OIL and OIL may consider inviting a detailed offer from the Startup/MSE with the intent to place a TRIAL or TEST Order, provided the Startup/MSE meets the Quality and Technical Specifications.

In case the Startup/MSE is successful in the Trial Order, the vendor shall be considered for PQC exemption/relaxation (as the case may be) for the next tender for such item till the time it remains a Startup/MSE.

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PP-LC POLICY**(Purchase preference linked with local content)**

1. For this tender, only Class-I Local Suppliers and Class-II Local Suppliers as defined under clause 2.5 of PPLC Policy (Amended) issued by Ministry of Petroleum and Natural Gas ref. FP-20013/2/2017-FP-PNG dated 17.11.2020, are eligible to bid.
2. The minimum local content in terms of items/services for this tender shall be 20%.
3. Any Class-I local supplier can opt for benefit under either of MSE 2012 policy or PPLC policy. Their preference with respect to this shall be submitted in the relevant bidding form.
4. The Amended PPLC policy document is attached in the e-tender. Bidders have to read the document and upload the declaration/certificate for percentage of local content in prescribed format given below along with duly signed calculations in the relevant appendix format given below for necessary qualification/purchase preference as applicable.

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PROFORMA FOR SELF DECLARATION FOR LOCAL CONTENT

(On Bidder's Letter Head)

TENDER ENQUIRY NO.

ISSUED BY: Procurement Leader (Group 3), CPO (M), Bharat Petroleum Corporation
Limited (Procurement Authority)

I/We, the undersigned,(full names), do
hereby declare, in my / our capacity as
.....of (name of
bidder entity), the following:

- a) I / We have satisfied myself / ourselves that the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid document (refer Annexure no X)
- b) The local content has been calculated using the formula given in the “**Appendix**” contained in the Annexure-X referred above and the provisions as detailed in the PPLC amended policy attached therein.
- c) The Stipulated minimum threshold for Local content for the tendered items as **20%** is hereby met and we qualify as **Class I Local Supplier/ Class-II Local Supplier** as defined under clause no. 2.5 of the PPLC amended Policy document
- d) Local content for _____ (product name) is certified as _____%, as calculated in terms of the PPLC amended policy.

Note: If the bid is for more than one product, a schedule of the local content product-wise shall be attached.

- d) I/ We also declare that Local Content certificate shall be submitted along with each invoice raised by us after the contract has been awarded and we will ensure that the percentage of minimum local content as per the Class of supplier shall be maintained during all stages of execution of contract.

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- f) I/ We accept that the Procurement Authority / Institution have the right that the local content be verified in terms of the requirements of the said Policy.
- g) I/ We understand that submission of incorrect data, or data that are not verifiable as described in the said Policy (PPLC amended policy), may result in the Procurement Authority imposing any or all of the remedies as provided under the Policy.

SIGNATURE OF AUTHORIZED SIGNATORY:

STAMP :

DATE:

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CALCULATION OF LOCAL CONTENT – GOODS

| Name of manufacturer | | | Calculation of manufacturer cost per no unit of product | | | |
|----------------------------|---------|-----------------|---|---------------------------------|------------|----------------------------|
| Cost component in Rs./US\$ | | | Cost (Domestic component) | Cost (Imported component) | Cost Total | % Domestic Component |
| | | | A | B | C = A+B | D = A/ C |
| I. | Direct | material cost | | | | |
| II. | Direct | Labour cost | | | | |
| III. | Factory | Overhead | | | | |
| IV. | Total | Production cost | | | | |

Note:

$$\% \text{ LC Goods} = \frac{\text{Total cost (IV C)} - \text{Total imported component cost (IV B)}}{\text{Total Cost (IV.C)}} \times 100$$

$$\% \text{ LC Goods} = \frac{\text{Total Domestic component cost (IV A)}}{\text{Total Cost (IV C)}} \times 100$$

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CALCULATION OF LOCAL CONTENT – SERVICE

| NAME OF SUPPLIER OF GOODS/PROVIDER OF SERVICE | | | | | |
|---|---------------------------------|---------------------------------|------------|---------------|----------|
| COST SUMMARY | | | | | |
| Cost component in Rs./US\$ | Cost (Domestic component) | Cost (Imported component) | Cost Total | Local Content | |
| | B | C | D = B+C | % | Rs./US\$ |
| | B | C | D = B+C | E = B/ D | F=DxE |
| I. Material used cost | | | | | |
| II. Personnel & Consultant cost | | | | | |
| III. Other services cost | | | | | |
| IV. Total cost (I to III) | | | | | |
| TAXES AND DUTIES | | | | | |
| TOTAL QUOTED PRICE | | | | | |

Note:

$$\% \text{ LC Service} = \frac{\text{Total cost (A.IV D)} - \text{Total imported component cost (A.IV.C)}}{\text{Total Cost (A.IV.D)}} \times 100$$

$$\% \text{ LC Service} = \frac{\text{Total Domestic component cost (A.IV.B)}}{\text{Total Cost (A.IV.D)}} \times 100$$

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CALCULATION OF LOCAL CONTENT – EPC (GOODS AND SERVICE)

| A | NAME OF SUPPLIER OF GOODS/PROVIDER OF SERVICE | COST SUMMARY | | | | |
|-----|---|---------------------------------|---------------------------------|---------------|---------------|----------|
| | | Cost (Domestic component) | Cost (Imported component) | Cost Total | Local Content | |
| | Cost component in Rs./US\$ | | | | % | Rs./US\$ |
| | | B | C | D = B+D | E = B/ D | F=DxE |
| I. | GOODS | | | | | |
| 1. | Material used cost | | | | | |
| 2. | Equipment cost | | | | | |
| 3. | Sub Total I | | | | | |
| II. | SERVICES | | | | | |
| 1. | Personnel & Consultant cost | | | | | |
| 2. | Equipment & Work facility cost | | | | | |
| 3. | Construction/Fabrication cost | | | | | |
| 4. | Sub Total II | | | | | |
| 5. | TOTAL COST OF GOODS + SERVICES | | | | | |
| B. | Non Cost Component | | | | | |
| C. | TOTAL QUOTED PRICE | | | | | |

Note:

$$\% \text{ LC Combination} = \frac{\text{Total domestic component cost of goods (A.I.3.B)} + \text{Total domestic component cost of service (A.II.5.B)}}{\text{Total Cost (A.III.D)}} \times 100$$

$$\% \text{ LC Service} = \frac{\text{Total Domestic component cost (A.IV.B)}}{\text{Total Cost (A.IV.D)}} \times 100$$

| | | |
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| PIPELINE HEAD-QUARTER | UPGRADATION OF FACILITIES OF NUMALIGARH-SILIGURI PRODUCT PIPELINE (NSPL) FOR TRANSPORTATION OF ADDITIONAL PRODUCTS E-TENDER NO. CIP6285P21 | OIL INDIA LTD. GUWAHATI Page 155 of 159 |
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UNDERTAKING FOR APPLICABILITY OF POLICY

To,

M/s Bharat Petroleum Corporation Ltd

SUB:

TENDER NO:

Dear Sir

We, M/s _____ (*Name of Bidder*) hereby confirm that following purchase preference to be considered:-

| Description | Preference |
|---|----------------------|
| Purchase Preference (linked with local content) or | <input type="text"/> |
| Purchase Preference under Public Procurement Policy for MSE | <input type="text"/> |

Note:

- (i) Please indicate your preference against only one policy.
- (ii) The above preference shall be extended only after submission of requisite documents (as mentioned in the tender documents).
- (iii) In case a bidder is eligible to seek benefit under PP-LC policy as well as under MSE 2012, then the bidder should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy.
- (iv) In case a MSEs bidder opts for purchase preference based on PP-LC, he shall not be entitled to claim purchase preference benefit available to MSE Bidders under PPP for MSE 2012. However, the exemptions from furnishing Bidding Document fee and Bid security/EMD shall continue to be available to such MSE Bidders.
- (v) The option once exercised cannot be modified subsequently.

[Signature of Authorized Signatory of Bidder having power of Attorney]

Place:

Date:

Name:

Designation:

Seal:

| | | |
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**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,

**The Dy. General Manager (Materials)PL
Oil India Limited, Pipeline Headquarters
Narangi, Guwahati**

Sub: Undertaking of authenticity of information/documents submitted

Ref: Your tender No. _____ Dated _____

Sir,

With reference to our quotation no. dated..... 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)

| | | |
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Annexure-C

Bidder's CHECK LIST against Bid Evaluation Criteria (Technical)

| Sl | Bid Evaluation Criteria (Technical) | Compliance (Yes / No) | Mention file name and page number of uploaded supporting documents. |
|------------|---|-----------------------|---|
| A | GENERAL | | |
| 1 | Soft copies (*.pdf / *.jpg / *.png) should be directly scanned from the Original Documents, preferably in Colour, with at least 200 dpi resolution. Documents scanned with poor quality dpi or sharpness or poorly visible texts or inadequate data may lead to straight rejection of the bid. Notwithstanding above, the bidder may be asked to produce the original documents for verification. | | |
| a | Are all documents scanned legible and readable? | Yes / No | |
| b | Are all documents scanned without any alternations or editing? | Yes / No | |
| c | Are all documents scanned in COLOUR at 200dpi resolution in *.pdf / *.jpg / *.png format? | Yes / No | |
| B | TECHNICAL [BID EVALUATION CRITERIA (BEC)] | | |
| 2 | The bidder shall be an Engineering, Procurement, Construction Management (EPCM) consultant and shall have successfully carried out One 'Similar Work' of minimum executed value of INR 32.80 Crores during past 7 years (to be reckoned from the original bid closing date) Definition of 'SIMILAR WORK': EPCM Consultancy Services for Design, Engineering, Procurement of Goods & services, Project Management & Construction management of cross-country Hydrocarbon pipeline along with pumping/dispatch station and terminal for any Central Govt./ State Govt./ Semi-Govt./ Public Sector Undertaking/ State Govt. Enterprise/ any Public Limited Company in India which has been successfully completed/ commissioned. | | |
| a | Have submitted 'Work Completion' certificate issued by the eligible employer? | Yes / No | |
| b | Is the employer a Govt. Organisation, Public Ltd or Pvt Ltd Company? | Yes / No | |
| c | Is minimum executed Contract Value = INR 32.8 Crore or higher? | Yes / No | |
| d | Was the declared work experience executed or completed during last 7 years? | Yes / No | |
| e | Is the EPCM Consultancy Service for cross-country Hydrocarbon pipeline along with pumping/dispatch station and terminal? | Yes / No | |
| C | FINANCIAL [BID EVALUATION CRITERIA (BEC)] | | |
| 3 | The bidder shall have Annual Turnover Minimum INR 32.80 Crore in any of the preceding 3 (Three) financial years, considered from the original bid closing date and Net Worth of the bidder should be positive for the preceding financial/ accounting year. | | |
| a | Have submitted 'Audited Balance Sheet' or certificate issued by a practicing Chartered/Cost Accountant? | Yes / No | |
| D | EVALUATION OF BID (QCBS CRITERIA) | | |
| 4.1 | Past Experience of EPCM service for construction of On-shore Cross-country Multi-product Pipeline with pumping stations or Construction of Pump Station for Multi-Product Pipeline of minimum executed value of INR 16.40 Crore commissioned during last 7 years (to be reckoned from the original bid closing date). | | |
| | No of Job completed certificates submitted for the above. | | |
| a | Have submitted 'Work Completion' certificate issued by the owner as per the note in BEC? | Yes / No | |
| 4.2 | Past Experience of EPCM services of minimum executed value of INR 32.80 Crores in hydrocarbon sector completed/ commissioned during last 7 years (to be reckoned from the original bid closing date) | | |
| | No of Job completed certificates submitted for the above. | | |
| a | Have submitted 'Work Completion' certificate issued by the owner as per the note in BEC? | Yes / No | |
| 4.3 | Percentage Time Overrun of EPCM services for Commissioning/ Completion of the project in hydrocarbon sector of minimum executed value of INR 16.40 Crore during last 7 years (to be reckoned from the original bid closing date). | | |
| | No of Job completed certificates submitted for the above. | | |
| a | Have submitted 'Work Completion' certificate issued by the owner as per the note in BEC? | Yes / No | |
| 4.3 | Annual Average Financial Turnover of the bidder during any of preceding 03 (Three) financial/ accounting years from the original bid closing date | | |
| | Have submitted 'Audited Balance Sheet' or certificate issued by a practicing Chartered/Cost Accountant? | | |

Bidder's Sign and Seal

| | | |
|-----------------------|--|---|
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(Undertaking by the bidder, in case the last Financial Year has not been audited as required under Financial Criteria of BEC/BRC)

Date:.....

To,

Oil India Limited

Sub: Undertaking for Un-audited Financial Statement

Ref: **Tender No** **Dated**

Dear Sir,

I/we hereby certify that the balance sheet/Financial Statements for the preceding financial year _____ has actually not been audited so far.

Yours faithfully,

Bidder's Sign and Seal

--END OF TENDER DOCUMENT--

| | | |
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