



KG Basin Project

D.NO.11-4-7, Nookalamma Temple Street,
Ramarao Peta, KAKINADA
Andhra Pradesh- 533004, INDIA
Phone (O) 0884-2302176

Email: kgbasin@oilindia.in

GLOBAL NOTICE INVITING TENDERS

FORWARDING LETTER

To

The prospective bidders

Dear Sirs,

Sub: IFB No. CEG2303P20 FOR HIRING OF SERVICES FOR 2D & 3D SEISMIC DATA ACQUISITION AND PROCESSING OF 500 LKM & 610 SQ. KM (CLUSTER-1 COVERING MN-ONHP-2018/1 AND MN-ONHP-2018/2) WITH A PROVISION FOR +/- 20% QUANTITY TOLERANCE LIMIT IN OIL'S OALP AREAS OF MAHANADI BASIN IN ODISHA UNDER QCBS (QUALITY & COST BASED SELECTION) TENDERING PROCESS

Dear Sirs,

1.0 OIL INDIA LIMITED (OIL), a “Navaratna” Category, Government of India Enterprise, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas with its Headquarters at Duliajan, Assam. Oil India Limited (OIL)’s Project office located at Kakinada is presently entrusted to coordinate activities related to exploration and production of oil and Natural Gas from the Krishna Godavari onshore and offshore, Mahanadi Onshore, Andaman offshore and Kerala Konkan offshore basins in India. The Project Office of OIL at Kakinada is well connected by Road, Rail & Air. OIL has been awarded five onshore exploration blocks in Mahanadi Basin in Odisha during the recently concluded OALP II & III rounds.

2.0 In connection with its exploration initiatives in newly awarded OALP Blocks in onshore Mahanadi basin, OIL invites International Competitive Bids (ICB) from competent and experienced contractors through OIL’s e-procurement site for **Hiring of Services for 2D & 3D Seismic Data Acquisition and Processing of 500 LKM & 610 sq. km. respectively with a provision for +/- 20 % quantity tolerance limit in OIL’S OALP Areas of Mahanadi Basin in Odisha for a period of EIGHTEEN (18) months (including monsoon break)**. One complete set of Bid Document covering OIL's IFB for hiring of above services is uploaded in OIL’s e-procurement portal. Eligible and interested parties are invited to submit their most competitive bid on or before the scheduled bid closing date and time through OIL’s e-procurement portal. For ready reference of prospective bidders, few salient points of the IFB (covered in detail in the Bid Document) are highlighted below:

IFB No./ Tender No.	CEG2303P20
a. Type of IFB	Single Stage Two Bid System
b. Bid Closing Date & Time	As mentioned in Online E-tender portal
c. Bid (Technical) Opening Date & Time	As mentioned in Online E-tender portal
d. Priced Bid Opening Date & Time	Will be intimated to the eligible Bidders nearer the time.
e. Bid Submission Mode	Bid to be uploaded on-line in OIL's E-Procurement portal.
f. Bid Opening Place	Office of the Executive Director (KGB&BEP), Oil India Ltd., KG Basin Project D.NO.11-4-7 Nookalamma Temple Road Ramarao Peta, Kakinada, Andhra Pradesh-533004, India
g. Bid Validity	120 days from bid Closing date
h. Mobilization Time	60 days
i. Bid Security Amount	INR 1,25,15,000.00/- or US\$ 1,74,600.00/-
j. Bid Security Validity	150 days from bid closing date
k. Amount of Performance Security	10% of one year estimated contract value
l. Validity of Performance Security	Up to 3 months from date of completion of contract
m. Duration of the Contract	Acquisition and Processing of 2D & 3D seismic data as per tendered volume to be completed within Eighteen (18) months (including monsoon period as applicable for acquisition) from the date of commencement of contract with early termination clause.
n. Quantum of Liquidated Damage for Default in Timely Mobilisation/ Completion	Refer clause No. 17.0 of General Conditions of Contract (Part-3, Section-I)
o. Bids to be addressed to	Executive Director (KGB&BEP), Oil India Ltd., KG Basin Project D.NO.11-4-7, Nookalamma Temple Road Ramarao Peta, Kakinada Andhra Pradesh-533004, India
p. Pre-Bid Conference Date and Venue	19.09.2019 at 10:00 hrs (IST) at OIL's Project Office in Kakinada
q. Last Date of receipt of Queries	18.09.2019 up to 17:30 Hrs (IST)
r. Integrity Pact	Must be digitally signed and uploaded along with Techno-commercial Bid
s. Tender fee	Nil/ Not applicable

3.0 Pre-Bid Conference: A pre-bid conference will be held on **19.09.2019 at 10:00 hrs** (IST) in OIL's KG Basin Project Office at D. No. 11-4-7 Nookalamma Temple Road, Ramarao Peta, Kakinada, Andhra Pradesh-533004, India. **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. Foreign bidder may also request OIL for an invitation letter, if required, for the purpose of visa for attending the conference. 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.

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.**

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

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

5.1.3 The authenticity of above digital signature shall be verified through authorized CA after bid opening. If the digital signature used for signing is not of "Class-3" with Organizations name, the bid will be rejected. Bidder is responsible for ensuring the validity of digital signature and its proper usage by their employee. The bid including all uploaded documents shall be digitally signed by duly authorized representative of the bidding company.

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

5.3 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 and time of the

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

5.4 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 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.

5.5 MSEs Units (manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.

5.6 For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer / service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regards and request for bid closing date extension on that plea shall not be entertained by Company.

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 E-Tender support cell at Duliajan at **erp_mm@oilindia.in**, Ph.: **+91-374-2804903/+91 -374-2807178/7192/7171**.

5.8 TENDER FEE: Not Applicable. No Tender Fee is required to be paid. All interested parties can obtain Tender Free of cost and participate.

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

5.10 The link to OIL's E-Procurement Portal has been provided through OIL's web site (www.oil-india.com).

6.0 **QUERIES/CLARIFICATIONS ON THE TENDER:**

6.1 The prospective Bidders shall submit their queries/clarifications against the tender through E-mail / Fax /Courier addressed to Executive Director(KGB&BEP), OIL INDIA LIMITED, KG Basin Project Office at D. No. 11-4-7 Nookalamma Temple Road, Ramarao Peta,

Kakinada, Andhra Pradesh-533004, India and such queries must reach OIL's KG Basin Project office at Kakinada latest by **18.09.2019**. OIL shall provide clarifications on the date of pre-bid conference to only those queries received within this date. Replies will also be uploaded in OIL's e-tender portal. Queries / Clarifications against the tender received beyond 18.09.2019 will not be entertained and replied. OIL will not be responsible for non-receipt or late receipt of any Bidder's query in OIL's office. A soft copy of the queries in the word file shall also be submitted by the parties.

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

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 documents 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 marked as "Original Bid Security" and addressed to Executive Director (KGB&BEP), OIL INDIA LIMITED, KG Basin Project Office at D. No. 11-4-7 Nookalamma Temple Road, Ramarao Peta, Kakinada, Andhra Pradesh-533004, India
 - a) Original Bid Security
 - b) Printed catalogue and Literature, if called for in the tender.
 - c) Power of Attorney for signing the bid.
 - d) Any other document required to be submitted in original as per tender requirement.

The above documents including the Original bid security, must be received at OIL's office of Executive Director (KGB&BEP) at Kakinada on or before 11.00 Hrs (IST) on the Bid Closing date failing which the bid shall be rejected. A scanned copy of the Bid Security shall also be uploaded by the Bidder along with their Technical Bid in OIL's E-procurement site.

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 3.00 PM (IST) at the office of the Executive Director (KGB&BEP) 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 (QCBS). 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.**

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 *

[Guest User](#)

[Log on](#)

[Lagon 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](#)

Please do refer “NEW INSTRUCTION TO BIDDER FOR SUBMISSION” for the above two points and also please refer “New Vendor Manual (effective 12.04.2017)” available in the login Page of the OIL’s E-tender Portal. A screen shot in this regard is shown below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria

RFx Response Number 60037504 RFx Number TESTARUP Status In Process Submission Deadline 15.04.2017 11:00:00 INDIA Opening Date 15.04.2099 00:00:00 INDIA

RFx Response Version Number Active Version RFx Version Number 1

RFx Information Items Notes and Attachments Conditions Summary Tracking

Basic Data Questions Technical Attachments

▼ Notes

Clear

Category	Description
Conditions of Participation	
Bid Invitation/Auction Text	
Bidder's Remarks	
Purchaser's Remarks	

▼ Attachments

▼ cFolder Attachments

Add Attachment Delete Verify Signature

cFolder Name	Category	Description	File Name	Version	Processor	Che
The table does not contain any data						

On “EDIT” Mode, Bidders are advised to upload “Technical Bid” and “Priced Bid” in the respective places as indicated above:

Note:

- * The “Technical Bid” shall contain all techno-commercial details **except the prices**.
- ** The “Priced bid” must contain the price schedule and the bidder’s commercial terms and conditions, if any. For uploading Priced Bid, click on Add Attachment, a browser window will open, select the file from the PC and name the file under Description, Assigned to General Data and click on OK to digitally sign and upload the File. Please click on Save Button of the Response to Save the uploaded files.

v) For convenience of the Bidders and to improve transparency, the rates/costs quoted by bidders against the e-tender shall be available for online viewing to all the Techno-commercially qualified Bidders against the tender after price bids are opened in the system. For tenders where **Detailed Price Information under RFx Information Tab is “No price”**, the Price Bid is invited against the tender through attachment form under “Notes &

Attachment”. As per the existing process, Bidders must upload their pricing as per the “Price Bid ” – Proforma-B under “Notes & Attachment” and additionally to fill up the on-line field “Total Bid Value” under Tab Page “**RFx Information**” with the Total Cost (Including the GST component) as per the amount of the Price Bid in attachment form.

The screenshot shows the 'Create RFx Response' web form. At the top, there are tabs: 'Submit', 'Read Only', 'Print Preview', 'Check', 'Technical RFx Response', and 'Close'. Below these, the 'RFx Response Number' is 60038748 and the 'RFx Number' is partially visible. The 'RFx Owner' is BHARALI and the 'Total Value' is 0.00 INR. The form has several tabs: 'RFx Information', 'Items', 'Notes and Attachments', 'Basic Data', 'Questions', and 'Technical Attachments'. The 'RFx Information' tab is selected. Under 'Event Parameters', there are three fields highlighted with red boxes: 'Currency: Indian Rupee', 'Detailed Price Information: No Price', and 'Total Bid Value:'. Blue callout boxes provide additional information: one points to the 'Currency' field saying 'Bidder to select the currency of the response'; another points to the 'Detailed Price Information' field saying 'Total Bid value is mandatory in "No Price" RFX only'; and a third points to the 'Total Bid Value' field saying '"Total Bid Value" considering all the taxes & duties'.

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

It is to be noted that Amount mentioned in the “Total Bid Value” field will not be considered for bid evaluation and evaluation will be purely based on the Price bid submitted as per the Proforma-B.

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

vii) **BACKING OUT BY L-1 BIDDER AFTER ISSUE OF LOA:** In case LOA issued is not accepted by the L1 bidder or the Performance Security is not submitted as per the terms of the contract within the time specified in the Bid Document, the Bid

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

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

ix) **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.

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

Thanking you,

Yours faithfully,
OIL INDIA LIMITED

(A Baruah)
Sr. Manager (Materials)
for General Manager (C&P)
for Executive Director (KGB &BEP)

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.

1.1 Bidders are advised to have a thorough reconnaissance of the area, to know the terrain and get themselves fully acquainted with details of surface topographic features, fair weather slot, weather conditions, working culture in the area, socio-political environment, security aspects and law of the land, prior to submitting their bids. This will also help them to judiciously select proper inputs for successful execution of the project. However, all such related expenses shall be to bidder's account. The bidders shall be deemed, prior to submitting their bids, to have satisfied themselves all the above aspects 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.

A. BID DOCUMENTS

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) The amount of Bid Security with validity
 - (viii) The amount of Performance Guarantee with validity
 - (ix) Quantum of liquidated damages for default in timely mobilization
- (b) Instructions to Bidders, (Part-1)
- (c) Bid Evaluation Criteria, (Part-2)
- (d) General Conditions of Contract, (Part-3, Section-I)
- (e) Scope of Work/Terms of Reference/Technical Specification, (Part-3, Section-II)
- (f) Special Conditions of Contract, (Part-3, Section-III)
- (g) Schedule of Services / Schedule of Rates, (Part-3, Section-IV)
- (h) Estimated CIF value of items at the time of import, (Proforma-A)
- (i) Price Bid Format, (Proforma-B)
- (j) Bid Form, (Proforma-C)
- (k) Statement of Compliance, (Proforma-D)
- (l) Bid Security Form, (Proforma-E)
- (m) Performance Security Form, (Proforma-F)
- (n) Contract Form, (Proforma-G)
- (o) Proforma of Letter of Authority, (Proforma-H)
- (p) Authorisation for Attending Bid Opening, (Proforma-I)
- (q) Integrity Pact, (Annexure-A)

- (r) Format for Certificate of Annual turnover & Net Worth (Appendix- I)
- (s) Undertaking of authenticity of information/documents submitted (Appendix-II)
- (t) Format of Agreement between Bidder and Parent/100% owned Subsidiary Company (Attachment – I)
- (u) Parent Company/Subsidiary Company Guarantee (Attachment – II)
- (v) Format of Agreement between Bidder and Sister Subsidiary/Co-subsubsidiary Company and the Ultimate Parent/Holding Company of both the Bidder and Sister Subsidiary / Co-Subsidiary (Attachment –III)
- (w) Parent/Ultimate Parent/Holding Company’s corporate guarantee towards financial standing (Attachment-IV)
- (x) General HSE Points (Appendix-A)
- (y) Procedure for obtaining labour license (Appendix-B)
- (z) Provisions for Purchase Preference Policy (linked with Local Content (PP-LC) (Annexure-X) (together with Enclosure-B and Enclosure-III)
- (aa) Proforma of Bank Guarantee towards PP-LC (Annexure-XI)
- (bb) List of Key personnel to be deployed by Contractor per crew (Annexure-A)
- (cc) Equipment for 2D and 3D seismic data acquisition per crew (Annexure-B)

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.

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 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.**

B. PREPARATION OF BIDS

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

5.1 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.

6.0 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.
- (ii) Documentary evidence established in accordance with Clause 10.0 hereunder.
- (iii) Bid Security (scanned) in accordance with Clause 11.0 hereunder. Original Bid Security should be sent as per Clause No. 11.15 hereunder.
- (iv) Copy of Bid-Form **without** indicating prices in Proforma-C
- (v) Statement of Compliance as per Proforma-D
- (vi) Proforma-A: List of items to be imported **without** the CIF values.
- (vii) Copy of Priced Bid **without indicating prices** (Proforma-B)
- (viii) Integrity Pact digitally signed by OIL's competent personnel as Annexure-A, attached with the bid document to be digitally signed by the Bidder.
- (ix) Undertaking of authenticity of information/documents submitted (Appendix-II)

Note: Please note that, price should not be mentioned in the “Technical Attachments” tab.

(B) PRICED BID

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

- (i) Price-Bid Format as per Proforma-B
- (ii) Bid Form as per Proforma-C
- (iii) Proforma-A showing the items to be imported with the CIF values.
- (iv) Enclosure-III (PP-LC), if applicable

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

7.0 BID FORM

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

8.0 BID PRICE

8.1 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.

8.2 Prices quoted by the successful Bidder must remain firm during its performance of the Contract and is not subject to variation on any account.

8.3 All duties (except basic customs duty which will be borne by the Company) 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.

9.0 CURRENCIES OF BID AND PAYMENT

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

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

10.0 DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS

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

11.0 BID SECURITY

11.1 The Bid Security is required to protect the Company against the risk of Bidder's conduct, which would warrant forfeiture of the Bid Security, pursuant to sub-clause 11.9 hereunder.

11.2 All the bids must be accompanied by Bid Security in Original for the amount as mentioned in the "Forwarding Letter" or an equivalent amount in other freely convertible currency and shall be in the OIL's prescribed format as Bank Guarantee (BG) enclosed with the NIT/Tender vide **Proforma-E** or online payment through OIL's e portal in or an irrevocable Letter of Credit (L/C) from any of the following Banks –

- i) 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 bidder, or
- ii) In case of foreign bidder, the bank guarantee can be accepted from any scheduled bank in India or from International bank who has its branch in India registered with Reserve Bank of India, or
- iii) Any foreign Bank which is not a Scheduled Bank in India, provided the Bank Guarantee issued by such Bank is counter-guaranteed by any Branch situated in India of any Scheduled Bank incorporated in India.

The Bank Guarantee / LC shall be valid for the time as asked for in the Bid Document. Bank Guarantees issued by Banks in India should be on non-judicial stamp paper of requisite value, as per Indian Stamp Act, purchased in the name of the Banker.

Note: Bid Security in the form of DD/Cheque/Cashier Cheque or any other mode will not be acceptable.

11.3 Bidders can submit Bid Security on-line through OIL's electronic Payment Gateway.

11.4 Bank Guarantee with any condition other than those mentioned in OIL's prescribed format shall not be accepted.

11.5 The Bank Guarantee issued by a Bank amongst others shall contain the complete address of the Bank including Phone Nos., Fax Nos., E- mail address and Branch Code.

11.6 Bid Security shall not accrue any interest during its period of validity or extended validity. OIL shall not be liable to pay any bank charges, commission or interest on the amount of Bid Security.

11.7 The Bank Guarantee should be enforceable at all branches of the issuing Bank within India and preferably at Kakinada, Andhra Pradesh, the place of issuance of tender.

11.8 Any bid not secured in accordance with **sub-clause 11.2** above shall be rejected by the Company as non-responsive. Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-Scheduled Bank of India shall not be acceptable.

11.9 The Bidders shall extend the validity of the Bid Security suitably, if and when specifically advised by OIL, at the Bidder's cost.

11.10 Unsuccessful Bidder's Bid Security will be discharged and/or returned within 30 days after finalization of IFB.

11.11 Successful Bidder's Bid Security will be discharged and/or returned upon Bidder's furnishing the Performance Security and signing of the contract. Successful Bidder will however ensure validity of the Bid Security till such time the Performance Security in conformity with **Clause 29.0** below is furnished.

11.12 The Bid Security may be forfeited, if:

- i) The Bidder withdraws the bid within its original/extended validity.
- ii) The Bidder modifies/revise their bid Suo-moto.
- iii) Bidder does not accept the order/contract.
- iv) Bidder does not furnish Performance Security Deposit within the stipulated time as per tender/order/contract.
- v) If it is established that the Bidder has submitted fraudulent documents or has indulged into corrupt and fraudulent practice, the bid security shall be forfeited after due process in addition to other action against the Bidder.

11.14 In case any Bidder withdraws their bid during the period of bid validity, Bid Security will be forfeited and the party shall be put in the Holiday List for a period of 6 months to two (02) years as the case may be as per Company's Banning Policy (available in OIL website).

11.15 The scanned copy of the original Bid Security in the form of either Bank Guarantee or LC must be uploaded by Bidder along with the Technical bid in the "Technical Attachment" of OIL's E-portal. The original Bid Security shall be submitted by Bidder to the office of Executive Director(KGB&BEP), OIL INDIA LIMITED, KG Basin Project Office at D. No. 11-4-7 Nookalamma Temple Road, Ramarao Peta, Kakinada, Andhra Pradesh-533004, India in a sealed envelope which must reach the office on or before 11.00 Hrs (IST) of the Bid Closing date. The envelope must be super-scribed with "Bid Security", IFB No., Description of Services & Bid Closing Date.

11.16 A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

12.0 EXEMPTION FROM SUBMISSION OF BID SECURITY

12.1 Central Govt. offices and Central Public Sector undertakings are exempted from submitting Bid Security.

12.2 If the Bidder is a Micro or Small Enterprises (MSE) registered with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME, then they are also exempted from submitting Bid Security. Bidding MSEs shall have to submit a Copy of valid Registration Certificate clearly indicating the monetary limit, if any and the items for which Bidder are registered with any of the aforesaid agencies.

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

13.0 PERIOD OF VALIDITY OF BIDS

13.1 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.

13.2 In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing through Fax or e-mail. The Bid Security provided under Para 11.0 above shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request will neither be required nor permitted to modify their Bid.

C. SIGNING & SUBMISSION OF BIDS

14.0 SIGNING OF BID

14.1 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. 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 as mentioned in Para 15.1 below.

In case the digital signature is not of "Class-3" with organization name, the bid will be rejected.

Bidder is responsible for ensuring the validity of digital signature and its proper usage by their employees.

14.2 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.

14.3 Any person signing the Bid or any other document in respect of this Bidding Document or other relevant documents on behalf of the Bidder without disclosing his authority to do so shall be deemed to have the authority to bind the Bidder. If it is discovered at any time that the person so signing has no authority to do so, the Company (OIL) may, without prejudice to any other right or remedy, cancel his Bid or Contract and hold the Bidder liable to the Company (OIL) for all costs and damages arising from the cancellation of the Bid or Contract including any loss which the Company (OIL) may sustain on account thereof.

14.4 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.

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

15.0 SUBMISSION OF BIDS

15.1 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.

However, the following documents in one set should necessarily be submitted in physical form in sealed envelope super-scribing the "IFB No., Brief Description of services and Bid Closing/Opening Date & Time along with the Bidder's name" and should be submitted to Executive Director(KGB&BEP), Oil India Ltd., KG Basin Project, Door NO. 11-4-7, 3rd Floor, Nookalamma Temple Street, Ramarao Peta, Kakinada 533004, Andhra Pradesh, India on or before 11.00 Hrs (IST) on the bid closing date indicated in the IFB:

- i) The Original Bid Security along with 1(one) copy
- ii) Power of Attorney for signing of the bid digitally
- iii) Any other document required to be submitted in original as per bid document requirement.
- iv) Printed catalogue and literature if called for in the bid document.

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

15.2 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.

15.3 Timely delivery of the documents in physical form as stated in Para 15.1 above is the responsibility of the Bidder. Bidders should send the same through Registered Post or by Courier Services or by hand delivery to the Officer in Charge of the particular tender before the Bid Closing Date and Time. Company shall not be responsible for any postal delay/transit loss.

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

16.0 INDIAN AGENT/REPRESENTATIVE/RETAINER/ASSOCIATE

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

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

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

17.0 DEADLINE FOR SUBMISSION OF BIDS

17.1 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.

17.2 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.

17.3 The documents in physical form as stated in Para 15.1 must be received by Company at the address specified in the "Forwarding Letter" on or before 11.00 Hrs (IST) on the Bid Closing Date mentioned in the "Forwarding Letter". Timely delivery of the same at the address mentioned in the Forwarding Letter is the responsibility of the Bidders.

18.0 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.

19.0 MODIFICATION AND WITHDRAWAL OF BIDS

19.1 The Bidder after submission of Bid may modify or withdraw its Bid prior to Bid Closing Date & Time.

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

19.3 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.

20.0 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.

21.0 BID OPENING AND EVALUATION

21.1 Company will open the Technical Bids, including submission made pursuant to clause 19.0, 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.

21.2 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.

21.3 Bids which have been withdrawn pursuant to clause 19.0 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.

21.4 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.

21.4.1 Company shall prepare, for its own records, minutes of bid opening including the information disclosed to those present in accordance with the sub-clause 21.4.

21.5 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.

21.6 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.

21.7 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.

21.8 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.

21.9 The Company shall perform Technical evaluation of the responsive bid(s) on the basis of **Section II ‘Terms of Reference/Scope of Work/ Technical Specification’** and **Part-2 ‘Bid**

Evaluation Criteria’. Pursuant to Clause 21.0, the Company shall determine the successful Techno-commercial bid(s) for Price Bid opening.

22.0 OPENING OF PRICED BIDS

22.1 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.

22.2 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.

22.3 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.

23.0 CONVERSION TO SINGLE CURRENCY: While evaluating the bids, the closing rate of exchange declared by State Bank of India on the day prior to price bid opening will be taken into account for conversion of foreign currency into Indian Rupees. Where the time lag between the opening of the price bids and final decision exceeds three months, the rate of exchange declared by State Bank of India on the date prior to the date of final decision will be adopted for conversion.

24.0 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.

24.1 **DISCOUNTS / REBATES:** Unconditional discounts/rebates, if any, given in the bid will be considered for evaluation.

24.2 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.

24.3 **LOADING OF FOREIGN EXCHANGE:** There would be no loading of foreign exchange for deciding the inter-se-ranking of domestic Bidders.

24.4 **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.

24.5 **REPATRIATION OF RUPEE COST:** In respect of foreign party’s rupee payments made on the basis of the accepted rupee component of their bid, would not be repatriable by them. A condition to this effect would be incorporated by the Company in the contract.

25.0 CONTACTING THE COMPANY

25.1 Except as otherwise provided in **Clause 21.0** 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 21.6**.

25.2 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.

D. AWARD OF CONTRACT

26.0 AWARD CRITERIA

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

27.0 COMPANY'S RIGHT TO ACCEPT OR REJECT ANY BID

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

28.0 NOTIFICATION OF AWARD

28.1 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.

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

28.3 Upon the successful Bidder's furnishing of Performance Security pursuant to Clause 29.0 below, the Company will promptly notify each un-successful Bidder and will discharge their Bid Security, pursuant to Clause 11.0hereinabove.

29.0 PERFORMANCE SECURITY

29.1 On receipt of notification of award from the Company, the successful Bidder shall furnish to Company the Performance Security for an amount specified in the Forwarding Letter (and Letter of Award (LOA) issued by Company to Contractor awarding the contract) as per **Proforma-F** or in any other format acceptable to the Company and must be in the form of a Bank Guarantee or irrevocable Letter of Credit (LC) from:

- a) Any schedule Indian Bank or Any Branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign bank in case of domestic Bidder, or
- b) In case of Foreign Bidder, the bank guarantee can be accepted from any scheduled bank in India or from International bank who has its branch in India registered with Reserve Bank of India.
- c) Any foreign Bank which is not a Scheduled Bank in India, provided the Bank Guarantee issued by such Bank is counter-guaranteed by any Branch situated in India of any Scheduled Bank incorporated in India

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

- a) Full address.
- b) Branch Code.
- c) Code Nos. of the authorized signatory with full name and designation.
- d) Phone Nos., Fax Nos., E-mail address.

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

The foreign Bidder will submit the Bank Guarantee from Banks of Indian origin situated in their country. In case no such bank of Indian origin is situated in their country, the Bank Guarantee may be submitted from the bankers as specified above.

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

29.2 The Performance Security specified above must be valid for 3 (three) months beyond the contract period. The Performance Security 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.

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

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

29.5 Failure of the successful Bidder to comply with the requirements of **clause 29.0 and/or 30.0** 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.

30.0 SIGNING OF CONTRACT

30.1 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.

30.2 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.

30.3 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.

31.0 FURNISHING FRAUDULENT INFORMATION/DOCUMENTS

31.1 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.

32.0 CREDIT FACILITY

32.1 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.

33.0 MOBILISATION ADVANCE PAYMENT

33.1 Request for advance payment shall not be normally considered. However, depending on the merit and at the discretion of the Company, advance against mobilisation charge may be given at an interest rate of 1% above the prevailing Bank rate (CC rate) of SBI from the date of payment of the advance till recovery/refund.

33.2 Advance payment agreed to by the Company shall be paid only against submission of an acceptable bank guarantee whose value should be equivalent to the amount of advance plus the amount of interest covering the period of advance. Bank guarantee shall be valid for 2 months beyond completion of mobilisation and the same may be invoked in the event of Contractor's failure to mobilise as per agreement.

33.3 In the event of any extension to the mobilisation period, Contractor shall have to enhance the value of the bank guarantee to cover the interest for the extended period and also to extend the validity of bank guarantee accordingly.

34.0 INTEGRITY PACT

34.1 OIL shall be entering into an Integrity Pact with the Bidders as per format enclosed vide **Annexure-A** 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 have 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.**

34.2 OIL has appointed Shri Rajiv Mathur, IPS(Retd.), Shri Jagmohan Garg, Ex- Vigilance Commissioner and Shri Rudhra Gangadharan, IAS (Retd.) 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:

1. Shri Rajiv Mathur, IPS(Retd), Former Director, IB, Govt. of India; E-mail: rajivmathur23@gmail.com
2. Shri Jagmohan Garg, Ex Vigilance Commissioner, CVC, e-Mail ID: jagmohan.garg@gmail.com
3. Shri Rudhra Gangadharan, IAS (Retd.), Ex-Secretary, Ministry of Agriculture, e-Mail ID: rudhra.gangadharan@gmail.com

35.0 LOCAL CONDITIONS

35.1 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.

35.2 SITE VISIT: The Bidder, at the Bidder's 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 for preparing the Bid and entering into a Contract for the required services/work.

The Contractor shall be deemed prior to Pre-bid Conference (if applicable) & submitting their Bid to have:

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

36.0 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.

37.0 CUSTOMS DUTY: The Equipment/Tools etc. and the services under this Contract shall be carried out in OALP areas of the Company which have been issued or renewed to Company. Basic Customs Duty on the imports under this Contract presently shall be Nil. Recommendatory letter shall be provided by the Company to avail nil customs duty benefit. Bidders should take note of the same while quoting. No customs duty is therefore considered for evaluation.

38.0 PURCHASE PREFERENCE: Purchase Preference 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.

39.0 PRICE PREFERENCE: Price Preference 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 price preference against this tender.

40.0 PURCHASE PREFERENCE ON LOCAL CONTENT: Purchase preference policy-linked with Local Content (PP - LC) notified vide letter no. O-27011/44/2015-ONG-II/FP dated 25.04.2017 of MoP & NG shall be applicable in this tender. 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.

41.0 General Health, Safety and Environment (HSE) aspects shall be as per the terms set forth in **Appendix-A** of the tender document.

42.0 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.

43.0 The User Manual provided on the e-portal on the procedure 'How to create Response' for submitting offer may be referred for guidance.

END OF PART – 1

PART – 2
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.

I. TECHNICAL EVALUATION CRITERIA:

1.0 The Bidders must meet the following experience criteria.

(i) Bidders must have successfully completed both 2D & 3D land Seismic Surveys using explosive as source, with a minimum cumulative total of 250 GLKM and 305 SQ.KM respectively in the last **seven (07)** years, reckoning the period from the original bid closing date of the tender. Bidders must submit documentary evidence in support of their experiences as under:

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

OR

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

OR

Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.

Notes:

a. For technical evaluation, pertaining to clause no. 1.0 (i) above, acquisition of One (1) SQ. KM of 3D seismic data will be considered equivalent to acquisition of Two (2) LKM of 2D seismic data. In the instant case, if a bidder has acquisition experience of only 3D land Seismic Surveys using explosive as source, then minimum cumulative acquisition experience requirement is 430 Sq. Km (305+125) in the last **seven (07)** years, reckoning the period from the original bid closing date of the tender.

b. OIL will not consider the same conversion rate for technical evaluation in case bidder has experience of only 2D land Seismic Surveys using explosive as source.

(ii) Bidder must have state-of-the-art processing centre to carry out detailed seismic data processing works. The bidder must have experience in seismic data processing and completed Processing of both 2D & 3D land Seismic data having minimum cumulative total of 250 GLKM and 305 SQ.KM respectively including Pre-stack Time Migration (Pre-STM) in last seven (7) years, reckoning the period from the original bid closing date of the tender. Bidders must submit documentary evidence in support of their experiences as under:

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

OR

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

OR

Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.

Notes: a. For technical evaluation, pertaining to clause no. 1.0 (ii) above, processing of One (1) SQ. KM of 3D seismic data will be considered equivalent to processing of Two (2) LKM of 2D seismic data. In the instant case if a bidder has processing experience of only 3D land Seismic Surveys, then minimum cumulative processing experience requirement is 430 Sq. Km (305+125) in the last **seven (07)** years, reckoning the period from the original bid closing date of the tender.

b. OIL will not consider the same conversion rate for technical evaluation in case bidder has processing experience of only 2D land Seismic Surveys.

(iii) **Foreign Bidders:** Overseas Bidders must have successfully carried out both 2D & 3D land Seismic Surveys using explosive as source, with a minimum cumulative total of 125 GLKM and 150 SQ.KM respectively in minimum two countries other than the country of origin in last seven (7) years, reckoning the period from the original bid closing date of the tender, provided they meet the experience criteria mentioned in sub-clauses (i) and (ii) above.

OR

Overseas bidders should have successfully completed both 2D & 3D land Seismic Surveys using explosive as source, with a minimum cumulative total of 125 GLKM and 150 SQ.KM respectively in India, in last seven (7) years, reckoning the period from the original bid closing date of the tender, provided they meet the experience criteria mentioned in sub-clauses (i) and (ii) above.

Bidders must submit documentary evidence in support of their experiences as under:

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

OR

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

OR

Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.

Notes: a. For technical evaluation, pertaining to clause no. 1.0 (iii) above, acquisition of One (1) SQ. KM of 3D seismic data will be considered equivalent to acquisition of Two (2) LKM of 2D seismic data. In the instant case if an overseas bidder has acquisition

experience of only 3D land Seismic Surveys, then minimum cumulative acquisition experience requirement is 212.5 Sq.Km (150+62.5) in two countries other than the country of origin or in a single survey block in India in the last **seven (07)** years, reckoning the period from the original bid closing date of the tender.

b. OIL will not consider the same conversion rate for technical evaluation in case overseas bidder has acquisition experience of only 2D land Seismic Surveys.

2.0 Indian Company/Indian Joint Venture Company as bidder: In case the bidder is an Indian Company/Indian Joint Venture Company, either the Indian Company/Indian Joint Venture Company or its Technical Collaborator/ Joint venture partner must meet the criteria under clause 1.0 above. {In case the Joint Venture Partner(s)/Collaborator(s) is/are of foreign origin, they are to meet the experience criteria set in clause 1.0 (iii) above in addition to others}.

- i. Details of experience and past performance of the bidder and the collaborator (in case of collaboration) or of joint venture partner (in case of a joint venture), on works/jobs done of similar nature in the past and details of current work in hand and other contractual commitments, indicating areas and clients are to be submitted along with the Technical Bid, in support of the experience criteria laid down above.
- ii. Indian Companies/Joint Venture Companies: Indian bidders whose proposal for technical collaboration/joint venture involves foreign equity participation or payment of royalty and / or lump sum for technical know-how and wherever Govt. approval is necessary, are required to submit copy of Govt. approval, on their application submitted to SIA, prior to the date of price bid opening. Bidder must submit along with their technical bid Memorandum of Understanding (MOU)/Agreement with their technical collaborator / Joint venture partner (in case of Joint venture) clearly indicating their roles & responsibilities under the scope of work.
- iii. MOU/Agreement concluded by the bidder with technical collaborator/joint venture partner (in case of Joint Venture), must also be addressed to the Company, clearly stating that the MOU Agreement is applicable to this tender and shall be binding on them for the entire contract period. Notwithstanding the MOU/Agreement, the responsibility of completion of job under this contract will be with the bidder.
- iv. The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarised. In case of involvement of overseas bidder, the MOU / Agreement should be notarised / endorsed by Indian Embassy.

2.1 In case the Bidder is a Consortium of Companies, the following requirements must be satisfied by the Bidder:

- A. The leader of the consortium can submit bid on behalf of consortium of bidders. Memorandum of Understanding (MOU) between the consortium members duly executed by the CEOs or authorized representative of the consortium members, should be addressed to Company, must accompany the bid which should clearly define role/scope

of work of each partner/member and should clearly define the leader of the consortium and also authorizing the leader for signing and submission of Bid on their behalf. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for discharging all obligations under the contract. However, the leader of the consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the 'Scope of Work' of this bid document. In case of award, such MOU shall be kept valid through the entire contract period, including extension, if any. The following provisions should also be incorporated in the MOU executed by the members of the consortium:

- (i) Only the leader of the consortium shall buy the bid document and submit bid on behalf of the consortium. The other members of the consortium shall ratify all the acts and decision of the Leader of the Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract.
- (ii) The bid security shall be in the name of the leader of the consortium on behalf of consortium with specific reference to consortium bid and name & address of consortium members. Similarly, the performance security shall be in the name of the leader on behalf of the consortium.
- (iii) The leader of the consortium on behalf of the consortium shall coordinate with OIL during the period the bid is under evaluation as well as during the execution of works in the event contract is awarded and he shall also be responsible for resolving dispute/misunderstanding/undefined activities, if any, amongst all the consortium members.
- (iv) Any correspondence exchanged with the leader of consortium shall be binding on all the consortium /joint venture members.
- (v) Payment shall be made by OIL only to the leader of the consortium towards fulfillment of the contract obligation.
- (vi) In case of consortium bids, the bid shall be digitally signed by the authorized representative of the leader of the consortium. The power of Attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the bid, if the same is not mentioned in the MOU submitted along with the bid.
- (vii) Document/details pertaining to qualification of the bidder of document attached with the bidding documents must be furnished by each partner/member of consortium complete in all respects along with the bid clearly bringing up their experience especially in the form of work in their scope.
- (viii) **Constitution of consortium:** If during the evaluation of bid, a consortium leader proposes any alterations/changes in the constitution or replacement or inclusion or

expulsion of any partner(s)/member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to knowledge at any time, the bid of such a consortium shall be liable for rejection.

- (ix) Signing of contract: In the event of award of contract to the consortium, the contract to be signed by the members of the consortium and the liability of each one of them shall be jointly and severely.
- (x) Members of the consortium are not allowed to quote separately/independently against this tender. All the bids received in such case will be summarily rejected. Further, all bids from parties with technical support from the same principal/Subsidiary/Co-Subsidiary/Sister subsidiary will be rejected.
- (xi) The consortium partners should satisfy the experience criteria as per Clause 1.0 above in their respective domain.
- (xii) Certified copies (attested by Director/Company Secretary) of Board resolutions passed by respective Board of Directors of the companies (Consortium leader and members) agreeing to entering into such consortium with each other for submission of bid for the NIT and authorising designated executives of each company to sign in the MOU to be provided along with the technical bid.
- (xiii) The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarised. In case of involvement of overseas bidder/consortium partner, the MOU / Agreement should be notarised / endorsed by Indian Embassy.

2.2 Eligibility criteria in case Bid is submitted on the basis of the Technical Experience of the Parent/Subsidiary Company: Offers of those bidders who themselves do not meet experience criteria as stipulated in clause 1.0 above can also be considered provided the bidder is a **100%** subsidiary company of the parent company which meets the above mentioned experience criteria or the parent company can also be considered on the strength of its **100%** subsidiary company. However, the parent/subsidiary company of the bidder should on its own meet the technical experience as aforesaid and should not rely on its sister subsidiary/co-subsubsidiary company or through any other arrangement like technical collaboration etc. In that case, as the subsidiary company is dependent upon the technical experience of the parent company or vice-versa, with a view to ensure commitment and involvement of the parent/subsidiary company for successful execution of the contract, the participating bidder must enclose an agreement, as per format furnished vide **Attachment-I**, between the parent and the subsidiary company or vice-versa and Parent/Subsidiary Guarantee, as per format furnished vide **Attachment-II**, from the parent/subsidiary company to OIL for fulfilling the obligations under the agreement, along with the technical bid.

2.3 Eligibility criteria in case Bid is submitted on the basis of the Technical Experience of Sister Subsidiary/Co-Subsidiary Company: Offers of those bidders who

themselves do not meet the technical experience criteria stipulated in 1.0 above can also be considered based on the experience of their Sister Subsidiary/Co-Subsidiary company within the ultimate parent/holding company subject to meeting the following conditions:

- (a) Provided that the sister subsidiary/co-subsidiary company and the bidding company are both 100% subsidiaries of an ultimate parent/holding company either directly or through intermediate 100% subsidiaries of the ultimate parent/holding company or through any other 100% subsidiary company within the ultimate parent/holding company. Documentary evidence to this effect to be submitted by the ultimate parent/holding company along with the technical bid.
- (b) Provided that the sister subsidiary/co-subsidiary company on its own meets the technical experience criteria laid down in clause 1.0 above and not through any other arrangement like technical collaboration etc.
- (c) Provided that with a view to ensure commitment and involvement of the ultimate parent/holding company for successful execution of the contract, the participating bidder must submit an agreement, as per format furnished vide **Attachment-III**, between them, their ultimate parent/holding company, along with the technical bid.

2.4 Any party who is extending support by way of entering into consortium/collaboration agreement or MOU with another party shall not be allowed to submit an independent Bid against this tender. Under such situation both the Bids shall be rejected. Further, all Bids from parties with technical collaboration support from the same principal against this tender shall be rejected.

2.5 Joint venture partnership / collaboration, with a firm bidding as an independent identity against this tender, will not be accepted.

3.0 The bids will be technically evaluated based on the requirements furnished in Part-3, Section-II (Scope of Work/Terms of Reference). Bids which do not conform to the minimum specifications of equipment, hardware and software furnished therein and do not include all the jobs/services mentioned in the tender document will be considered as incomplete and rejected.

4.0 The years of experience required for key personnel are specified in **Annexure-I** and bidder must give an undertaking to provide the key personnel as per the same. Bids shall be rejected if the key personnel offered do not meet the specified requirement.

4.1 Bidder must submit detailed Bio-data of all key personnel to be deployed for the whole period of the project, along with the technical bid. Bidder shall deploy the same persons whose Bio-data is offered in the bid for data acquisition and processing. They shall not be replaced or transferred without prior notification to the Company. Company's approval is essential in case they are desired to be replaced by the bidder with equally competent persons satisfying minimum experience criteria and Company's decision in this regard will be final.

5.0 **The vintage of equipment required are specified in Annexure-II.** Bidder has to submit the documentary evidence (in the form of copy of purchase order along with manufacturer's certificate clearly stating the year of manufacture) in support of the Vintage of the equipment which bidder proposes to deploy in the field for the execution of the contract. Bids shall be rejected if the equipment offered do not meet the specified requirement.

5.1 The bidder must be in possession of the equipment as mentioned in Annexure-II. In case bidder proposes to deploy brand new equipment, bidders need to submit along with un-priced bid, i.e. Technical bid, the original Memorandum of Understanding/Agreement of purchase of brand-new equipment, concluded with the OEM/Supplier, specifically for this tender, clearly mentioning that the equipment meets the specification as specified in tender. The above MOU/Agreement must be valid through validity of the bid. The OEM/Supplier should categorically confirm in the MoU, supply of equipment will be within scheduled mobilization period as already committed by the bidder in the bid document. Bidders who fail to submit these documents will not be considered for further evaluation and price bid opening. Bidder can submit maximum three (3) nos. of MOUs against the requirement of equipment, software as asked for in the tender. If bidder is qualified for bid, they need to deploy the same equipment as mentioned in their bid.

6.0 **Mobilization:** Company expect quick mobilization to commence the acquisition and processing work as specified under the present tender, preferably within 60 days. Successful bidder must apply for necessary clearances to the different agencies of Government of India & Govt. of Odisha pertaining to Camp Establishment, Explosive Magazine License, Radio Communication License, Mobilization of Equipment & Manpower, and Permission to work in Area immediately after issue of Letter of Award (LOA) by Company. In case, the last date of scheduled mobilization of 60 days falls within the non- operating period, the mobilization date would be extended up to end of monsoon break.

6.1 The mobilization is defined as the deployment of two seismic crews in respective areas with the required equipment fully tested, calibrated and put into operation along with personnel after completion of all required formalities ready for full and proper execution of the seismic survey at the designated site of each crew of the bidder. Mobilization shall be deemed to be completed when all equipment and personnel for both the seismic crews deployed in respective areas and necessary pre-acquisition experimental work by individual crew is conducted as specified in scope of work and **minimum production record of 10 LKM is taken by 2D crew and 10 Sq.KM by 3D crew and the same is accepted by the Company.** The time spent on the pre-acquisition experimental work is inclusive in the above mobilization period. However, time spent on acquisition of minimum production record of 10 LKM by 2D crew and 10 Sq. Km by 3D crew will not be part of mobilisation period and payment against the same will be made as per actual in line with Contractor's quoted rate for respective line item. Bidders must provide categorical confirmation of their capability and intent to meet this timing in their Technical Bid otherwise their Bid will be rejected.

Apart from the mobilisation of two (2) field crews as stipulated above, bidder has to also mobilize concurrently requisite hardware and software resources with competent personnel to be in ready condition for start of processing work at their processing centre within 60 days from date of issue of LOA. Company reserves the right for physical inspection of hardware and

software resources and personnel during the mobilization period at processing centre of the bidder.

Without prejudice to the Liquidated Damages clause of the Contract, Company may allow the Contractor to begin operations under the contract without waiting for the second crew to become ready, considering the importance & urgency of the requirements. However, under such situation, payment towards the following charges shall be withheld / retained by Company till all two crews start operating in the field under the contract.

- (i) Mobilisation Charge shall be retained in full.
- (ii) 10% of Operating Charges shall be retained.

7.0 The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarised. In case of involvement of overseas bidder(s)/ consortium partners, the MOU / Agreement should be notarised / endorsed by respective Indian Embassy.

II. FINANCIAL EVALUATION CRITERIA:

1.0 Annual Financial Turnover of the Bidder during any of preceding three financial/ accounting years from the original bid closing date should be at least **INR 68.44 Crores (or 9.55 million US\$)**.

2.0 "**Net Worth**" of the Bidder should be positive for the preceding financial/ accounting year.

3.0 Documentary evidence in the form of Audited Balance Sheet and Profit & Loss Account for the preceding 03 (three) financial / accounting years should be submitted along with the technical bid.

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 financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial/ accounting year excluding the preceding financial / accounting year will be considered. However, the Bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year (as the case may be) has actually not been audited so far'.

Notes:

(a) For proof of Annual Turnover & Net worth any one of the following documents 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 **APPENDIX- 1**.

OR

ii) Audited Balance Sheet along with Profit & Loss account. In case of foreign Bidders, self-attested/ digitally signed printed published accounts are also acceptable.

b) In case the Bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, Bidder to provide documentary evidence for the same.

3.1 In case the Audited Balance sheet and Profit Loss Account submitted along with the bid are in currencies other than INR or US\$, the Bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA Certificate is to be submitted by the Bidder regarding converted figures in equivalent INR or US\$.

4.0 In case the Bidders a Consortium, then any one of the Consortium members individually shall have to meet the financial turn-over criteria as per Para II 1.0 above. Other Consortium members individually shall have to meet the financial turn-over criteria of **INR 34.22 Crores (or 4.78 million US\$)**.

5.0 In case the Bidder is subsidiary company (should be 100% owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits its bid based on the strength of parent/ultimate parent/holding company, then following documents need to be submitted.

- i) Turnover of the parent/ultimate parent/holding company should be in line with Para II.1.0 above.
- ii) Net Worth of the parent/ultimate parent/holding company should be positive.
- iii) Corporate Guarantee (**as per Attachment -IV**) on parent/ultimate parent/holding company's company letter head signed by an authorised official undertaking that they would financially support their wholly owned subsidiary company for executing the project/job in case the same is awarded to them.
- iv) Document of subsidiary company being 100% owned subsidiary of the parent/ultimate parent/holding company.

III. COMMERCIAL EVALUATION CRITERIA:

The following vital commercial criteria should be strictly complied with failing which the bid will be rejected:

1.0 Bids shall be submitted under single stage two-bid system i.e. Technical Bid and Priced Bid separately. Bids shall be rejected outright if the prices are indicated in the technical bids or if not conforming to this two-bid system.

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

3.0 Bids with shorter validity i.e. less than **120 days** from the bid closing date shall be rejected as being non-responsive.

4.0 Bid Security in Original shall be furnished as a part of the Technical Bid and shall reach OIL's office at Kakinada (KG & BEP Project Office) before bid closing date & time. A scanned copy of the bid security shall however be uploaded in OIL's E-Procurement portal along with the Technical Bid. The amount of Bid Security shall be as specified in the Forwarding Letter of the Bid Document. Bid without proper & valid Bid Security shall be rejected.

5.0 The Integrity Pact must be uploaded in OIL's E-Procurement portal 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. If any Bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid shall be rejected straightway.

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

7.0 The bid documents are not transferable. Bids made by Bidders who have not been issued the bid documents from the Company shall be rejected.

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

9.0 Bids shall contain no interlineations, erasures or over writing except as necessary to correct errors made by Bidders, in which case such corrections shall be initialled by the person(s) signing the bid.

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

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

12.0 Bidders shall quote their price exclusive of GST. The GST amount on the taxable part of the goods/services provided by the Contractor shall be paid by the Company as per provisions of the GST Act.

13.0 Any Bid containing false statement shall be rejected.

14.0 Bidders must quote clearly and strictly in accordance with the price schedule outlined in "Price Bid Format" (Proforma – B) of Bid Document; otherwise the Bid will be summarily rejected. However, if no charge is involved for any of the work/item, '**NIL**' should be mentioned against such part of work. If any item in the Price Bid Format is left blank, then it will be construed that for that item bidder has quoted rate as "0". However, if a bidder indicates that they are not quoting for all the items then their offer will be rejected.

15.0 Bidders shall quote directly and not through their Agent/ Representative/Retainer/Associate in India. Bids submitted by Indian Agent/ Representative/Retainer/Associate on behalf of their foreign principals will not be considered

and will be rejected straightway. One Indian Agent/Representative/Retainer/Associate cannot represent more than one foreign principal.

16.0 Bidder must accept and comply with the following clauses as given in the Bid Document in Toto failing which bid will be rejected: –

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

17.0 The Bids and all uploaded documents must be digitally signed using Class 3 digital certificate [e-commerce application (Certificate with personal verification and Organization name)] as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India [except copies of the documents required in physical form] should invariably be submitted in the 'Technical Attachment Tab' through OIL's e-bidding portal, before the scheduled date and time for the tender closing. All the documents uploaded shall be digitally signed by the authorized signatory of the bidder. However, the following documents (in original) should necessarily be submitted in physical form, in a sealed envelope:

- (i) The original bid security and (ii) The power of attorney or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder.

17.1 The price bids, if any, submitted in physical form against e-procurement tenders shall not be given any cognizance.

18.0 Indian Bidders, whose proposal for technical collaboration / joint venture involves foreign equity participation or payment of royalty and/or lump sum for technical know-how and wherever Govt. approval is necessary, are required to submit copy of Govt. approval on their application along with the un-priced technical bid.

IV. GENERAL EVALUATION CRITERIAL:

1.0 The Statement of Compliance (enclosed **PROFORMA – D**) should be digitally signed and uploaded along with the Technical Bid (un-priced). In case Bidder takes exception to any clause of Tender 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 the Company. The loading so done by the Company will be final and binding on the Bidders.

2.0 To ascertain the substantial responsiveness of the Bid the Company 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 totality must be received on or before the deadline given by the Company, failing which the offer will be summarily rejected.

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

4.0 The Integrity Pact (Annexure-A) must be uploaded in OIL's E-Procurement portal along with the Technical Bid digitally signed by the same signatory who digitally signed the Bid i.e. who is duly authorized to sign the Bid.

5.0 The Company reserves the right to cancel/withdraw the tender or annul the bidding process at any time prior to award of contract, without thereby incurring any liability to the Bidders or any obligation to inform the Bidders of the grounds of Company's action.

6.0 If any clauses in the BEC contradict clauses elsewhere in the Bid Document, then the clauses in the BEC shall prevail.

7.0 Bid involving a party in any form whose name is appearing in the prevailing list of banned/blacklisted vendors of OIL INDIA LIMITED shall be rejected outright.

V. BID EVALUATION FOR QUALITY AND COST:

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Evaluation Criteria as above will be evaluated using **Quality and Cost Based Selection Criteria (QCBS)** method as given below for technical qualification:

1.0 Commercial Bids (price-bids) of only the technically qualified Bidders and have scored **minimum Qualifying marks** in **Quality and Cost Based Selection Criteria (QCBS)** method will be opened on a pre-determined date and the same will be evaluated taking in to account the following:

1.1 Contract will be awarded to the bidder scoring highest points evaluated using **QCBS** method.

1.2 The sum total cost of all components as per Price Bid Format (Proforma-B) quoted by the Bidder who has scored highest point using QCBS method will be considered as the estimated contract value for awarding the contract subject to Purchase/Price preference clauses mentioned in following paras.

2.0 Bid involving a party in any form whose name is appearing in the prevailing list of banned/blacklisted vendors of OIL INDIA LIMITED shall be rejected outright.

3.0 It is, however, to be clearly understood that the assumptions made in respect of the quantity of various items in the Price Bid Format (**PROFORMA-B**) are only for the purpose of evaluation of the bids. The Contractor will be paid on the basis of actual quantum of jobs carried out during job execution. However, execution of jobs in excess of the quantity mentioned herein requires Company's prior approval.

4.0 Arithmetical errors, if any, in the price bids will be rectified on the following basis.

"If there is a discrepancy between the Unit Rate and Total Amount (that is obtained by multiplying Unit Rate with Quantity), the unit rate shall prevail and the total amount shall be corrected accordingly. Similarly, if there is a discrepancy between words and figures, the amount quoted in words will prevail. If there is discrepancy between the percentage terms and calculated amount, the amount will be rectified by recalculating the amount as per the percentage terms. Any bidder who does not accept the said correction procedure, their bid will be rejected."

5.0 For evaluation of the bids, B.C. Selling market rate of State Bank of India, CAG Branch, Kolkata, prevailing one day prior to the price bid opening or the latest rate available as on one day prior to the price bid opening will be considered. Where the time lag between the price bid opening and final decision exceeds three months, the rate of exchange prevailed on the date prior to the date of final decision will be adopted for Conversion into single currency.

6.0 **Goods & Service Tax:** The bidder is to quote the rates/prices inclusive of all statutory liabilities, except the Goods & Service Tax (GST). GST as applicable shall be extra to OIL's account limiting to the rate quoted by the bidder until any statutory change takes place. However, the liability of payment of GST in case of Indian Bidder will rest on the Contractor while in case of foreign bidder not having any office in India; it will be Company's liability to pay the applicable amount of GST to the Competent Authorities.

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

7.1 The bidder while quoting would need to consider the duty drawback as per notification No. 23/2008 dated 01.03.2008 available to them upon re-export of the equipment, if any. The bidder should also note that input tax credit would also be available to them on the IGST paid by them excluding duty drawback and this aspect should also be considered by them while quoting their rates.

7.2 Bidders are to declare the detailed information regarding the equipment, consumables etc. required to be imported in to India in connection with these operations in Proforma-A (enclosed) for providing recommendatory letter to DGH for issuance of Essentiality Certificate to import goods at concessional customs duty.

THIS TENDER WILL BE EVALUATED ON THE BASIS OF QUALITY AND COST BASED SELECTION (QCBS) CRITERIA.

THE QCBS CRITERIA IS GIVEN BELOW:

1.1 EVALUATION OF BIDS FOR QUALITY

- i. Bids qualifying as per **Technical Evaluation Criteria (I above)** and **Financial Evaluation Criteria (II above)** shall be eligible for this evaluation.
- ii. 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 50** and the weightage for the **Quoted price is 50**
- iii. The marks allocated against various subsections under **Quality** of Bid shall be as hereafter.

1.1.1 Broad classification

Sl.	Quality Criteria	Marks
1	Bidder's experience	40
2	Annual Turnover	10
	Total=	50

1.1.2 Sub breakup of marks shall be as under:

Sl.	Quality Criteria	Marks
(1)	Experience of the Bidder	40 (Max)
(a)	Experience of successful completion of both 2D and 3D onshore seismic survey acquisition with explosive as source in the last seven (07) years preceding the date of Original Bid Closing.	10Max)
i)	Cumulative total of 250 LKM to 315 LKM of onshore 2D Seismic Survey AND 305 SQKM to 410 SQKM of onshore 3D Seismic Survey.	6
ii)	Cumulative total of greater than 315 LKM and less than or equal to 375 LKM of onshore 2D Seismic Survey AND greater than 410 SQKM and less than or equal to 490 SQKM of onshore 3D Seismic Survey.	8
iii)	Cumulative total of more than 375 LKM of onshore 2D Seismic Survey AND more than 490 SQKM of onshore 3D Seismic Survey.	10

OR		
(a)	In case Bidder has only 3D onshore seismic survey acquisition experience with explosive as a source: Experience of successful completion of only 3D onshore seismic survey acquisition with explosive as source in the last seven (07) years preceding the date of Original Bid Closing.	10Max)
i)	Cumulative total of 430 SQKM to 540 SQKM of onshore 3D Seismic Survey.	6
ii)	Cumulative total of greater than 540 SQKM and less than or equal to 645 SQKM of onshore 3D Seismic Survey.	8
iii)	Cumulative total of more than 645 SQKM of onshore 3D Seismic Survey.	10
(b)	Experience of successful completion of both 2D and 3D onshore seismic data processing including Pre-Stack Time Migration (Pre-STM) in the last seven (07) years preceding the date of Original Bid Closing.	10(Max)
i)	Cumulative total of 250 LKM to 315 LKM of onshore 2D Seismic data processing AND 305 SQKM to 410 SQKM of onshore 3D Seismic data processing.	6
ii)	Cumulative total of greater than 315 LKM and less than or equal to 375 LKM of onshore 2D Seismic data processing AND greater than 410 SQKM and less than or equal to 490 SQKM of onshore 3D Seismic data processing.	8
ii)	Cumulative total of more than 375 LKM of onshore 2D Seismic data processing AND more than 490 SQKM of onshore 3D Seismic data processing.	10
OR		
(b)	In case Bidder has only 3D onshore seismic data processing experience: Experience of successful completion of only 3D onshore seismic data processing including Pre-Stack Time Migration (Pre-STM) in the last seven (07) years preceding the date of Original Bid Closing.	10Max)

i)	Cumulative total of 430 SQKM to 540 SQKM of onshore 3D Seismic data processing.	6	
ii)	Cumulative total of greater than 540 SQKM and less than or equal to 645 SQKM of onshore 3D Seismic data processing.	8	
iii)	Cumulative total of more than 645 SQKM of onshore 3D Seismic data processing.	10	
(c)	Foreign / Indian Bidders: Experience of successful seismic data acquisition in minimum two countries other than the country of origin in the last Seven (07) years as preceding the date of Original Bid Closing.	10 (Max)	
i)	Cumulative total of 125 LKM to 160 LKM of onshore 2D Seismic survey AND 150 SQKM to 190 SQKM of onshore 3D seismic survey OR Cumulative total of 212.5 SQKM to 265 SQKM of onshore 3D Seismic survey (in case bidder has only 3D onshore seismic data acquisition experience)	6	
	Cumulative total of 160 LKM to 190 LKM of onshore 2D Seismic survey AND 190 SQKM to 225 SQKM of onshore 3D seismic survey OR Cumulative total of 265 SQKM to 320 SQKM of onshore 3D Seismic survey (in case bidder has only 3D onshore seismic data acquisition experience)	8	
ii)	Cumulative total of More than 190 LKM of onshore 2D Seismic survey AND more than 225 SQKM of onshore 3D seismic survey OR Cumulative total of more than 320 SQKM of onshore 3D Seismic survey (in case bidder has only 3D onshore seismic data acquisition experience)	10	

OR		
	Bidder (s) experience of successful completion of Seismic Data Acquisition in India in the last Seven (07) years as preceding the date of Original Bid Closing.	10 (Max)
i)	<p>Cumulative total of 125 LKM to 160 LKM of onshore 2D Seismic survey AND 150 SQKM to 190 SQKM of onshore 3D seismic survey</p> <p style="text-align: center;">OR</p> <p>Cumulative total of 212.5 SQKM to 265 SQKM of onshore 3D Seismic survey</p> <p>(in case bidder has only 3D onshore seismic data acquisition experience)</p>	6
ii)	<p>Cumulative total of 160 LKM to 190 LKM of onshore 2D Seismic survey AND 190 SQKM to 225 SQKM of onshore 3D seismic survey</p> <p style="text-align: center;">OR</p> <p>Cumulative total of 265 SQKM to 320 SQKM of onshore 3D Seismic survey</p> <p>(in case bidder has only 3D onshore seismic data acquisition experience)</p>	8
ii)	<p>Cumulative total of More than 190 LKM of onshore 2D Seismic survey AND more than 225 SQKM of onshore 3D seismic survey</p> <p style="text-align: center;">OR</p> <p>Cumulative total of more than 320 SQKM of onshore 3D Seismic survey</p> <p>(in case bidder has only 3D onshore seismic data acquisition experience)</p>	10
(d)	Experience of the Bidder's: Strength of the Bidder, i.e. the offer submitted on its own strength or through Joint venture partner (s) / Collaborator(s) / Consortium of companies.	10 (Max)

i)	Offer submitted by bidder through more than one Joint venture partner (s) / Collaborator (s) / Consortium of companies	6	
i))	Offer submitted by bidder through one Joint venture partner / Collaborator / Consortium of companies.	8	
ii)	Offer submitted by single bidder i.e. on its own strength only	10	
(2)	Annual Turnover of the bidder		10(Max)
(a)	Annual Turnover in any of the preceding 3 (Three) financial/accounting years	10(Max)	
(i)	Annual Turnover greater than or equal to ₹ 68.44 crore (9.55 million US\$) to ₹ 85.55 crore (11.94 million US\$)	6	
(ii)	Annual Turnover greater than ₹ 85.55 crore (11.94 million US\$) to ₹ 102.66 crore (14.33 million US\$)	8	
(iii)	Annual Turnover greater than ₹ 102.66 crore (14.33 million US\$)	10	

Note:

- I. It shall be the bidder's responsibility to ensure submission of unambiguous /clear and sufficient documentary evidence in support of the evaluation criteria.
- II. OIL reserves the right to verify any or all data/document/information provided by the bidder. False statement by Bidder will make it liable for appropriate action.
- III. **The Minimum Qualifying Marks a bid shall have to meet in Quality Criteria is 30 Marks (Out of 50 marks). Bidders not scoring the minimum qualifying marks in Quality Criteria shall be rejected.**

1.2 EVALUATED BID PRICE:

Qualified Bids (subjected to Bid evaluation/rejection Criteria and meeting the minimum Qualifying Marks of 30 in Quality Criteria) and conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive and shall be considered for further evaluation as per the Evaluation Criteria given below:

- 1.0 The Bidders must quote their charges/ rates in the manner as called for vide "Schedule of Rates" under Part-3, Section-IV and the summarized Price Bid Format vide enclosed Proforma-B.
- 2.0 **Commercial Bids shall be evaluated taking into account the Price quoted as per Proforma-B including quoted GST.**
- 3.0 Quoted price must include all liabilities and taxes including statutory liabilities but excluding GST which shall be quoted separately in the Price Bid format.
- 4.0 The lump sum Mobilization Charges quoted by the Bidders must not exceed **5% (five percent)** of the total quoted Contract value. **However, mobilization charges if quoted in excess of 5 % of the contract value, the excess amount shall be paid at the end of the contract.**
- 5.0 De-Mobilization charges should not be less than 5% of the total quoted contract value. **If De-mobilization is quoted in deficit or less than 5% of the quoted contract value, then the offer will be rejected.**
- 6.0 Evaluation of the responsive bids will be made subject to loading for any deviation. Commercial Bids shall be evaluated taking into account the rates quoted in the PRICE BID FORMAT as per Proforma – B.

TOTAL ESTIMATED CONTRACT VALUE/EVALUATED BID PRICE (V) = (P) + (U)

Where, (P) = TOTAL COST OF 2D and 3D SEISMIC DATA ACQUISITION INCLUDING GST
(U) = TOTAL COST OF 2D and 3D SEISMIC DATA PROCESSING INCLUDING GST

1.3 INTER-SE-RANKING OF THE QUALIFIED BIDS:

- A. 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 30 in Quality Evaluation Criteria, using the following formula in order to have a comprehensive assessment of the Bid price and the Quality of each bid:

$$B = (C_{\text{low}}/C) * 100 * X + (T/T_{\text{high}}) * 100 * (1 - X)$$

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

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

X = 0.5(The weightage for *Quality* is 50 and the weightage for the *Quoted price* is 50)

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

1.4 The bid with the highest Evaluated Bid Score (B) ** will be recommended for award of contract subject to the following:

(A) In the event of two or more bids having the same highest Evaluated Bid Score (B), the bid scoring the highest marks against Quality criteria will be recommended for award of contract.

(B)As per clause no. 1.5 [below] – Purchase Preference Clause, MSE bidder(s) quoting prices within a band of L1 [lowest quoted price] +15% are eligible for award subject to matching the L-1 price [lowest quoted price] or PP-LC bidder(s) quoting prices within a band of L1 [lowest quoted price] +10% are eligible for award subject to matching the L-1 (Non-PP-LC) bidder. For evaluation of such bidder(s) meeting/claiming for MSE or PP-LC price preference [subject to fulfilling the respective tender criteria], same commercial weightage will be given to those bidders as those of L-1 [lowest quoted price] for evaluation and arrived at the Evaluated Bid Score (B). In cases, where bidder(s) claiming MSE or PP-LC scores the highest Evaluated Bid Score (B), offer will be made to such bidder for matching the L-1 price [lowest quoted price] and on matching contract will be awarded. In case of non-matching original bidder scoring the highest Evaluated Bid Score (B) will be awarded.**

1.5 PURCHASE PREFERENCE CLAUSES:

1.5.1 Purchase Preference to Micro and Small Enterprises:

1.5.1.1 Purchase Preference to Micro and Small Enterprises registered with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME.

1.5.1.2 In case participating MSEs quote price within price band of L1+15%, such MSE shall be considered for award of contract by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE. [Subjected to **scoring the highest Evaluated Bid Score (B)**].

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

1.5.1.4 In case any part of the work is sub-contracted to a Micro or Small Enterprise as per contract conditions then the contractor shall provide complete details (i.e. name of the subcontractor, value of sub-contacted work, copy of valid registration certificate etc.) of the sub-contractor to OIL.

1.5.1.5 **DOCUMENTATION REQUIRED TO BE SUBMITTED BY MSEs:**

Copy of valid Registration Certificate, if bidder is a Micro or Small Enterprises (MSE) registered with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME. The Registration Certificate should clearly indicate the monetary limit, if any and the items for which bidder are registered with any of the aforesaid agencies. In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur should also be enclosed.

1.5.2 **Purchase preference Policy (linked with Local Content) (PP-LC)**

1.5.2.1 **Purchase preference policy-linked with Local Content (PP - LC) notified vide letter no. O-27011/44/2015-ONG-II/FP dated 25.04.2017 of MoP&NG and subsequent amendment(s), if any shall be applicable in this tender.**

1.5.2.2 Bidders seeking benefits, under Purchase Preference Policy (linked with Local Content) (PP-LC) shall have to comply with all the provisions specified at clause No.40.0 of ITB and shall have to submit all undertakings / documents applicable for this policy.

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

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

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

END OF PART – 2

PART 3
SECTION-I

GENERAL CONDITIONS OF CONTRACT

1.0 DEFINITIONS:

1.1 In the contract, the following terms shall be interpreted as indicated:

(a) "The Contract" means agreement entered into between Company and Contractor, as recorded in the contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein;

(b) "The Contract Price" means the price payable to Contractor under the contract for the full and proper performance of its contractual obligations;

(c) "Company" or "OIL" means Oil India Limited;

(d) "Contractor" means the Contractor performing the work under this Contract.

(e) "Contractor's Personnel" means the personnel to be provided by the Contractor to provide services as per the contract.

(f) "Company's Personnel" means the personnel to be provided by OIL or OIL's Contractor (other than the Contractor executing the Contract). The Company representatives of OIL are also included in the Company's personnel.

(g) "Contractor's items" means the equipment, materials and services, which are to be provided by Contractor or to be provided by Company at the expense of the Contractor, which are listed in Tender Document under Terms of Reference and Technical Specifications.

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

(i) "Company Representative" means the person or persons appointed and approved from time to time by the Company to act on its behalf for overall coordination and project management purpose.

(j) "The Work" means each and every activity required for the successful performance of the services described in Section II, the Terms of Reference.

(k) "Day" means a calendar day of twenty-four (24) consecutive hours beginning at 07:00 hrs. and ending at 07:00 hrs.

(l) "Party" means either the Company or Contractor as the context so permits and, as expressed in the plural, shall mean the Company and Contractor collectively.

(m) "Site" means the land and other places, on/under/ in or through which the works are to be executed by the Contractor and any other land and places provided by the Company for working space or any other purpose as designated hereinafter as forming part of the Site.

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

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

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

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

(r) "Operating Months" for seismic survey in this part of India generally means the period from October to June as monsoon break prevails from July to September.

(s) The Field seasons shall imply and be defined as the number of Operating months from October to June as monsoon break prevails generally from July to September in this part (Odisha State) of India.

2.0 EFFECTIVE DATE, MOBILISATION TIME/DE-MOBILIZATION TIME, DATE OF COMMENCEMENT OF THE CONTRACT AND DURATION OF CONTRACT:

2.1 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.

2.2 MOBILISATION/De-MOBILISATION TIME OF THE CONTRACT: Company expect quick mobilization of both the crews to be deployed concurrently to commence the work, within 60 days. Contractor must apply for necessary clearances to the different agencies of Government of India & Govt. of Odisha pertaining to Camp Establishment, Explosive Magazine License, Radio Communication License, Mobilization of Equipment & Manpower, and Permission to work in Area immediately after issue of Letter of Award (LOA) by Company. In case, the last date of scheduled mobilization of 60 days falls within the non- operating period, the mobilization date would be extended up to end of monsoon break. The mobilization is defined as the deployment of two seismic crews in respective areas with the required equipment fully tested, calibrated and put into operation along with personnel after completion of all required formalities ready for full and proper execution of the seismic survey at the designated site of each crew. Mobilization shall be deemed to be completed when all equipment and personnel for both the seismic crews deployed in respective areas and necessary pre-acquisition

experimental work by individual crew is conducted as specified in scope of work and **minimum production record of 10 LKM is taken by 2D crew and 10 Sq.KM by 3D crew and the same is accepted by the Company.** The time spent on the pre-acquisition experimental work is inclusive in the above mobilization period. However, time spent on acquisition of minimum production record of 10 LKM by 2D crew and 10 Sq. Km by 3D crew will not be part of mobilisation period and payment against the same will be made as per actual in line with Contractor's quoted rate for respective line item. Bidders must provide categorical confirmation of their capability and intent to meet this timing in their Technical Bid otherwise their Bid will be rejected. **In case, the last date of scheduled mobilisation of 60 days falls within the non-operating period (July-September) or in case of early advent of monsoon, Company reserves the right to extend the mobilisation date up to the end of monsoon break.**

Apart from the mobilisation of two (2) field crews as stipulated above, Contractor has to also mobilize concurrently requisite hardware and software resources with competent personnel to be in ready condition for start of processing work at their processing centre within 60 days from date of issue of LOA. Company reserves the right for physical inspection of hardware and software resources and personnel during the mobilization period at processing centre of the Contractor.

Without prejudice to the Liquidated Damages clause of the Contract, Company may allow the Contractor to begin operations under the contract without waiting for the second crew to become ready, considering the importance & urgency of the requirements. However, under such situation, payment towards the following charges shall be withheld / retained by Company till all two crews start operating in the field under the contract.

- (i) Mobilisation Charge shall be retained in full.
- (ii) 10% of Operating Charges shall be retained.

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

2.4 DURATION OF CONTRACT: The contract shall be valid for a period of Eighteenth (18) months (including monsoon break) from the Date of Commencement of the Contract.

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

3.1 Perform the work described in the Terms of Reference (Part-3, Section-II) in most economic and cost-effective way.

3.2 Except as otherwise provided in the Terms of Reference and the Special Conditions of the Contract, provide all labour as required to perform the work.

3.3 Perform all other obligations, work and services which are required by the terms of this contract or which reasonably can be implied from such terms as being necessary for the successful and timely completion of the work.

3.4 Contractor shall be deemed to have satisfied himself before submitting their bid as to the correctness and sufficiency of its bid for the services required and of the rates and prices quoted, which rates and prices shall, except insofar as otherwise provided, cover all its obligations under the contract.

3.5 Contractor shall give or provide all necessary supervision during the performance of the services and as long thereafter within the warranty period as Company may consider necessary for the proper fulfilling of contractor's obligations under the contract.

4.0 GENERAL OBLIGATIONS OF THE COMPANY: Company shall, in accordance with and subject to the terms and conditions of this contract:

4.1 Pay Contractor in accordance with terms and conditions of the contract. The period of time for which each rate shall be applicable shall be computed from and to the nearest an hour. The rates contained in the Contract shall be based on Contractor's operation being conducted on a seven (07) days week and a twenty-four (24) hours work day. Under the Contract, Contractor will be entitled to the applicable rate defined in PROFORMA –B. These rates are payable when the required condition has existed for a full 24 hours' period. If the required condition existed for less than 24 hours, then payments shall be made on pro-rata basis.

4.2 Allow Contractor access, subject to normal security and safety procedures, to all areas as required for orderly performance of the work.

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

5.0 PERSONNEL TO BE DEPLOYED BY CONTRACTOR:

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

5.2 The Contractor should ensure that their personnel observe applicable company and statutory safety requirement. Upon Company's written request, Contractor, entirely at his 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 ten (10) days from the date of issuance of notice without affecting the operation of the company.

5.3 The Contractor shall be solely responsible throughout the period of the contract for providing all requirements of their personnel including but not limited to, their transportation to & fro Odisha/field site, en-route/ local boarding, lodging & medical attention etc. Company shall have no responsibility or liability in this regard.

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

6.0 WARRANTY AND REMEDY OF DEFECTS:

6.1 Contractor warrants that it shall perform the work in a professional manner and in accordance with their highest degree of quality, efficiency, and with the state-of-the-art technology/inspection services and in conformity with all specifications, standards and

drawings set forth or referred to in the Technical Specifications. They should comply with the instructions and guidance; which Company may give to the Contractor from time to time.

6.2 Should Company discover at any time during the tenure of the Contract or till the Unit/equipment/tools are demobilised from site or base camp (if applicable) that the work does not conform to the foregoing warranty, Contractor shall after receipt of notice from Company, promptly perform any and all corrective work required to make the services conform to the Warranty. Such corrective Work shall be performed entirely at Contractor's own expenses. If such corrective Work is not performed within a reasonable time, the Company, at its option may have such remedial Work performed by others and charge the cost thereof to Contractor subject to a maximum of the contract value payable for the defective work which needs corrective action which the Contractor must pay promptly. In case Contractor fails to perform remedial work, or pay promptly in respect thereof, the performance security shall be forfeited.

7.0 CONFIDENTIALITY, USE OF CONTRACT DOCUMENTS AND INFORMATION:

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

(a) which is possessed by the Contractor, as evidenced by the Contractor's written records, before receipt thereof from the Company which however the Contractor shall immediately inform to Company; or

(b) which is required to be disclosed by the Contractor pursuant to an order of a court of competent jurisdiction or other governmental agency having the power to order such disclosure, provided the Contractor uses its best efforts to provide timely notice to Company of such order to permit Company an opportunity to contest such order subject to prior permission from Company.

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

7.3 Any document supplied to the Contractor in relation to the contract other than the Contract itself remain the property of Company and shall be returned (in all copies) to Company on completion of Contractor's performance under the Contract if so required by Company.

7.4 During this 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 shall have 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.

7.5 However, the above obligation shall not extend to information which:

i) is, at the time of disclosure, known to the public which Contractor shall immediately inform Company;

ii) is lawfully becomes at a later date known to the public through no fault of Contractor subject to Contractor's undertaking that no information has been divulged by them to the public;

iii) is lawfully possessed by Contractor before receipt thereof from Company which should be immediately informed to Company;

iv) is developed by Contractor independently of the information disclosed by Company which should be shared with the Company;

v) Contractor is required to produce before competent authorities or by court order subject to prior permission from Company;

8.0 TAXES:

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

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

8.3 The Contractor shall furnish to the Company, if and when called upon to do so, relevant statement of accounts or any other information pertaining to work done under the contract for submitting the same to the Tax authorities, on specific request from them in accordance with provisions under the law. Other than the information provided by the Contractor, the Contractor shall not be responsible for any inaccurate information provided by the Company to the Tax authorities and the Company shall indemnify the Contractor for all claims, expenses, costs or losses of any nature arising from such inaccuracy. Contractor shall be responsible for preparing and filing the return of income etc. within the prescribed time limit to the appropriate authority.

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

8.5 Corporate income tax will be deducted at source from the invoice at the specified rate of income tax as per the provisions of Indian Income Tax Act as may be in force from time to time

and Company will issue TDS Certificate to the Contractor as per the provisions of Income Tax Act.

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

8.7 All local taxes, levies and duties on purchases and sales made by Contractor (except basic customs duty) shall be borne by the Contractor.

8.8 **Goods and Services Tax (GST):** The quoted prices should be exclusive of GST and the GST as applicable shall be to the Company account. The GST amount on the taxable part of the services provided by the Contractor shall be paid by the Company as per provisions of the GST Act. Bidder should take note of the following while submitting their offer in GST regime.

GOODS AND SERVICES TAX:

G1. "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.

G2. The quoted price shall be deemed to be inclusive of all taxes and duties except "Goods and Services Tax" (hereinafter called GST) (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively and GST compensation Cess if applicable).

G3. Contractor/vendor shall be required to issue tax invoice in accordance with GST Act and/or Rules so that input credit can be availed by OIL (Oil India Limited)/Client. In the event that the contractor / vendor fails to provide the invoice in the form and manner prescribed under the GST Act read with GST Invoicing Rules there under, OIL / Client shall not be liable to make any payment on account of GST against such invoice.

G4. GST shall be paid against receipt of tax invoice and proof of payment of GST to government. In case of non-receipt of tax invoice or non-payment of GST by the contractor/vendor, OIL shall withhold the payment of GST.

G5. GST payable under reverse charge for specified services or goods under GST act or rules, if any, shall not be paid to the contractor/vendor but will be directly deposited to the government by OIL/Client.

G6. Where OIL/client has the obligation to discharge GST liability under reverse charge mechanism and OIL/client has paid or is /liable to pay GST to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to OIL/client or ITC with respect to such payments is not available to OIL/client for any reason which is not attributable to OIL/client, then OIL/client shall be entitled to deduct/

setoff / recover such amounts against any amounts paid or payable by OIL/Client to Contractor / Supplier.

G7. The Supplier shall always comply with the requirements of applicable laws and provide necessary documents as prescribed under the Rules & Regulations, as applicable from time to time. In particular, if any tax credit, refund or other benefit is denied or delayed to OIL / Project Owner due to any non-compliance / delayed compliance by the Supplier under the Goods & Service Tax Act (such as failure to upload the details of the sale on the GSTN portal, failure to pay GST to the Government) or due to non-furnishing or furnishing of incorrect or incomplete documents by the Supplier, the Supplier shall be liable to reimburse OIL / Project Owner for all such losses and other consequences including, but not limited to the tax loss, interest and penalty.

G8. Notwithstanding anything contained anywhere in the Agreement, in the event that the input tax credit of the GST charged by the Contractor / Vendor is denied by the tax authorities to OIL / Client for reasons attributable to Contractor / Vendor, OIL / client shall be entitled to recover such amount from the Contractor / Vendor by way of adjustment from the next invoice. In addition to the amount of GST, OIL / client shall also be entitled to recover interest at the rate prescribed under GST Act and penalty, in case any penalty is imposed by the tax authorities on OIL / Project Owner.

G9. TDS under GST, if applicable, shall be deducted from contractor's/vendor's bill at applicable rate and a certificate as per rules for tax so deducted shall be provided to the contractor/vendor.

G10. 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.

G11. The contractor will be liable to ensure to have registered with the respective tax authorities 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.

G12. In case the bidder is covered under Composition Scheme under GST laws, then bidder should quote the price inclusive of the GST (CGST & SGST/UTGST or IGST). Further, such bidder should mention "Cover under composition system" in column for GST (CGST & SGST/UTGST or IGST) of price schedule.

G13. OIL/client will prefer to deal with registered supplier of goods/ services under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet. However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid. Where OIL/client is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

G.14 In case of statutory variation in GST, other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods/Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision.

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.

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.

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.

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

G.15 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.

G.16 **Procurement of Specific Goods:** Earlier, there is no tax incidence in case of import of specified goods (i.e. the goods covered under List-34 of Customs Notification no. 12/2012-Cus dated. 17.03.2012 as amended). Customs duty is not payable as per the policy. However, under GST regime, IGST Plus GST compensation cess (if applicable) would be leviable on such imports.

G.17 In case of Foreign Bidders, where foreign bidder does not have permanent establishment in India, for supervision/training services by foreign supervisor at Project Site, Goods & Service Tax (GST) shall be paid by Owner to tax authorities.

G18. Documentation requirement for GST

The vendor will be under the obligation for invoicing correct tax rate of tax/duties as prescribed under the GST law to Owner/OIL, and pass on the benefits, if any, after availing input tax credit.

Any invoice issued shall contain the following particulars-

- a) Name, address and GSTIN of the supplier;
- b) Serial number of the invoice;
- c) Date of issue;
- d) Name, address and GSTIN or UIN, if registered of the recipient;
- e) Name and address of the recipient and the address of the delivery, along with the State and its code,
- f) HSN code of goods or Accounting Code of services;
- g) Description of goods or services;
- h) Quantity in case of goods and unit or Unique Quantity Code thereof;

- i) Total value of supply of goods or services or both;
- j) Taxable value of supply of goods or services or both taking into discount or abatement if any;
- k) Rate of tax (IGST, CGST, SGST/ UTGST, cess);
- l) Amount of tax charged in respect of taxable goods or services (IGST, CGST, SGST/ UTGST, cess);
- m) Place of supply along with the name of State, in case of supply in the course of inter-state trade or commerce;
- n) Address of the delivery where the same is different from the place of supply and
- o) Signature or digital signature of the supplier or his authorised representative.

GST invoice shall be prepared in triplicate, in case of supply of goods, in the following manner-

- a) The original copy being marked as ORIGINAL FOR RECIPIENT;
- b) The duplicate copy being marked as DUPLICATE FOR TRANSPORTER and
- c) The triplicate copy being marked as TRIPLICATE FOR SUPPLIER.

In case of any advance given against any supplies contract, the supplier of the goods shall issue Receipt Voucher containing the details of details of advance taken along with particulars as mentioned in clause no. G.18. (a), (b), (c), (d), (g), (k), (l), (m) & (o) above.

G19. GENERAL REMARKS ON TAXES & DUTIES:

In view of GST Implementation from 1st July 2017, all taxes and duties including Excise Duty, CST/VAT, Service tax, Entry Tax and other indirect taxes and duties have been submerged in GST. Accordingly, reference of Excise Duty, Service Tax, VAT, Sales Tax, Entry Tax, E1/E2 Forms, and any other form of indirect tax except of GST mentioned in this bidding document shall be ignored.

G.20 In case the GST rating of vendor on the GST portal / Govt. official website is negative / black listed, then the bids may be rejected by OIL. Further, in case rating of bidder is negative / black listed after award of work for supply of goods / services, then OIL shall not be obligated or liable to pay or reimburse GST to such vendor and shall also be entitled to deduct / recover such GST along with all penalties / interest, if any, incurred by OIL.

9.0 **INSURANCE:**

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

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

- a) Workmen compensation insurance as required by the laws of the country of origin of the employee.
- b) Employer's Liability Insurance as required by law in the country of origin of employee.
- c) General Public Liability Insurance or Comprehensive General Liability insurance covering liabilities including contractual liability for bodily injury, including death of persons, and

liabilities for damage of property. This insurance must cover all operations of Contractor required to fulfil the provisions under this contract.

d) Contractor's equipment used for execution of the work hereunder shall have an insurance cover with a suitable limit (as per international standards) or Contractor may self-insure its tools/ equipment.

e) Automobile Public Liability Insurance covering owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits as governed by Indian Insurance regulations.

f) Public Liability Insurance as required under Public Liability Insurance Act 1991.

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

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

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

9.6 Contractor shall require all of his sub-contractors 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.

9.7 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.

9.8 Contractor shall obtain additional insurance or revise the limits of existing insurance as per Company's request in which case additional cost shall be to Contractor's account.

10.0 CHANGES:

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

10.2 If any change result in an increase in compensation due to Contractor or in a credit due to Company, Contractor shall submit to Company an estimate of the amount of such compensation or credit in a form prescribed by Company. Such estimates shall be based on the rates shown in the Schedule of Rates (Part-3, Section IV) read with Proforma-B. Upon review of Contractor's estimate, Contractor shall establish and set forth in the Change Order the amount of the compensation or credit for the change or a basis for determining a reasonable compensation or credit for the change. If Contractor disagrees with compensation or credit set forth in the Change Order, Contractor shall nevertheless perform the work as

changed, and the parties will resolve the dispute in accordance with Clause 13 hereunder. Contractor's performance of the work as changed will not prejudice Contractor's request for additional compensation for work performed under the Change Order.

11.0 FORCE MAJEURE:

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

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

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

12.0 TERMINATION:

12.1 **TERMINATION ON EXPIRY OF THE TERMS (DURATION):** This contract shall be deemed to have been automatically terminated on the expiry of duration of the contract, thereof.

12.2 **TERMINATION ON ACCOUNT OF FORCE MAJEURE:** Either party shall have the right to terminate this Contract on account of Force Majeure as set forth in Article 11.0 above.

12.3 **TERMINATION ON ACCOUNT OF INSOLVENCY:** In the event that the Contractor or its collaborator at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt, then the Company shall, by a notice in writing have the right to terminate the Contract and all the Contractor's rights and privileges hereunder, shall stand terminated forthwith.

12.4 **TERMINATION FOR UNSATISFACTORY PERFORMANCE:** If the Company considers that, the performance of the Contractor is unsatisfactory, or not up to the expected standard, the Company shall notify the Contractor in writing and specify in details the cause of the dissatisfaction. The Company shall have the option to terminate the Contract by giving 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.

12.5 TERMINATION DUE TO CHANGE OF OWNERSHIP & 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 consent, the Company may at its absolute discretion, terminate this Contract.

12.6 TERMINATION DUE TO NON-AVAILABILITY OF EQUIPMENT/PERSONNEL: 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 without any further right or obligation on the part of the Company, except for the payment of money then due. No notice shall be served by the Company under the condition stated above.

12.7 Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the company on giving 15 (fifteen) days written notice to the Contractor due to any other reason not covered under the above clause from 12.1 to 12.6 and in the event of such termination the Company shall not be liable to pay any cost or damage to the Contractor except for payment of services as per the Contract up to the date of termination including the Demob cost, if any.

12.8 CONSEQUENCES 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.

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

12.10 In the event of termination of contract, Company will issue Notice of termination of the contract with date or event after which the contract will be terminated. The contract shall then stand terminated and the Contractor shall demobilize their personnel & materials.

12.11 Demobilisation Charges in the event of termination under clause 12.3, 12.4, 12.5 and 12.6 will not be payable.

13.0 SETTLEMENT OF DISPUTES AND ARBITRATION:

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

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

1. A party wishing to commence arbitration proceeding shall invoke Arbitration Clause by giving 30 days' notice to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of

invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.

2. The number of arbitrators and the appointing authority will be as under:

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

3. The parties agree that they shall appoint only those persons as arbitrators who accept the conditions of the arbitration clause. No person shall be appointed as Arbitrator or Presiding Arbitrator who does not accept the conditions of the arbitration clause.

4. Parties agree that there will be no objection if the Arbitrator appointed holds equity shares of OIL and/or is a retired officer of OIL/any PSU. However, neither party shall appoint its serving employees as arbitrator.

5. If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall proceed de novo.

6. Parties agree that neither shall be entitled for any pre-reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.

7. The arbitral tribunal shall make and publish the award within time stipulated as under:

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

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

8. If after commencement of the arbitration proceedings, the parties agree to settle the dispute mutually or refer the dispute to conciliation, the arbitrators shall put the proceedings in abeyance until such period as requested by the parties.

9. Each party shall be responsible to make arrangements for the travel and stay etc. of the arbitrator pointed by it. Claimant shall also be responsible for making arrangements for

travel/stay arrangements of the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties.

In case of sole arbitrator, OIL shall make all necessary arrangements for his travel, stay and the expenses incurred shall be shared equally by the parties.

10. The Arbitration shall be held at the place from where the contract has been awarded. However, parties to the contract can agree for a different place for the convenience of all concerned.

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

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

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

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018.

The venue of all arbitrations under both 13.1 & 13.2 will be Bhubaneswar, Odisha. The award made in pursuance thereof shall be binding on the parties.

14.0 NOTICES:

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

Company

Oil India Limited
Door No: 11-4-7(3rd Floor)
Nookalamma Temple Street
Ramaraopeta
Kakinada-533004

Contractor

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

15.0 SUBCONTRACTING/ASSIGNMENT:

15.1 Contractor shall not subcontract, transfer or assign the contract, in full or any part under this contract, to any third party(s). Except for the main services under this contract, Contractor may sub-contract the petty support services subject to Company's prior approval.

However, Contractor shall be fully responsible for complete execution and performance of the services under the Contract.

16.0 MISCELLANEOUS PROVISIONS:

16.1 Contractor shall give notices and pay all fees at their own cost required to be given or paid by any National or State Statute, Ordinance, or other Law or any regulation, or bye-law of any local or other duly constituted authority as may be in force from time to time in India, in relation to the performance of the services and by the rules & regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the services.

16.2 Contractor shall conform in all respects with the provisions of any Statute, Ordinance of Law as aforesaid and the regulations or bye-law of any local or other duly constituted authority which may be applicable to the services and with such rules and regulation public bodies and Companies as aforesaid and shall keep Company indemnified against all penalties and liability of every kind for breach of any such Statute, Ordinance or Law, regulation or bye-law.

16.3 During the tenure of the Contract, Contractor shall keep the site where the services are being performed reasonably free from all unnecessary obstruction and shall store or dispose 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.

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

17.0 LIQUIDATED DAMAGES AND PENALTY:

17.1 **LD for Default in timely commencement:** Time is the essence of the Contract. In the event of default on the part of Contractor in timely mobilizing its resources and field personnel for two individual crews and processing resources concurrently at their respective site of deployment / processing centre to commence both the acquisition and processing work within the stipulated period from the date of issue of LOA, the Contractor shall be liable to pay liquidated damages (LD). In the event of the Contractor's default in timely mobilization as defined in Clause No. 2.2 above for commencement of seismic survey within the stipulated period, the Contractor shall be liable to pay liquidated damages @ 0.5% (half percent) of the total value of the contract for delay per week or part thereof, subject to maximum of 7.5% (seven and half percent) of total contract value. Liquidated damages will be reckoned after 60 days from the date of notification of award of the Contract (LOA) issued by Company.

17.2 However, in any case the sum of total amount of Liquidated Damages, payable if any against this agreement under provision of Clause No. 17.1 above together, will not exceed 7.5 % of total evaluated agreement value. Liquidated Damages as set forth above is the genuine pre-estimate agreed by both the parties for the damages on account of delay in job execution

and the said amount shall be payable without proof of actual loss or damage caused by such delay/breach. Company shall without prejudice to any other right or remedy available to it, recover the amount so calculated from Contractor as agreed liquidated damages and not by way of penalty.

17.3 Penalty for Default in timely completion: Contractor shall put all-out effort to complete the entire work of 500 LKM of 2D & 610 Sq. Km. of 3D seismic data acquisition and processing work within 18 (eighteen) months (including monsoon break as applicable for acquisition) from the date of commencement of work. If the Contractor is unable to complete the schedule work of acquisition and processing within the stipulated time period, the Contractor may be allowed to work to complete the remaining acquisition & processing job in additional period, not exceeding three months, however, the payment of remaining volume of acquisition & processing job will be made at the rate of 90% of the actual quoted rate per individual line item as applicable for acquisition and processing respectively. No payment towards the stand-by charges and force majeure will be made during this extended period due to noncompletion of tendered volume of work within the stipulated time period.

17.4 In case the time delay in mobilization is made up by completing the job execution early by the Contractor, no liquidated damages shall be deducted. Similarly, if the mobilization is completed before scheduled period of mobilization but completion of job execution is delayed, LD shall be applicable only for the period exceeding the total period allowed for mobilization and job completion put together. Further, in case both Mobilization and job completion are delayed, Liquidated Damages (subject to maximum of 7.5% (seven and half percent) of total contract value) and penalty (10% of the actual quoted rate per individual line item as applicable) shall be applicable.

17.5 Liquidated Damages, if become payable as above, shall usually be recovered by Company from the final bill/invoice of Contractor under the contract and not from the running bill(s). However, if the amount in final bill is found to be not adequate, Company will recover the liquidated damages from the previous bill(s)/invoices.

17.6 The Company also reserves the right to cancel the Contract without any compensation whatsoever in case of failure by the successful bidder to submit PBG or commence/complete the assigned jobs under the contract within the stipulated period and also take other actions as may be considered appropriate.

17.7 The Contractor needs to complete the remaining job within a period of maximum three (3) months beyond scheduled project completion period i.e. eighteen (18) months (including monsoon break) from the date of successful completion of mobilization failing which the contract would be terminated, PBG invoked and the defaulting contractor would be dealt as per OIL's banning policy.

18.0 PERFORMANCE SECURITY: The Contractor shall furnish to Company a Bank Guarantee/LC for 10% of estimated Contract value valid till 3 (three) months beyond the Contract Expiry date towards Performance Security. The performance security shall be forfeited by Company, if Contractor fails to fulfil its obligations under the Contract or in respect of any amount due from the Contractor to the Company. In the event of any extension of the Contract period, Performance Security shall be extended by the period equivalent to the

extended period of the Contract. The Performance Security will be discharged by Company not later than 30 (thirty) days following its expiry.

19.0 ASSOCIATION OF COMPANY'S PERSONNEL: Company's engineer/chemist will be associated with the work throughout the operations. The Contractor shall execute the work with professional competence and in an efficient and workman like manner and provide Company with a standard of work customarily provided by reputed IP Survey contractors to major international oil companies in the petroleum industry.

20.0 LABOUR: The recruitment of the labour shall be met from the areas of operation and wages will be according to the rates prevalent at the time which can be obtained from the District Authorities of the area. The facilities to be given to the labourers should conform to the provisions of labour laws as per contract Labour (Regulation and Abolition) Act, 1970.

21.0 LIABILITY:

21.1 Except as otherwise expressly provided, 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. 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.

21.2 Neither Company nor its servants, agents, nominees, assignees, contractors, sub-contractors or its Affiliates or Coventurers 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-contractors 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/or 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.

21.3 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.

21.4 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.

21.5 Except as otherwise expressly provided, neither Contractor nor its servants, agents, nominees, contractors or sub-contractors shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss or damage to the property of the Company and/or their contractors or sub-contractors, irrespective of how such loss or damage is caused and even if caused by the negligence of Contractor and/or its servants, agents, nominees, assignees, contractors and sub-contractors. The Company shall protect, defend, indemnify and hold harmless Contractor from and against such loss or damage and any suit, claim or expense resulting there from.

21.6 Neither Contractor nor its servants, agents, nominees, assignees, contractors, sub-contractors shall have any liability or responsibility whatsoever to whomsoever for injury or illness, or death of any employee of the Company and/or of its contractors or sub-contractors irrespective of how such injury, illness or death is caused and even if caused by the negligence of Contractor and/or its servants, agents, nominees, assignees, contractors and sub-contractors. Company shall protect, defend indemnify and hold harmless Contractor from and against such liabilities and any suit, claim or expense resulting there from.

21.7 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.

21.8 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.

22.0 **LIMITATION OF LIABILITY:** Notwithstanding any other provisions herein to the contrary, except only in cases of wilful misconduct and / or criminal acts,

(a) Neither the Contractor nor the Company (OIL) shall be liable to the other, whether in Contract, tort, or otherwise, for any consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs.

(b) Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the Contractor in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 50% of the Annualized Contract Price, provided however that this limitation shall not apply to the cost of repairing or replacing defective equipment by the Contractor, or to any obligation of the Contractor to indemnify the Company with respect to Intellectual Property Rights.

(c) Company shall indemnify and keep indemnified Contractor harmless from and against any and all claims, costs, losses and liabilities in excess of the aggregate liability amount in terms of clause (b) above.

23.0 INDEMNITY AGREEMENT:

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

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

24.0 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.

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

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

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

25.0 ENTIRE CONTRACT: This Contract contains the entire agreement between the Parties and supersedes any previous understandings, commitments, agreements or representations whatsoever, oral or written, pertaining to the subject matter hereof, provided that nothing in this Clause (Entire Contract) shall have effect to exclude or restrict the liability of either Party for fraud or fraudulent misrepresentation.

26.0 RECORDS, REPORTS AND INSPECTION: The Contractor shall, at all times, permit the Company and its authorised 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 IP survey section with major items consumed, which shall be open at all reasonable times for inspection by the Company designated representatives and its authorised employees and representatives. The Contractor shall provide the Company designated representatives with a daily written report, on form prescribed by the Company showing details of operations during the preceding 24 hours and any other information related to the said IP survey 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 survey, or give out to any third person information in connection therewith.

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

28.0 ROYALTY AND 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 or drawings forming part thereof.

29.0 CUSTOMS DUTY:

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

29.2 Contractor should provide the list of items to be imported by them under the Contract in the format specified in Proforma-A along with their bid for issuance of Recommendatory Letter to DGH. Contractor shall make written request to Company immediately after shipment of the goods indicated by them in Proforma-A, along with the Invoices and all shipping documents (with clear 15 working days' notice) requesting Company for issuance of the Recommendatory Letter. OIL shall issue the Recommendatory Letter provided all the documents submitted by the Contractor are found in order as per contract. It shall be however, Contractor's responsibility to obtain EC from DGH and clear the goods through customs. OIL shall not be liable in whatsoever manner for the rejection of their claims for concessional customs duty by any of the authorities including DGH arising solely as a result of any default on the part of the Contractor.

29.3 All imports and import clearances under the Contract shall be done by the Contractor and OIL shall not provide any assistance in this regard.

29.4 However, in the event customs duty becomes leviable during the course of Contract arising out of a change in the policy of the Government, Company shall be liable for payment of the customs duties leviable in India on Contractor's items as provided in Proforma-A or the actuals whichever is less (for the first time import) and at actuals (for subsequent imports), provided Contractor furnishes all necessary documents indicating the estimated customs duty at least 10 days in advance. Such payment of Customs Duty shall be arranged by Company and made available to the representatives of Contractor within 3 working days after Contractor submits the undisputed and clear necessary documents/duty assessment papers at Company's office at Kakinada. Contractor would be responsible for passing such payment to customs authorities at the port of entry. Company's obligation for Customs Duty payment shall be limited/restricted to the tariff rates as assessed by the Customs on the day of clearance, or as on the last day of the stipulated mobilisation period. In case of clearance thereafter, on the CIF value of items in Proforma-A will be frozen and any increase in Customs Duty on account of increase in value on these will be to the Contractor's account. Furthermore, in case the above CIF value is not acceptable to assessing Customs Officer and as a result if any excess Customs Duty becomes payable, it shall be to Contractor's account. Before filing Bill of lading, Bill of entry, the Contractor must consult the Company to avoid payment of excess Customs Duty.

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

29.4.2 Notwithstanding what is stated above, the bidders should also consider the position in regard to import of goods as specified in list No. 33 of above notification against concessional rate of 5% Customs Duty. OIL is not liable in whatsoever manner, for the rejection of their claims for concessional rate of 5% Customs Duty by any of the authorities including the DGH.

29.4.3 The bidder while quoting would need to consider the duty drawback as per notification No. 23/2008 dated 01.03.2008 available to them upon re-export of the equipment, if any. The bidder should also note that input tax credit would also be available to them on the IGST paid by them excluding duty drawback and this aspect should also be considered by them while quoting their rates.

29.4.4 Similarly, such specified goods required for petroleum operations if procured from domestic sources would attract 5% concessional GST (IGST or CGST & SGST/UTGST) as per notification no. 3/2017 dtd. 28.06.2017 against issuance of EC by DGH for which OIL shall issue the recommendatory letter.

Note: The recommendatory letter will be given only for those items which are either consumed during the execution of work or for those equipment/tools which are undertaken to be reexported by the bidder. The recommendatory letter will not be issued when the Contractor imports the equipment/tools on acquisition basis and does not undertake to re-export the same after the completion of the contract.

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

30.0 DEMOBILISATION & RE-EXPORT: The Contractor shall arrange for and execute demobilization of the Tools/Equipment/ Spare/ Accessories/Manpower etc. upon receipt of notice for demobilization from Company. Demobilization shall mean completion / termination of the contract and shall include equipment / tools / accessories, including the manpower and re-export of the equipment/tools/accessories (if re-exportable), unutilized spares and consumables at the cost of the contractor. Demobilization shall be completed by Contractor within 60 days of issue of demobilization notice by Company. Immediately after re-exporting the equipment/ tools/ accessories and the unused spares and consumables, Contractor shall submit the detail re-export documents to Company as documentary proof of re-exporting the equipment/ tools/ accessories and the unused spares and consumables. In case of failure to re-export any of the items as above within the allotted time period of 60 days except under circumstances relating to Force Majeure, Company reserves the right to withhold the estimated amount equivalent to the Customs Duty and/or penalty leviable by customs on such default in re-export from Contractor's final settlement of bills and Performance Security.

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

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

30.3 In the event all / part of the equipment etc. are transferred by Contractor after expiry/termination of the contract within the country to another operator for providing services, and/or sold to a third party, Contractor shall obtain all necessary Govt. of India clearances including the Customs formalities for transferring to another operator and/or sale of the Rig package, its accessories, equipment and the unused spares and consumables to a third party. Company will not be responsible for any non-compliance of these formalities by

Contractor. Payment of Customs Duty and penalties (if any) imposed by Govt. of India or Customs authorities for transferring the items in part or in full to an area where Nil Customs Duty is not applicable or sale of the items shall be borne by the Contractor and Contractor indemnifies Company from all such liabilities.

31.0 PAYMENTS, MANNER OF PAYMENT, RATES OF PAYMENT:

31.1 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.

31.2 **MANNER OF PAYMENT:** All payments due by Company to Contractor hereunder shall be made at Contractor's designated bank. Bank charges, if any will be on account of the Contractor.

31.3 Payment of any invoices shall not prejudice the right of Company to question the validity of any charges therein, provided Company within one year after the date of payment shall make and deliver to Contractor written notice of objection to any item or items the validity of which Company questions.

31.4 **INVOICES:** Mobilization charges will be invoiced only upon completion of mobilization as certified by company representative. Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by Company.

31.4.1 The Contractor shall furnish the following documents along with first invoice under the contract: (a) Copy of valid Registration Certificate under Service Tax Rule (if applicable). (b) Bank particulars as required for making payment through Electronics Mode. (c) Tax Invoice as per relevant Service Tax Rules clearly indicating Service Tax Registration Number (if applicable), Service Classification, Rate & Amount of Service Tax. (d) **Certificate of acceptance of Mobilisation issued by Company representative.** (e) Copy of PAN Card issued by Indian Income Tax Authority (if applicable). (f) copies of all insurance documents as stipulated in Contract.

31.5 Contractor shall send invoice to company on the day following the end of each month for all daily or monthly charges due to the contractor.

31.5.1 The Contractor shall furnish the following documents along with all subsequent periodical/monthly invoices under the contract. (a) Tax Invoice with proof of payment of Service Tax to appropriate authorities for the previous invoice (if applicable). (b) Details of statutory payments like EPF, ESI etc. (if applicable). (c) Undertaking by Contractor regarding compliance of all statutes. (d) Certificate by Contractor stating that the labours have been paid not less than minimum wages as applicable.

31.5.2 The Contractor shall raise monthly invoices for the following:

(a) Data acquired against 2D and 3D seismic survey which are completed in all aspects (i.e. including all necessary topographic survey data, observer report etc.) and that has been

handed over to the Company at Bhubaneswar during the month. If a line / swath is not completed in a single calendar month, in such case, LKM / Sq. Km. equivalent to Number of good/acceptable shots taken in the completed part of the seismic profile / swath or segment thereof will be considered for payment provided all the data along with ancillary information are handed over to Company.

(b) Processed & Interpreted LVL Survey data submitted during the month.

(c) Processed & Interpreted Up-Hole Survey data submitted during the month.

(d) Reference points fixed using DGPS during the month and submitted along with the processed data & report.

(e) Cost of the Explosive & Detonators actually consumed during the month duly supported by PESO return statement.

31.6 Contractor shall submit three (03) sets of all invoices duly super scribed 'Original' and 'Copy' as applicable to the Company for processing payment. Separate invoices for the charges payable under the contract shall be submitted by the Contractor for foreign currency and Indian currency.

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

31.8 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 31.3 above.

31.9 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.

31.10 Payment of final demobilization charges shall be made if applicable within 45 days on receipt of invoice by Company accompanied by the following documents from the Contractor:

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

In case, no demobilization charges are payable, the documents mentioned above will have to be submitted by the Contractor before release of the final payment by the Company. A certificate from Chartered Accountant on (a), (b) & (c) above will suffice

31.10.1 The demobilisation charges will only be paid after all the project deliverables including Acquisition and Processing outputs have been submitted to company and duly certified by company representative. The Contractor shall raise invoice for payment of one-time lump-sum Demobilization Charges, as applicable, upon clearance of all their resources from site and making the site free from all debris/encumbrances. The following documents must also be submitted along with the invoice for demobilization charges:

(a) Undertaking towards settlement of compensation for damage/loss to crop & property etc. in line with clause No. A.12.18/A.12.32 in Section-II, PART-3.

(b) Tax clearance certificate from Income Tax Department regarding clearance of dues toward Bidder's tax liabilities, its sub-contractor tax liabilities and towards tax liabilities of its expatriate persons or the other employees.

(c) Proof of completion of re-export formalities, if any, and any other documents as may be called for by Company in terms of Indian Laws

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

32.0 APPLICABLE LAW:

32.1 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 exclusive jurisdiction of Courts situated in Bhubaneswar, Odisha.

32.2 The Contractor shall ensure full compliance of various Indian Laws and Statutory Regulations, 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- as applicable to safety and employment conditions
- b) The Minimum Wages Act, 1948
- c) The Oil Mines Regulations, 1984 or latest version
- d) The Workmen's Compensation Act, 1923
- e) The Payment of Wages Act, 1963
- f) The Payment of Bonus Act, 1965
- g) The Contract Labour (Regulation & Abolition) Act, 1970 and the rules framed there under
- h) The Employees' Pension Scheme, 1995
- i) The Interstate Migrant Workmen Act., 1979 (Regulation of employment and conditions of service)
- j) The Employees Provident Fund and Miscellaneous Provisions Act, 1952
- k) GST / IGST / CGST / SGST / UTGST Act and amendments thereof.
- l) Customs & Excise Act & Rules

- m) Income Tax Act.
- n) Insurance Act.
- o) HSE Guidelines
- p) OISD guidelines & procedures
- q) DGMS Guidelines/Notifications
- r) The Environmental Protection Act, 1986
- s) All notifications released by MOEF from time to time
- t) Hazardous waste management and handling rules
- u) The water (prevention and control of pollution) Act, 1974
- v) The Air (prevention and control of pollution) Act, 1981

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

33.0 SUBSEQUENTLY ENACTED LAWS: Subsequent to the date of bid closing, if there is a change in or enactment of any law or change in application or enforcement or interpretation of existing law by any governmental authority or public body, which results in addition/reduction in cost to Contractor on account of the operation contemplated under the Contract, the Company/Contractor shall reimburse the Contractor/pay Company for such additional/reduced costs actually incurred/saved by Contractor, subject to the submission of documentary evidence by Contractor/Company.

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

35.0 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: -

- a) For non-completion of jobs assigned as per Section-II.
- b) Contractor's indebtedness arising out of execution of this Contract.
- c) Defective work not remedied by Contractor.
- d) Claims by sub-Contractor of Contractor or others filed or on the basis of reasonable evidence indicating probable filing of such claims against Contractor.
- e) Failure of Contractor to pay or provide for the payment of salaries/ wages, contributions, unemployment compensation, taxes or enforced savings with-held from wages etc.
- f) Failure of Contractor to pay the cost of removal of unnecessary debris, materials, tools, or machinery.
- g) Damage to another contractor of Company.
- h) All claims against Contractor for damages and injuries, and/or for non-payment of bills etc.
- i) 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 Company, 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.

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

- i) Order issued by a Court of Law in India.
- ii) Income-tax deductible at source according to law prevalent from time to time in the country.
- iii) Any obligation of Contractor which by any law prevalent from time to time to be discharged by Company in the event of Contractor's failure to adhere to such laws.
- iv) Any payment due from Contractor in respect of unauthorised imports.

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

Notwithstanding the foregoing, the right of Company to withhold shall be limited to damages, claims and failure on the part of Contractor, which is directly/indirectly related to some negligent act or omission on the part of Contractor.

36.0 WAIVER: Any delay in exercising and any omission to exercise any right, power or remedy exercisable by the Company under this contract shall not impair such right, power or remedy nor shall any waiver by the Company of any breach by the Contractor of any provision of this contract prevent the subsequent enforcement of that provision by the Company or be deemed a waiver by the Company of any subsequent breach by the Contractor.

37.0 INGRESS AND EGRESS AT LOCATION:

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

38.0 GENERAL HSE GUIDELINES:

38.1 For General guidelines with respect to Health, Safety and Environmental aspects **Appendix – A** to be referred.

39.0 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.

40.0 **SEVERABILITY:** Should any provision of this Contract 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 **INTEGRITY PACT:** The Integrity Pact duly signed by authorized representatives of OIL and Contractor forms part of the Contract.

END OF SECTION – I, PART – 3

PART – 3

SECTION – II

SCOPE OF WORK/TERMS OF REFERENCE/TECHNICAL SPECIFICATION

1.0 Introduction:

1.1 This Section establishes the scope and schedule for the work to be performed by the successful bidder and describes references to the specifications, instructions, standards and other documents including specifications for any materials, tools or equipment which the Contractor shall satisfy or adhere to in the performance of the Work.

Bidders are advised to have a thorough reconnaissance of the area, if required, to know the terrain and get themselves fully acquainted with details of surface topographic features, fair weather slot, weather conditions, working culture in the area, socio-political environment, security aspects and law of the land, prior to submitting their bids. This will also help them to judiciously select proper inputs for successful execution of the project. However, all such related expenses shall be to bidder's account.

2.0 Scope of Work:

2.1 This tender is sought pursuant to the work programme for OALP area, Odisha, India awarded by the Government of India. Oil India Limited (Company) as the operator intends to acquire 2D and 3D Seismic Data by deployment of two (2) field crews using explosive as source and process the same with state-of-the-art equipment, hardware and software. The work programme is for Acquisition and Processing (AP) of a total quantum of 2D seismic data of 500 LKM (in OALP-II block MN-ONHP-2018/2 with 60 Nominal Fold), 350 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/1 with 77 Full Fold coverage) and 260 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/2 with 77 Full Fold coverage).

2.2 The successful bidder shall deploy two (2) seismic crews, mobilize requisite technical resources along with experienced manpower & adopt terrain specific appropriate technology to meet the objective of the survey and complete the work strictly within the agreed time frame as stipulated in the contract. The Contractor shall ensure that seismic data acquisition work starts simultaneously by both the seismic crews planned to be deployed in the area of operations to meet the targets/time line of the Project. The Contractor shall use explosives, terrain specific shot hole drilling technology / methodology/rigs and project specific requisite technical resources along with experienced manpower to meet desired data quality in order to meet project objective.

2.3 Company expects the Contractor to meet the following requirements:

- (a) Acquisition of about 500 LKM of 2D and 610 Sq. Km. of 3D seismic data within the blocks (corner coordinates provided below) within the scheduled timeframe. However, during execution when any logistical obstacles viz. restrict permit areas, river catchment area, wild life sanctuary, and inaccessible areas falls in between the planned seismic profiles; OIL will allow data acquisition along deviation/offset on case to case basis with prior written approval without compromising the objective of the survey. Contractor has to carry out

reconnaissance of planned profiles for both 2D & 3D seismic work programme in the operational area and provide the plan of the proposed deviation/offset (if any) in advance to OIL's QC representative at site for approval. However, for the same deviations / offset, no extra time during execution shall be given to the contractor.

- (b) Meeting data quality as per international standards,
- (c) Deployment of 24-bit state of the art **Cable/Cable Less/Hybrid** Seismic Data Acquisition system **with compatible sensors (cables, geophones/nodes with external geophones/marshy geophones / hydrophones)**. OIL will QC the acquired Shot gathers (with all active channels) on daily basis post completion of each day recording operation.
- (d) Contractor's sufficient experience and expertise,
- (e) Contractor's financial strength,
- (f) Maintaining highest HSE as per International Standards in field operations, (Contractor shall submit their HSE policy along with the Technical Bid)
- (g) Environmental issues,
- (h) Time Frame,
- (i) Turn Key Contract,
- (j) The volume may vary up to **±20 %** of the proposed work quantum in same or similar areas,
- (k) Contractor shall **submit a detailed project execution plan** incorporating resource/skill involvement proposed to be used along with the technical bid. The schedule of activities showing the time frame for completion of the project has to be submitted in the form of a **Bar Chart**.

2.4 Company shall check the quality, monitor the progress and accept the data as per the set standards. The main objective of the survey is to acquire high quality 2D & 3D seismic data.

2.5 **Under this agreement, the Contractor is required to acquire about 500 LKM of 2D and 610 Sq. Km. of 3D seismic data in the area by deploying the latest state-of-art 24-bit Cable/Cable Less/Hybrid Seismic Data Acquisition system with compatible sensors (Cables, geophones/nodes with external geophones/marshy geophones / hydrophones), energy sources (Dynamite with suitable detonators etc.).** Since the area of operation have lot of river confluence area, streams etc. contractor shall deploy high sensitivity and low distortion marshy geophones (Natural frequency of 10 Hz) and hydrophones (as and where necessary), fully compatible with seismic data acquisition system deployed in the area. All the receivers must be compatible to 24-bit recording for high bandwidth signal.

2.6 Contractor shall be required to provide accurate model-validated source and receiver statics information, along each profile and regional map for entire area by carrying out regular Uphole/LVL surveys.

2.7 Company reserves the option to **increase/decrease** the quantum of work up to a maximum of **±20%** either in the areas mentioned above or in neighbouring areas of similar terrain conditions on mutually agreed rates which should not be higher than the original Contract rates, but on same terms & conditions and proportionate time **extension/reduction** thereof.

2.8 The Contractor shall acquire a total of 500 LKM of 2D and 610 Sq. Km. of 3D seismic data within the agreed time frame as stipulated in the contract. Two (2) seismic crews must be deployed in the area of operations at all times under this contract.

2.9 During the earlier campaigns in the nearby blocks, it was observed that, single shot-hole of 35-40 meter depth is the minimum requirement in the area. However, at places based on surface logistics and terrain condition requirement of pattern holes is envisaged. **In view of expected surface, near surface and subsurface complexity and presence of hard rock formations/river catchment areas at places may require terrain specific shot hole drilling technology/methodology/rigs as deemed fit by the contractor for shot hole drilling having capabilities to drill to the shot-hole depth in general up to 40 meters. However, the same may regionally vary over the block area and will be finalised after experimental survey and preparation of near surface model after interpretation of Uphole/LVL data acquired and processed in the block.**

2.10 OIL desires to complete Seismic data acquisition effectively utilising two field seasons (Field Season 2019-20 & 2020-21). The processing work will be taken up concurrent to acquisition activity and needs to be completed within three (3) months from last date of data acquisition. The contractor will be categorically responsible for smooth transition of acquired seismic data from acquisition crew to processing group during the project execution.

2.11 Generally, in the operational area the effective working window for seismic survey operation is from October to June (Operating Months).

2.12 Contractor shall deploy adequate and fit-for-purpose shot hole drilling technology as per the terrain requirement as and where necessary viz. Manual Dheki, Portable mechanized drilling rigs with air compressor drilling/ pneumatic drilling, mechanized water rotary drilling rigs, manual rigs and ancillary equipment etc. in sufficient numbers capable to meet the desired shot hole depth requirement and achieve the work programme as specified above both for 2D and 3D seismic survey within stipulated time frame of contract.

2.13 Contractor shall arrange for procurement, storage, transportation, security and all statutory clearances/ valid licenses pertaining to establishment of explosive magazine and field usage during the entire survey period. Contractor need to submit monthly Invoice along with PESO statement elucidating actual consumption of Explosive/Detonators in that particular month for as per actual reimbursement.

2.14 Planning and Quality Control of the seismic data acquisition is primarily the responsibility of the contractor. However, OIL's personnel shall be associated for monitoring and quality assurance through analysis of raw as well as processed data (QC processing) in field.

2.15 The contractor shall deploy necessary seismic data processing system with adequate and competent personnel in field/base office to monitor and ensure quality of seismic and topographic data and generate output through onsite processing (QC purpose). However, if any error related to acquisition, contractor shall take corrective measures before the submission of final data.

2.16 Contractor shall use state of the art processing facilities (software & hardware facilities) capable to meet the processing requirement up to Pre Stack Time Migration of 2D & 3D seismic data acquired under the project as per the tentative processing sequence specified in terms of resources and skilled manpower having adequate experience of 2D/3D Seismic data processing up to Pre Stack Time Migration.

2.17 The Contractor must have an established state-of-the-art Centre with latest industry standard data processing and interpretation software packages where the work will be executed within India or abroad.

2.18 The hardware and software component proposed to be deployed for seismic data processing should be state of the art commensurate to achieve deliverables up to Pre STM as specified in Scope of Work. Contractor must ensure that all hardware/software proposed for deployment to execute processing work need to be covered under Annual Maintenance Contract (AMC) from respective OEM (in case of third party) during the project period.

2.19 Contractor shall obtain permissions from Government authorities, Custom clearance, licenses for storage, transportation and use of explosives and any other license/clearance viz. radio licenses etc. However, necessary recommendatory letters based on appropriateness shall be provided by OIL. Contractor shall adhere to prescribed rules and regulations pertaining to explosive uses.

3.0 Location, Boundary Corner Points & Logistics of the Block:

3.1 The co-ordinates of the OALP-II blocks MN-ONHP-2018/1 and MN-ONHP-2018/2 in Odisha, India area are given below:

MN-ONHP-2018/1				MN-ONHP-2018/2		
Coordinates (WGS-1984)				Coordinates (WGS-1984)		
Points	Longitude	Latitude		Points	Longitude	Latitude
1	85° 50'	20° 30'		1	85° 30'	20° 10'
2	86° 10'	20° 30'		2	85° 40'	20° 10'
3	86° 10'	20° 20'		3	86° 00'	20° 10'
4	86° 12'	20° 20'		4	86° 00'	20° 00'
5	86° 12'	20° 16'		5	86° 18'	20° 00'
6	86° 13'	20° 16'		6	86° 18'	19° 57'
7	86° 13'	20° 12'		7	86° 17'	19° 57'

8	86° 14'	20° 12'		8	86° 17'	19° 56'
9	86° 14'	20° 11'		9	86° 15'	19° 56'
10	86° 15'	20° 11'		10	86° 15'	19° 55'
11	86° 15'	20° 12'		11	86° 08'	19° 55'
12	86° 17'	20° 12'		12	86° 08'	19° 54'
13	86° 17'	20° 13'		13	86° 04'	19° 54'
14	86° 18'	20° 13'		14	86° 04'	19° 53'
15	86° 18'	20° 16'		15	86° 00'	19° 53'
16	86° 22'	20° 16'		16	86° 00'	19° 52'
17	86° 22'	20° 20'		17	85° 55'	19° 52'
18	86° 30'	20° 20'		18	85° 55'	19° 51'
19	86° 30'	20° 00'		19	85° 53'	19° 51'
20	86° 00'	20° 00'		20	85° 53'	19° 50'
21	86° 00'	20° 10'		21	85° 51'	19° 50'
22	85° 40'	20° 10'		22	85° 51'	19° 49'
23	85° 40'	20° 12'		23	85° 50'	19° 49'
24	85° 41'	20° 12'		24	85° 50'	19° 48'
25	85° 41'	20° 15'		25	85° 46'	19° 48'
26	85° 42'	20° 15'		26	85° 46'	19° 47'
27	85° 42'	20° 18'		27	85° 44'	19° 47'
28	85° 43'	20° 18'		28	85° 44'	19° 46'
29	85° 43'	20° 19'		29	85° 41'	19° 46'
30	85° 45'	20° 19'		30	85° 41'	19° 45'
31	85° 45'	20° 20'		31	85° 39'	19° 45'
32	85° 46'	20° 20'		32	85° 39'	19° 44'
33	85° 46'	20° 18'		33	85° 37'	19° 44'
34	85° 47'	20° 18'		34	85° 37'	19° 43'
35	85° 47'	20° 16'		35	85° 35'	19° 43'
36	85° 49'	20° 16'		36	85° 35'	19° 42'
37	85° 49'	20° 20'		37	85° 30'	19° 42'
38	85° 50'	20° 20'				

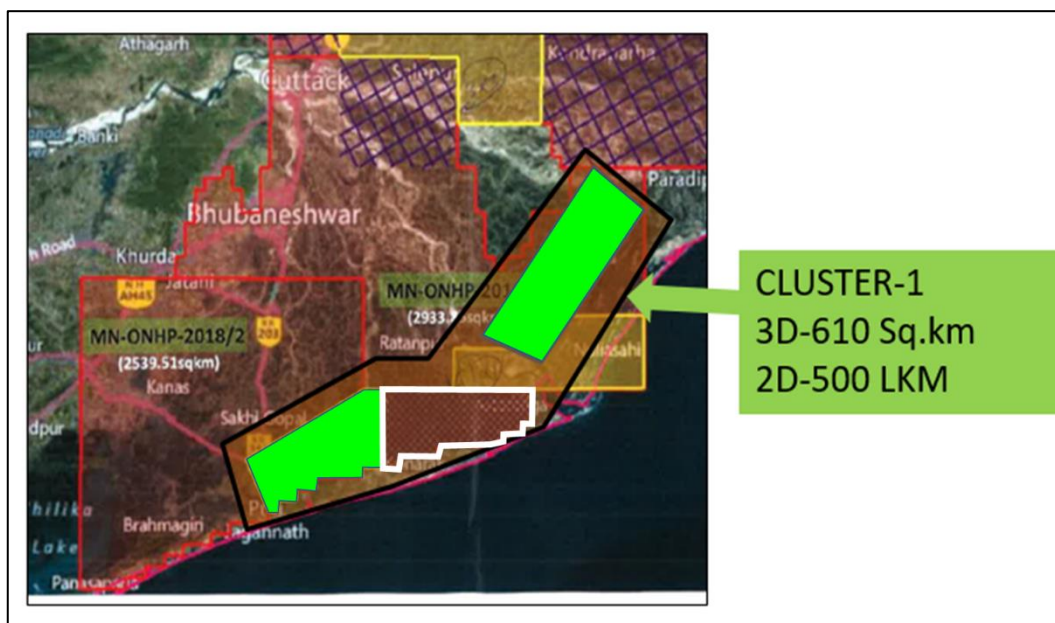
And the tentative co-ordinates of the 2D survey area and both the 3D survey areas are also given below.

Corner Points	Latitude			Longitude		
	Degree	Minute	Sec	Degree	Minute	Sec
Block Name : MN-ONHP-2018/2(2D SEISMIC)						
A2	19	52	57.96	86	02	11.95
B2	19	54	40.23	86	14	28.47
C2	19	56	57.14	86	18	03.19
D2	19	59	57.26	86	18	00.27
E2	20	00	10.41	86	02	04.44
A2	19	52	57.96	86	2	11.95

Corner Points	Latitude			Longitude		
	Degree	Minute	Sec	Degree	Minute	Sec
Block Name : MN-ONHP-2018/1(3D SEISMIC)						
A1	20	19	59.03	86	24	14.68
B1	20	16	35.04	86	29	07.65
C1	20	02	15.53	86	16	53.22
D1	20	06	05.16	86	11	36.65
E1	20	15	56.24	86	21	21.89
F1	20	15	56.38	86	22	01.37
A1	20	19	59.03	86	24	14.68

Corner Points	Latitude			Longitude		
	Degree	Minute	Sec	Degree	Minute	Sec
Block Name : MN-ONHP-2018/2(3D SEISMIC)						
A2	19	53	38.84	85	47	33.90
B2	20	00	00.00	86	00	00.00
C2	20	00	00.00	86	01	56.23
D2	19	53	00.00	86	01	56.23
E2	19	53	00.00	86	00	00.00
F2	19	52	00.00	86	00	00.00
G2	19	52	00.00	85	55	00.00
H2	19	51	00.00	85	55	00.00
I2	19	51	00.00	85	53	00.00
J2	19	50	00.00	85	53	00.00
K2	19	50	00.00	85	51	00.00
L2	19	49	00.00	85	51	00.00
M2	19	49	00.00	85	50	00.00
A2	19	54	12.50	85	47	47.60

3.2 The proposed 2D and 3D work program identified in both the Blocks are approximately shown below.



3.3 Hydrocarbon Prospectivity: Main Prospective horizons in MN-ONHP-2019/1 are Palaeocene and Early Cretaceous, the depth of which vary across the block. The well MON-2 which lies just outside block boundary had following findings. Hydrocarbon indications were seen in the ranges 2566-2567m, 2588-2592m, and 2708-2720 m with specks of golden yellow and brownish yellow fluorescence. Conventional core in the range 2567-2568.4 m showed specks of whitish yellow to golden yellow cut fluorescence. During drilling notable gas readings were observed in 1680-1690, 2324-2342 & 2587-2601 ranges. The drilling was terminated at 2993 m.

Whereas in block MN-ONHP-2018/2, the prospective horizons are Eocene, Palaeocene and Late Cretaceous. Both these blocks being contiguous, shares the same geology.

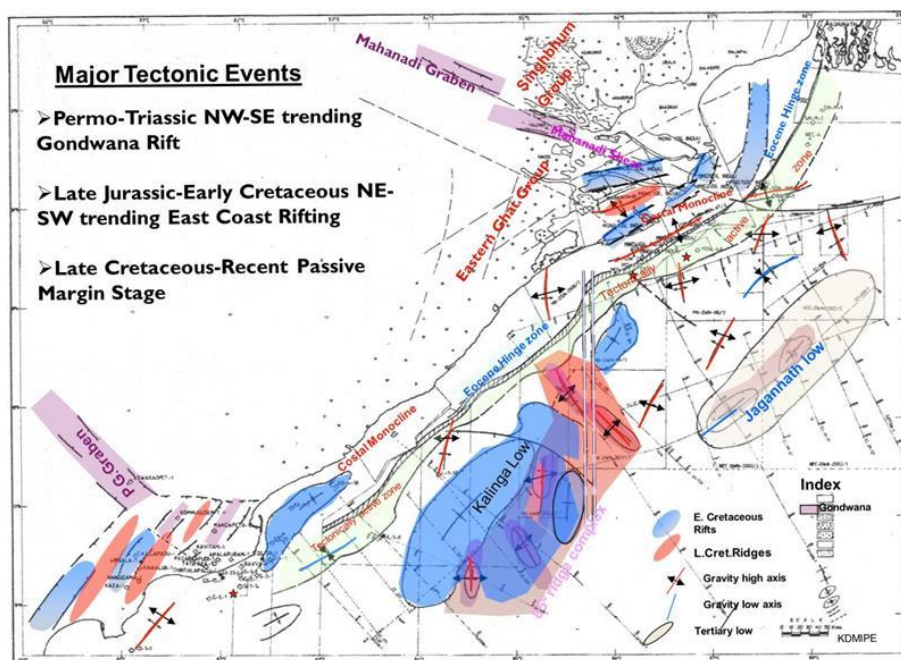
3.4. Climate: Block MN-ONHP-2018/1 is close to Bhubaneswar which is located on the coastal plains of Odisha (Orissa), south-west of the River Mahanadi. The area experiences typical tropical weather conditions. The summer months from March to May are hot and humid, and temperatures often shoot past 40° C in May. The south west monsoon lashes Odisha (Orissa) in June, bringing relief to the parched environs of Bhubaneswar and around. July and August receive the maximum rainfall, which may average over 220 mm a month. Pleasant weather conditions prevail during November, but December and January face the chilly winds from the North North-east. Temperatures drop to approximately 15°C during these months.

3.5. Communication: Block MN-ONHP-2018/1 is close to Bhubaneswar and block MN-ONHP-2018/2 is close to Puri. Bhubaneswar being the capital of the state and the largest city is well connected by road, train and air. Bhubaneswar is connected to the rest of Odisha and India by National Highway-NH 16, which is a part of Golden Quadrilateral, NH 203, State Highway 13 (Odisha) and State Highway 27 (Odisha). Asian Highway- AH 45 also passes through Bhubaneswar.

3.6 Geology of the Area:

Mahanadi Basin is a poly-history basin. The oldest sediments in the basin include the Permo-Triassic sediments (Lower Gondwana) which were deposited in continental grabens of the Gondwanaland. The Gondwana Basin was partly superimposed with next phase of basin development and sedimentation at the end of Jurassic.

The surface geological mapping by earlier workers in the area revealed that the basement comprises of granites, granite gneisses, amphibolites, schists etc. Surface exposures of Gondwana sediments are present in patches in the on-land part of the basin. Patches of Athgarh Sandstone of Early Cretaceous age directly overlie the basement. Most of the basinal area is covered by Quaternary alluvium and the basin extends into the Bay of Bengal. The Late Mesozoic extension episode along the east coast resulted in the development of horst and graben features along the pre-existing weak zones trending in NE-SW direction. The initial deposition in these grabens were generally of non-marine sediments. With the continuation of divergence and opening up of the basin, marine sedimentation started and basin tilted towards south-east. Subsequently, the older rivers started flowing in NW-SE direction with the delta system in an open marine condition. The rift phase ended with lava flow called Rajmahal Trap. The 85° East Ridge is bounded by a large fault with throw towards the western side and a gentle slope towards eastern side. A correlative magnetic anomaly response is observed above the ridge. The ridge remained a positive feature during Late Cretaceous to Early Paleogene period.



Subsequent to rifting and the volcanism during Early Cretaceous period the Mahanadi shelf received poorly differentiated sand/silt as Late Cretaceous continental deposits. During Palaeocene period, the south western part of Mahanadi shelf experienced deltaic sedimentation sourced from Eastern Ghat and Central Indian Cratons. Deltaic to pro-deltaic clastics are interbedded with shelf carbonates suggesting frequent retrogradation. During Eocene period, the Mahanadi shelf became clastic starved hence mainly limestone with interbedded clastics were deposited. This sequence is marked by pronounced shelf and slope break grading into basinal shales. On the whole, Palaeocene-Eocene sedimentation was

restricted mainly to the offshore basin and in the southern and eastern parts of Mahanadi on-land part.

Oligocene is conspicuous as a period of non-deposition/erosion in the major part of Mahanadi Basin especially in the shallow water and on-land part of the basin. However, beyond the Eocene shelf-edge, Oligocene is wedged out against Eocene hinge.

Miocene was a period of regional subsidence and marine transgression both in offshore and onshore Mahanadi Basin. Although subsidence started in Early Miocene but the rate of subsidence became very high in the beginning of the Middle Miocene period. This change is attributed to the rapid uplift of the Himalaya due to the hard collision of Indian plate with Tibetan plate. At this time the overall basin appears to have been tilted, with the west experiencing uplift and the east undergoing subsidence. The uplift in the west also led to a renewed influx of clastics into the basin and pro-grading deltaic sediments built out over the tectonically altered Miocene section. This progradation has continued to present day, with the present-day shelf edge approaching the position of Eocene shelf edge.

The objective of the seismic survey in the area is to obtain geologically conformable subsurface images of all the formations up to the Early Cretaceous/ Basement (approximately 4000m-5000m depth).

A1.0 SEISMIC DATA ACQUISITION:

A.1.1 The entire 2D & 3D Seismic Data Acquisition work under the Contract must be completed by the Contractor within Eighteen (18) Months (including monsoon break) from the date of commencement (successful completion of mobilization). Contractor shall be entitled for equivalent time extension on company's certification, for the loss of production due to the following:

1. Bad Weather Days with extreme climatic condition
2. Stand by days for non-fulfilment of Company's obligation under the Contract
3. Force Majeure days
4. Base Camp Shifting Days not more than Seven Days per Base Camp shift.

A1.2 However, no such extension shall be permitted for production loss on account of following:

1. Post-mobilization experimental works
2. Line shift
3. National Holidays
4. Breakdown/Equipment failure due to non-availability of spares / consumables
5. Equipment calibration test failure
6. Non-availability of adequate manpower
7. Contractor's Labour unrest
8. Non-availability of explosive/security

9. Non-Compliance with QC Standard
10. Delay of arrival of spares/consumables on account of Customs/Statutory clearances
11. Any other reasons attributable solely to the Contractor.

A1.3 Contractor shall also complete the Up-hole survey, LVL Survey and fixing of DGPS Pillars within this contract period.

A1.4 The work standard and Quality control norms stipulated in this Section shall be applicable for the purpose of acceptance.

A1.5 Contractor shall carry out on site field quality Control (QC) processing for the 2D and 3D Seismic Data acquired under the contract. Contractor must use state-of-the-art Hardware & Software systems, which will be capable of handling full-fledged 2D and 3D Field QC Processing, checking the 2D and 3D Geometry and generating 2D and 3D stacks in any profile (for 2D) as well as inline and cross line (for 3D).

A1.6 Contractor shall put all best efforts to acquire all the planned shots in a 2D seismic profile or in a 3D swath. However, for any avoidable deviation, the contractor shall acquire a minimum of 80% of total shots planned and acceptable to company each and every line km for 2D and Sq. Km. for 3D. The details of the total planned shots for each profile / swath that cannot be acquired with detailed explanation shall be submitted to company representative for approval. Contractor shall move to the next segment of seismic profile / swath after receiving approval from company for each of block under the purview of this tender.

A1.7 For survey simulation and updation of acquisition geometries, contractor shall use any of the industry standard software viz. Geoland, Omni, Mesa Expert etc. Contractor shall engage experienced geophysicists as expert / consultants to implement the given survey design and acquisition parameters and to supervise planning of recovery shots.

A1.8 The acquired 2D & 3D data must be of good quality (distinct primary reflections from all target horizons) and to have uniform fold at the extent possible, regular offsets and or azimuths in all subsurface coverage points (CDPs or Bins) as applicable.

A2.0 Objective of the Survey:

A2.1 The exploration objective of the 2D and 3D Survey is to identify and image structural and stratigraphic prospects for drilling.

A2.2 The targets in both the blocks lie in the range of 600 m to 2100 m.

A2.3 The existing data indicates structural dips up to 30 degrees.

A3.0 Topographical Survey:

A3.1 **Fixing of Reference Points:** Before starting the survey on the proposed blocks, the Contractor shall fix adequate number of bench marks / reference points at different locations

around the blocks, as asked by the Company, using Differential GPS methods/techniques by deploying state-of-the-art Differential Global Positioning System (DGPS) with L1 and L2 modes.

A3.2 Cement pillars and pipes with permanent engraved identification are required for the Reference Points.

A3.3 Contractor may be required to establish additional Benchmarks during the course of the survey if necessary, at his own cost.

A3.4 Contractor will submit a comprehensive report mentioning methodology of fixing Reference Points & Benchmarks, details of the Reference Points & Benchmarks, including sketch and the co-ordinates in the different systems as desired by the Company.

A3.5 Survey Equipment and Topographic Survey Standards: The Company and the Contractor shall determine the proposed location of the DGPS surveying control points/network prior to their placement in the field on the pre-plan Base map of the areas of operation. The proposed locations need to be identified by the Contractor on the ground and shown to the company authorized representatives. The DGPS control point sites ultimately chosen thereof and approved by the company shall be suitably cleared by the Contractor to allow a clear, unobstructed view of the sky for good satellite signal reception. These points will be established by simultaneous Static Differential GPS observations and shall be post processed at the Base Camp using industry standard software. The points observed in the field having data pairs with individual Geometric Dilution of Precision greater than 4 or where two satellites occupy the same quadrant in the sky, or where the satellite elevations are less than 150 from the horizontal shall not be regarded as “good fixes” and should be rejected before data reduction. The reference points established should be sufficiently monumented / archived as permanent structures. Such labelling has to be certified by the company representatives. The Contractor will also fix bench marks/ reference pillars along roads for tying up during surveying. These bench marks may be fixed using DGPS (using L1 and L2 modes).

i) Accuracies

The survey errors

- a) should not exceed 0.1% in 1000m (Horizontal)
- b) should not exceed 10 CMS for surface elevation (vertical)
- c) and bearing +/- 2 seconds

ii) Relative Position Accuracy

- a) Angular Error: 1min between the control points at 500m to 700m
- b) Linear error: 30 cm - 40 cm

iii) Levelling main loop error shall not exceed $25\text{cm} \times K$, where K is the loop distance in Kilometres, which is an error of 25cm/Km.

iv) Spheroid: WGS 84

A3.6 The Contractor shall carry out control survey of pillars and picket point implantation using DGPS RTK-GPS techniques as generally done for 2D/3D seismic survey for oil & gas exploration with accuracy better than 25cm in height and 1:1000 scales. The Contractor must supply accurate co-ordinates (WGS-84 and UTM) of these points along with necessary diagrams for locating the same in future. The transformation of the co-ordinates from the

WGS84 Datum to the local Datum shall be meticulously tested by the Contractor using a set of co-ordinates provided on both the geodetic systems, by the Company. Geoidal elevation required for conversion from WGS84 Datum to Local datum shall be computed by the Contractor using appropriate geoidal model. The geoidal model used and all the relevant details that specify its effectiveness shall be provided to the Company. The digital elevation model of the benchmarks /reference points established should be constructed and provided to the company.

A3.7 In total about 150 nos. of reference points are required to be fixed covering the survey blocks and the surrounding areas. The Contractor shall fix additional benchmarks / reference points, if required. The exact number of points over and above the minimum and their locations will be decided by the Company.

A3.8 For all the reference points described from A3.1 to A3.7 above, pillars with proper engravings are need to be fixed in such a way that they serve as permanent bench marks with proper engravings. The permanent bench marks shall consist of concrete pillar and M.S rod, 10 centimetres in diameter with the name of the reference point (e.g. MN-ONHP-2018/1-OIL-100 or MN-ONHP-2018/2-OIL-100) clearly welded at the top in character 7.5 centimetres high. The pillars should be firmly fixed (set in concrete mixed with a minimum of one-half sack of cement per benchmark) to a depth of 31/2 feet in to the ground with concrete cement. The pillar should be of sufficient length in order that it remains secure and visible for an indeterminable period and has 1.5 meters above the water or ground level. The permanent benchmark shall be painted in red with its number outlined in white paint. The permanent bench mark shall have 30 centimetres cross bars at the bottom to avoid being pulled out. The Contractor is responsible for the manufacture and construction of these permanent bench marks and for ensuring that duplicate and/or missing permanent bench mark number do not occur.

A3.9 The survey tolerance has to be checked (based on simulated line diagram digital data and hard copy plots to be provided by the Contractor), agreed and approved by Company prior to commencement of shooting in each LINE. Any re-survey and re-pegging, if required, will be carried out by the Contractor at his own cost & responsibility.

A4.0 **Seismic Survey:**

A4.1 Contractor shall carry out 2D and 3D seismic data acquisition employing state-of-the-art telemetry /Cable less system with real time data acquisition and quality control of noise etc. recording and using explosives as source.

A4.2 The data are to be recorded on IBM 3592cartridge tapes in SEG-D or SEG-Y format.

A4.3 Contractor shall use the following tentative field acquisition parameters

Tentative 2D Seismic Data Acquisition Parameters for survey block (MN-ONHP-2018/2)

Block MN-ONHP-2018/2	
2D Seismic Data Acquisition Parameters	
Survey Design /	Value

Acquisition Parameters	
No of Active Channels	360
Type of shooting	(symmetric split spread)
Group Interval	20 m
SP Interval	60 m
Minimum offset	10 m
Maximum offset	3600 m
Offset distribution	Uniform
Record Length	9 second
Sampling Interval	2 milli seconds
Shot hole depth	~Maximum OD 40 m, however final shot hole depth to be adopted after the necessary Experimental survey & subsequent Uphole/LVL survey based Near Surface Model (NSM)
S/N Ratio	High, Min. 120 Db Dynamite range, with 24-bit Delta-Sigma recording technology and suitable noise. Shaping filter etc. to match the best record in the area.
Data Format	SEG-D/SEG-Y Demultiplex format in 'SEG' normal polarity.
Polarity	'SEG' normal polarity
Nominal Fold	60
Total expected no. of Shots in the block for acquiring 500 LKM	8300 (Approx.)

Tentative 3D Seismic Data Acquisition Parameters for survey block (MN-ONHP-2018/1)

Block MN-ONHP-2018/1	
3D Seismic Data Acquisition Parameters	
Survey Design / Acquisition Parameters	Value
Receiver Station Interval	40m
Source Station Interval	80m
Receiver Line Interval	320m
Source Line Interval	320m
Geometry	Orthogonal
In-Line Bearing	135°
Cross-Line Bearing	225°
Spread	88-88 (Symmetrical Split Spread)
No. of Receiver lines in swath	14
No. of active receivers per line	176
Total no. of receivers in template	2464
In-line Fold	11
Cross-line Fold	7
Nominal Fold	77
Maximum minimum offset	452.50 m
Maximum offset	4071.00 m
Maximum In-line Offset	3520 m
Swath roll	50%
Total no. of Shots	21000 (Approx.)
Block Area	350 sq. Km
Shot hole depth	~Maximum OD 40 m, however final shot hole depth to be adopted after the necessary Experimental survey & subsequent Uphole/LVL survey based Near Surface Model (NSM)
S/N Ratio	High, Min. 120 Db Dynamite range, with 24-bit Delta-Sigma recording technology and suitable noise. Shaping filter etc. to match the best record in the area.
Data Format	SEG-D/SEG Y Demultiplex format in 'SEG' normal polarity.
Record Length	9 seconds
Sampling Interval	2 milli seconds
Polarity	'SEG' normal polarity

Note:

The above estimated shots i.e. ~21000 is for full fold coverage (i.e. 77-fold) for the entire block area (i.e. 350 sq. km.).

Tentative 3D Seismic Data Acquisition Parameters for survey block (MN-ONHP-2018/2)

Block MN-ONHP-2018/2	
3D Seismic Data Acquisition Parameters	
Survey Design / Acquisition Parameters	Value
Receiver Station Interval	40m
Source Station Interval	80m
Receiver Line Interval	320m
Source Line Interval	320m
Geometry	Orthogonal
In-Line Bearing	135°
Cross-Line Bearing	225°
Spread	88-88 (Symmetrical Split Spread)
No. of Receiver lines in swath	14
No. of active receivers per line	176
Total no. of receivers in template	2464
In-line Fold	11
Cross-line Fold	7
Nominal Fold	77
Maximum minimum offset	452.50 m
Maximum offset	4071.00 m
Maximum In-line Offset	3520 m
Swath roll	50%
Total no. of Shots	16000 (Approx.)
Block Area	260 sq. Km
Shot hole depth	~Maximum OD 40 m, however final shot hole depth to be adopted after the necessary Experimental survey & subsequent Uphole/LVL survey based Near Surface Model (NSM)
S/N Ratio	High, Min. 120 Db Dynamite range, with 24-bit Delta-Sigma recording technology and suitable noise. Shaping filter etc. to match the best record in the area.
Data Format	SEG-D/SEG-Y Demultiplex format in 'SEG' normal polarity.
Record Length	9 second
Sampling Interval	2 milli seconds
Polarity	'SEG' normal polarity

Note: The above estimated shots i.e. ~16000 is for full fold coverage (i.e. 77-fold) for the entire block area (i.e. 260 sq. km.)

A4.4 Data acquisition parameters as indicated above are the minimum requirement of Company. Company desires to have symmetric sampling of offsets in each bin as far as possible. The data must have wide azimuth distribution at the offsets contributing to the primary and secondary targets. Contractor needs to perform detailed simulation/modelling/ray-tracing for the 2D and 3D block and submit their observations and suggestions to Company prior to the start of the survey.

A4.5 Energy Source: Contractor shall use explosives as energy source for data acquisition. Depending upon the logistics and terrain conditions, Contractor must ensure the following geophysical requirements:

- a) Adequate energy to image target horizons.
- b) Proper source coupling.
- c) Shot hole depth has to be maintained
- d) The quantity of explosives to be used per shot/shot-hole, depth & type of shot-hole
- e) Drilling requirement (shot-hole depth and hole patterns etc.) will be finalized in consultation with Company's onsite representative and the same will be binding on the Contractor.

A4.6 EXPLOSIVES AND DETONATORS:

- (a) Contractor shall arrange to procure, store and transport requisite quantity of explosives and detonators at its risk, cost and responsibility. Contractor shall use Explosive and Detonators as per the specifications mentioned below.

Explosives (Dynamite Class-II)	Detonators
Type Class II	Type: Instantaneous electric detonator
Composition: Slurry /Water gel/ Emulsion	Strength: No. 8 & above
Velocity of detonation (VOD)-m/sec: Minimum 5000± 500	Fuse head resistance: 1.4-1.8 Ohms
Cap Sensitivity: No. 6 detonator or above	Reaction time: less than one millisecond

- (b) Contractor shall arrange at its own cost the necessary permits to store and transport explosives and detonators including security during storage, operation time and transportation.

- (c) Contractor shall be responsible for handling, loading and blasting of shots holes by engaging authorized licensed personnel and for maintaining records of explosives and detonators. Company's on-site representative(s) shall periodically verify the stock physically. Contractor shall arrange for Police verification for all the persons engaged in handling of explosives and detonators.

- (d) Contractor shall be responsible for safety and security of explosive and detonators under its custody. Contractor shall submit daily online consumption/usage of explosives to Petroleum and Explosives Safety Organization (PESO) and duly signed quarterly statements of consumption etc. as per PESO guidelines.

(e) All rules regarding use, transportation and storage of explosives and detonators shall be observed by the Contractor. Company shall in no way be responsible for violation of any rules whatsoever by the Contractor.

(f) The Contractor shall quote for unit price per Kg of explosives and per nos. of Detonators on all-inclusive for destination (working site) basis, considering the approximate consumption in survey area as mentioned below:

Explosive (Kgs)	Detonators (Nos.)
4,70,000	4,00,000

(g) Charge size will be fixed after experimental shooting for survey area. Charge size will be minimum 5.0 kg per hole however for quality data acquisition the charge size may be more and it shall be decided on basis of experimental work.

(h) In the case of additional usage (More than above mentioned quantities as per clause (f) of explosive and detonators due to operational requirement and certified by on-site Company representative, the same will be as per unit rate quoted by the contractor in the price schedule and the payment will be made as per actual based on supporting documentation provided with monthly invoice.

(i) The payment against consumption of explosives and detonators will be done as per actual monthly consumptions. The Contractor has to enclose the Explosive/Detonator return statement (as per PESO guidelines) along with monthly invoice.

(j) Contractor shall make necessary security arrangements to guard the loaded shot holes till they are blasted.

A4.7 Shot-Hole Drilling:

- (a) Minimum depth of Shot-hole requirement in the area is 35-40 m of depth. Single shot hole is preferred however at places based on surface logistics and terrain condition requirement of pattern holes is envisaged.
- (b) Contractor shall deploy adequate and fit-for-purpose shot hole drilling technology as per the terrain requirement as and where necessary viz. Manual Dheki, Portable mechanized drilling rigs with air compressor drilling/ pneumatic drilling, mechanized water rotary drilling rigs, manual rigs and ancillary equipment etc. in sufficient numbers capable to meet the desired shot hole depth requirement and achieve criteria of minimum production per day as specified above both for 2D and 3D seismic survey.

A4.8 Source Positioning / Receivers / Recording Equipments:

A4.8.1 Source Positioning:

- (i) Source positions shall be as close to staked locations as possible.
- (ii) Deviations of more than 1m along the line or half the group interval perpendicular to the line will be noted in the logs and actual coordinates should be included in SPS file.
- (iii) Each source position will be placed so as to minimize damage to the surface, subsurface aquifers, and to any structures or buildings.
- (iv) The Contractor is advised for a thorough reconnaissance of the survey blocks to get fully acquainted with details of surface topographic features, local geology/subsurface formations, accessibility/approach/slope & in inaccessible areas.

- (v) Contractor shall take all appropriate measures to ensure the stability of shot holes till they are loaded to the required optimum depth, at no extra cost to Company.
- (vi) Blasted shot holes and pits shall be filled with earth immediately after firing of shots.
- (vii) The depth to which the bottom of explosive is lowered will be considered as depth of shot hole. Measurement of depth by drilling rods/tamping rods or by any other means shall not be considered final unless the explosive is lowered to the depth asked for. The depth measurement is to be made by the authorized person of the Contractor in the presence of the authorized representative of Company, and only the depth measured and verified by Company's representatives will be considered final.
- (viii) After lowering the charge up to the bottom of shot hole, proper tamping of charge should be done for better transmission of shot energy to the earth medium and to minimize the sound pollution in and around eco-sensitive zone.

A4.8.2 Receivers:

- (a) Contractor shall deploy geophones (Land / Marshy geophones / hydrophones) only keeping with the logistics of the area.
- (b) Contractor shall use geophones which must be of industry standard. Contractor shall use LOW-DISTORTION and HIGH-PERFORMANCE geophones with natural frequency of up to 10 Hz (viz. SM24/SG-10 or equivalent) or better.
- (c) The geophones must be fully compatible with seismic data acquisition system (with real time QC Monitoring recorded data) along with necessary interface/ground station units. No. of geophones per station must be 12 (twelve) having industry standard spike length. The configuration of Analog Geophones strings must be: 6x2 [(6 in Series and two (2) such series in parallel)] for 10Hz geophones meeting the specified effective impedance, sensitivity and damping of the string.
- (d) In regard to receiver type, sensitivity & array, Contractor must maintain followings to the satisfaction of Company. All the receivers must be compatible to minimum 24-bit recording for high bandwidth signal, which is necessary to resolve the thin reservoirs.
 - (i) Proper receiver coupling (tightly planted).
 - (ii) Noise analysis for recording data with high S/N ratio up to the satisfaction of the Company.
 - (iii) Polarity: SEG Normal Polarity.
 - (iv) Tests: Geophones tests shall be conducted daily for polarity, phase, damping, natural frequency and sensitivity, leakage etc., and the report shall be submitted. Electrical continuity and tap tests shall be conducted monthly or as desired by Company. Faulty geophones and geophones with characteristics outside manufacturer's specifications shall be replaced immediately.
 - (v) Array Locations: Geophones positions shall be as close to the staked locations as possible. In case of any Deviations of more than 1m along the line or 5m perpendicular to the line will be noted in the logs and actual coordinates should be included in SPS file.
 - (vi) Geophone Plantation:

- Each geophone shall be planted firmly in to achieve good coupling with the earth and proper vertical positioning. Artificially filled earth / vegetation etc. shall be avoided as far as possible.
 - Geophones shall be planted at proper position (as close to the staked position as feasible). Plantation near trees, power lines, houses etc. shall be such that the ambient and cultural noise is at minimum level.
- (vii) Since the area of operation have lot of river confluence area, streams etc. contractor shall deploy high sensitivity and low distortion marshy geophones (Natural frequency of 10 Hz) and hydrophones (as and where necessary), fully compatible with seismic data acquisition system deployed in the area. All the receivers must be compatible to 24-bit recording for high bandwidth signal.

A4.8.3 Recording Equipment:

Contractor will deploy latest state-of-art minimum of 24-bit Seismic Data Acquisition system with Delta-Sigma technology with real time QC Monitoring of recorded data and compatible accessories/ground electronics, suitable to acquire the required quality data in the logistics and the terrain condition prevailing in the area mentioned above. The equipment should be able to provide real time Quality control monitoring of recorded data from different source and receivers as selected.

A4.9 Up-hole / LVL Survey and Statics information:

- a. Contractor will seek prior approval from the Company for the LVL/UP-HOLE plan / grid.
- b. Contractor is required to provide accurate and model validated source, receiver statics along each profile and for the entire area by carrying out LVL/Uphole survey at pre-approved locations in consultation with Company.
- c. Contractor is required to carry out LVL/Uphole survey as per plan provided and approved by OIL.
- d. Contractor must Process & Interpret LVL and Up-hole data (in graphic and tabulated form) and do compute the field statics. Contractor must also use the first-break information along with near-hole Uphole recording.
- f. The minimum depth of Uphole for the survey should be 90m. However, for terrain specific cases, the same will be finalized with consultation with Company representative.
- g. The detailed near surface model and model validated statics corrections (for both shot and receiver stations) for the entire area under operation must be provided to Company in UKOOA & ASCII Format on cartridge/suitable media as well as in hard copies with the recorded data cartridges.
- h. In case, LVL/Uphole falls in water/marsh, the LVL/Uphole shall be taken at the nearest shot point on the land or as desired by Company.
- i. The LVL/Uphole interval may be mutually changed by Company and Contractor depending on the requirements. Any change in LVL/Uphole position must be approved by Company representative.
- j. The statics data has to be provided in CD/DVD as well as on hard copies in user defined format containing line number, shot/receiver number, shot/receiver coordinates and the statics corrections and other relevant information.

- k. The Uphole/LVL survey should be planned ahead of shooting so that the same should be available for quality control during recording.
- l. In case due to unavoidable adverse surface logistics, if the Uphole data cannot be taken, then, LVL survey will be carried out in consultation with OIL representatives.

A4.10 QC Processing System:

- (a) Contractor shall provide industry standard seismic data quality control system to monitor seismic coverage, overall seismic and positioning data quality. The system should have capability to generate the maps of the acquisition attributes viz. foldage and offset distribution etc.
- (b) Contractor shall be required to undertake QC processing of the acquired 2D & 3D data for quality check. Contractor shall ensure that sufficient processing facilities, including hardware, industry standard seismic data processing software and experienced personnel are available to perform these tasks.
- (c) Contractor shall provide facility for playing back the recorded data, to facilitate offline QC of seismic and survey data.

A4.11 Equipment and Personnel:

- (a) Contractor shall deploy for latest state-of-the-art equipment, with compatible accessories to carry out the work under this contract. Contractor must mobilize the same equipment as quoted against the Tender. They will not be subsequently permitted to change the make & model of equipment whatever they offer in their Bid. However, the higher model or version of the same make may be considered in case of breakdown.
- (b) Contractor shall arrange to mobilize all materials available indigenously not limited to items such as generators, bunkhouses, tents, office equipment etc. in addition to deploy sufficient number of drilling crews in order to maintain optimum progress to achieve project target within stipulated time.
- (c) Contractor shall carry, use and provide all required consumables e.g. cartridges, survey materials (pegs, paints), flexible wire, adhesive tapes, loading poles, recording paper & logs and chemicals, shot hole casings (if required), line communication systems, batteries etc. in brand new condition for completing the entire survey including the additional quantum of job, if any, under this contract.
- (d) Contractor shall engage and deploy well experienced & qualified personnel for carrying out various operations related to work under this contract. Personnel holding key posts or involved in decision making processes must have experience as per ANNEXURE-I in carrying out similar jobs.
- (e) Contractor must submit detail bio-data of all key personnel to be deployed by them for the entire period of the project along with the bid. Should Company find any of these personnel unsatisfactory/undesired during the job execution, Contractor must arrange for immediate suitable replacement of such personnel without interruption to operation. Should there be any change of personnel on request from Company for whatsoever reason; Contractor must obtain approval from Company before deploying the suitable replacement.
- (f) Contractor shall undertake to deploy all the unskilled labours required for this job from in and around the area of operation.
- (g) The equipment/key personnel to be engaged by the Contractor should be capable of maintaining optimum recording/shooting progress.

- (h) The Contractor shall supply all personnel, experts, labourers, equipment and facilities necessary for the successful completion of the work and fulfilment of the given production guarantee. However, minimum requirement of personnel and equipment are listed vide Annexure – I & Annexure-II respectively.
- (i) The QC processing work needs to be supervised by experienced processing geophysicists. He/ she should have in-depth knowledge in land 2D and 3D data processing and should have at least 5 years' experience in land 2D and 3D seismic data processing.
- (j) Communication Equipment & Licenses: Contractor shall be fully equipped for requisite numbers of communication device for field operation as well as communication with base camp. All the communication device sets deployed in field operation must have valid licensed frequency band for usage arranged by Contractor with administrative help of Company to obtain necessary approvals.

A4.12 Method of Work:

- (a) As the situations demand in the survey area, the tendered 2D and 3D survey operation should have the barest minimum impact on the sensitive environment and the localities. Therefore, the Contractor shall deploy the state-of-art data acquisition system with real time recording capability to cover inaccessible areas and to afford high manoeuvrability in deployment of the acquisition spread in the survey block. The deployed seismic data acquisition equipment shall be with delta-sigma technology.
- (b) The Contractor shall use the data acquisition parameters as stipulated for 2D and 3D seismic survey in respective blocks.
- (c) Contractor must visit the area of operation prior to bidding for being fully aware and to understand the topography, job involvement and logistics including but not limited to environmental issues.
- (d) The Contractor shall carry out line survey using latest equipment such as DGPS, total stations with an accuracy of 25cm or less from planned positions. The survey tolerance has to be checked (based on line diagram and digital data provided by the Contractor), agreed upon and approved by Company prior to commencement of shooting of each LINE. Any resurvey work, if required, will be carried out at Contractor's own cost.
- (e) Company would prefer a single hole of 35-40 meter (loading depth) than a pattern holes. Pattern holes will be allowed only if single hole of 35-40 meter is not possible due to subsurface conditions and the company representative is convinced. However, the same will be decided by company representative.
- (f) LVL / Uphole: The Contractor shall carry out shallow refraction or LVL and Uphole surveys in acquisition area along the grid decided with consent of company. The Uphole survey should be carried out up to a depth of about 90 meters. The LVL/ Uphole recording equipment should be capable of recording a minimum of 24 channels with sampling interval 0.25ms or less. In areas where the surface logistic does not allow shooting LVL/ Uphole profile at the specified location, the Contractor will attempt to recover the same from a closest possible location.
- (g) The contractor shall carry out interpretation of LVL and Uphole data and subsequent computation of statics. The tomography-based technique should also be used for the interpretation of LVL and Uphole data.
- (h) Data QC through Field Data Processing System: The acquired data volume shall have more or less uniform fold and to maintain regular offsets/azimuths in the CMPs/CDPs of all the 2D/3D data in the survey blocks to achieve the geological/geophysical

objective of the survey. Recovery shots shall be taken for maintaining regularity in offsets and to compensate short-fall of fold.

- (i) For QC purpose, every day, the acquired data shall be added to the main data volume for its updation and for processing in order to know the short-fall of fold and missing offsets in subsurface coverage points (CMPs/ CDPs). A soft copy of the full length of brute stack sections (industry standard scale) shall be generated for display of selected CMP lines with QC processing flows like RMS amplitude displays, bad trace detection, computation of statics solution, position data and statics solution merged as specified by the Company's representative. Company's representative shall have access to the QC processing system for any QC checks or verification.
- (j) The Contractor shall deploy Field QC Processing system with advanced processing software. Contractor shall show the processed CDP/ CMP gathers of updated data volume to OIL representatives to let them be apprised that, the missing offsets and short-fall of fold are compensated. The contractor shall also submit the velocity files for the generation of Brute Stack Sections.
- (k) Recovery shots shall be planned by the Contractor everyday analysing the short-fall of folds and missing offsets.
- (l) Data quality & acceptability of the raw shots: Shot records should contain visible distinct primary reflections from the shallowest horizon to the deepest horizon.
- (m) Raw shots with more than 2% of dead channels and consecutive four dead (except the surface logistical problem) traces would be rejected. Contractor needs to take fresh shot as replacements.

A5.0 Work Completion Period for Data Acquisition:

A5.1 Start of Work: The Contractor must complete mobilization and commence work within 60 days from the date of issue of LOA by Company. Company prefers that Contractor will mobilize all the survey equipment within 45 days from the date of issue of LOA, so that initial survey work can be taken at an early date, immediate to LOA. This will help the contractor to commence shooting operation immediately after the entire mobilization is completed in 60 days. The period for the completion of the Mobilization job will be counted from the date of issue of LOA.

5.1.1 Contract Period: The Contract period for acquisition of 500 LKM of 2D Seismic survey and 610 Sq. Km. 3D Seismic survey in MN-ONHP-2018/1 and MN-ONHP-2018/2 blocks falling in the state of Odisha shall be 18 months (including monsoon break) from issue of LOA as stipulated in NIT. The contractor shall submit all the deliverables within the time frame as stipulated in the terms and conditions of the NIT. The areas wherein the work is planned have monsoon period generally from July to September. The acquisition work, if any, will be required to be suspended during monsoon breaks. During the monsoon break, the contractor will have to keep their equipment and a minimum manpower (to be decided by the Contractor) in the camp for safe keeping of their equipment and tools etc. During the monsoon break, Contractor shall be responsible for safe keeping of all their resources/equipment. Standby charges or any other separate charges whatsoever shall not be payable by the Company to the Contractor during monsoon break against the contract.

5.1.2 Contractor shall mobilize two (2) seismic acquisition crews concurrently along with requisite equipment & accessories towards successful completion of the entire survey work within eighteen (18) months (including monsoon break) from the date of issue of LOA. Company will finalize the initial scheme of proposed survey work in consultation with Contractor to enable them in planning the field operations suitably. The map indicating survey block/lines will be provided by Company to Contractor. The Contractor will arrange for the preparation of pre-plots of the survey lines & conversion of co-ordinates from one datum to another, if required with Company's consent. The SPS files/SP coordinates may be provided to Contractor, if required.

5.1.3 The schedule of field operations will be finalized between Company's representatives and Contractor's Party Manager prior to or on the arrival of equipment & crew at the area of operation. Company's representatives and Contractor's Party Manager shall jointly have the option of rescheduling the sequence of shooting during the course of work. Once the schedule of operations is finalized as above, neither Company (except as provided in the contract) nor Contractor shall modify or cancel any part or whole of the program without mutual agreement.

5.1.4 Seismic data acquisition work shall remain suspended during the monsoon period, which prevails generally from July to September in the area of operation. However, the Company has the right to suspend and resume seismic survey operation in the event of monsoon break in each year depending on the situation in the area of operation and shall be duly notified to the Contractor by Company's representative.

5.1.5 If the contractor is unable to complete the schedule work within the stipulated time period, contractor may be allowed to work to complete the remaining job in an additional period, not exceeding three (3) operating months, however, the payment of such volume of job will be made at the rate of 90% of the actual quoted rate for each line item as applicable for both 2D and 3D surveys respectively.

5.1.7 In case, the contractor fails to complete the tendered volume of work in eighteen (18) months (including monsoon break) from the effective date of the contract (issue of LOA) for both the Blocks. (i.e. MN-ONHP-2018/1 & MN-ONHP-2018/2), no payment towards the stand-by charges & Force Majeure will be made during this extended period.

A5.2 The contractor shall carryout experimental work before commencing actual 2D & 3D data acquisition operations.

A5.3 **Mobilization:** Company expect quick mobilization of both the crews to be deployed concurrently to commence the work, within 60 days. Mobilization shall be deemed to be completed when all equipment and personnel for both the seismic crews deployed in respective areas and necessary pre-acquisition experimental work by individual crew is conducted as specified in scope of work and **minimum production record of 10 LKM is taken by 2D crew and 10 Sq.KM by 3D crew and the same is accepted by the Company.**

The time spent on the pre-acquisition experimental work is inclusive in the above mobilization period. However, the actual time spent on this pre-acquisition experimental work will be paid

as per rate quoted against “Cost for Experimental Recording” (both 2D and 3D respectively as applicable) as quoted in Price Bid Format (PROFORMA-B).

Further time spent on acquisition of minimum 10 LKM/Sq.Km production record per crew will not be part of mobilisation period and payment against the same will be made as per actual in line with contractors quoted rate for “ Cost for Data Acquisition Charges” (both 2D and 3D respectively as applicable) as quoted in Price Bid Format (PROFORMA-B).

In case, the last date of scheduled mobilisation of 60 days falls within the non-operating period (July-September) or in case of early advent of monsoon, Company reserves the right to extend the mobilisation date up to the end of monsoon break.

Apart from the mobilisation of two (2) field crews as stipulated above, Contractor has to also mobilize concurrently requisite hardware and software resources with competent personnel to be in ready condition for start of processing work at their processing centre within 60 days from date of issue of LOA. Company reserves the right for physical inspection of hardware and software resources and personnel during the mobilization period at processing centre of the Contractor.

Without prejudice to the Liquidated Damages clause of the Contract, Company may allow the Contractor to begin operations under the contract without waiting for the second crew to become ready, considering the importance & urgency of the requirements. However, under such situation, payment towards the following charges shall be withheld / retained by Company till all two crews start operating in the field under the contract.

- (i) Mobilisation Charge shall be retained in full.
- (ii) 10% of Operating Charges shall be retained.

Contractor must provide categorical confirmation of their capability and intent to meet this timing for deployment of two (2) field crews and processing resources concurrently in their Technical Bid otherwise their Bid will be rejected.

Obtaining clearance for Camp Establishment, Mobilization of Equipment & Manpower and permission to work in the area from different agencies of Government of India & Govt. of Odisha is the responsibility of the successful bidder. Contractor must apply for necessary clearances to the different agencies of Government of India & Govt. of Odisha pertaining to Camp Establishment, Mobilization of Equipment & Manpower, and Permission to work in Area immediately after intimation/receipt of Letter of Award (LOA) by Company.

A5.4 The period for the completion of the job will be counted from the date of successful completion of mobilisation duly certified by the Company representative as acceptable.

A5.5 Data Acquisition of total quantum of 2D seismic data of 500 LKM (in OALP-II block MN-ONHP-2018/2 with 60 Nominal Fold), 350 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/1 with 77 Full Fold coverage) and 260 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/2 with 77 Full Fold coverage) must be completed by deployment of two (2) field crews and processing resources concurrently within eighteen (18) months from the date of successful completion of mobilisation.

A5.6 The period of Contract referred above are inclusive of national holidays, bad weather days, experimental work days (other than the pre-acquisition experimental working days), monsoon break, camp shift days and production loss due to equipment failure or any other reasons under Contractor's control.

A5.7 Contractor shall put all efforts to complete data acquisition and processing of total quantum of 2D seismic data of 500 LKM (in OALP-II block MN-ONHP-2018/2 with 60 Nominal Fold), 350 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/1 with 77 Full Fold coverage) and 260 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/2 with 77 Full Fold coverage) by deployment of two (2) field crews and processing resources concurrently in eighteen (18) months from the date of successful completion of mobilization. In the event of Contractor's failure to complete the Seismic Data Acquisition and processing of contractual volume of 500 LKM of 2D and 610 Sq. Km. of 3D seismic data within the time frame of eighteen (18) months, the Contractor has to complete the remaining volume of jobs i.e. 2D and 3D data acquisition & processing, LVL, Up-hole survey and Reference Pillar Fixing with a penalty of 10% on the quoted rates for the remaining jobs. This penalty will be levied only on the remaining volume of jobs i.e. 2D and 3D data acquisition & processing, LVL, Up-hole survey and Reference Pillar Fixing after expiry of the stipulated time period of eighteen (18) months. The Contractor needs to complete the remaining job within a period of maximum three (3) months beyond scheduled project completion period i.e. eighteen (18) months (including monsoon break) from the date of successful completion of mobilization failing which the contract would be terminated, PBG invoked and the defaulting contractor would be dealt as per OIL's banning policy.

Note: This penalty is over and above the LD clause of the tender.

A6.0 Personnel and Equipment:

Contractor shall deploy all personnel, equipment and facilities necessary for successful completion of the work and fulfilment of the Production Guarantee. The requirement of minimum personnel and minimum equipment are listed in **ANNEXURE-I & ANNEXURE-II** respectively.

A7.0 Experimental Programme:

A7.1 All necessary experiment and other tests to determine optimum field parameters (charge and depth optimisation) shall be performed prior to commencement of 2D and 3D seismic data acquisition in both the crews individually. The tests shall be carried out as per the international practice in the Seismic Industry. It may be required to carry out certain field test at the request of the Company. Any time spent on such experimental work on request by OIL, will be paid on a pro-rata basis as experimental recording per day rate quoted by Contractor (for 2D and 3D survey as applicable respectively).

A7.2 Experimental work is for analysis and minimization of noises, optimization of charge size etc. towards acquisition of quality data. Contractor shall submit data along with detailed report on the completion of entire experimental work for individual crews

separately. The Company will give its views within 24 hours of the receipt of the report on experimental shooting. The seismic production shooting (i.e. both 2D & 3D data acquisition) will not start unless the Company is satisfied with the results of experimental work.

A8.0 Data / Cartridge Liability:

A8.1 The contractor shall provide all the data as per the format & media as mentioned in clause A9.6.2 of this section below. Additionally, the seismic data recorded in the operational area should compulsorily be copied /recorded offline on a continual basis at the Base camp using a standard copying software (data integrity must be maintained during copying) on one number of Network Attached Storage (NAS) Devices or equivalent with RAID-1 configuration.

A8.2 Contractor shall be solely responsible for quality, loss or damage due to any reason including fire, theft, etc. of any documents / cartridge / soft copies and other important documents / CDs/DVD etc. pertaining to the tender while in their custody or control. In the event of such loss, the Contractor shall be responsible to address / re-shoot the loss entirely at his own cost. However, the decision on the modalities to address / re-shoot against such losses shall be entirely at the discretion of Company. The Contractor shall use original, high quality, high durability; error free data cartridges with zero write-skip error, zero read error and zero write error. Each and every cartridge is to be 100% tested to ensure error free performance at specified high recording density. It should be ensured that the integrity of the data copied / recorded offline on the NAS storage devices is preserved and checked for the entire volume of data.

A9.0 Deliverables and Schedule of Performance:

A9.1 Contractor shall maintain their equipment in perfect working condition and shall submit to Company Daily, Weekly and Monthly Reports of the performance of the equipment and the field status. Contractor shall have the facility and capability to provide their performance reports at the site. If Company Representative determines that the Work or equipment is not within Contractual specifications, Contractor shall suspend the operations until Company Representative is satisfied that the Work and equipment meets the required standards. No payment shall accrue to Contractor during the period in which work is suspended as aforesaid.

A9.2 Contractor shall submit a detailed report on the results of Experimental Trials and selection of the field parameters within 48 hours of the completion of the experimental work. Company will advise in writing the production recording parameters within 72 hours of the receipt of the report. Seismic production recording will not start until Company advises Contractor of the Production Parameters in writing.

A9.3 Contractor shall submit to Company a Weekly Report on quality control of the data and performance of the crew for the work conducted during the week. Contractor

will carry out field QC processing of the data and include the results in this report. If Company Representative determines that the data have not been acquired within the specifications defined in the Contract then, Contractor will be required to record these data again. This Work will be entirely on Contractor's account.

A9.4 Contractor will provide necessary fold plots, offset and azimuth diagrams of the previous days recording to Company representative in a timely manner. The Company representative must approve all offsets to the planned recording in advance. The Production recording will only start after Company representative approves the previous day's results.

A9.5 Every day after completion of shooting, the Contractor will provide necessary QC attributes plots/data, fold distribution along the line to the Company representative resulting from day's shooting. In case of skip shots points, the Contractor shall make plan for appropriate recovery shots towards recovering the loss of geophysical attributes. The Contractor will put all-out effort to take recovery for each shot skipped at the nearest possible point. Any skip of shot, which is not recovered & not certified by Company representative, will be re-shot by the Contractor at its own cost. The Company representative must be satisfied with the action taken in case of anomalies. The production shooting for the day will only start after the Company representative is satisfied with these results.

A9.6 Reports and Deliverables:

A9.6.1 Contractor shall submit the following reports as mentioned:

A9.6.1.1 Daily Report consisting of:

- Daily survey progress, cumulative progress in the 2D and 3D block, % of total planned in all blocks.
- Daily field test reports.
- Daily recording progress, cumulative progress in the 2D and 3D block, % of total planned in all blocks.
- Regular similarity tests
- Daily LVL/up-hole survey progress, cumulative progress in the 2D and 3D block, % of total planned in all blocks.
- Daily quality control reports.
- Daily report on fixing of Benchmarks, cumulative progress in the 2D and 3D block, % of total planned in all blocks.
- Reports on HSE issues.

A9.6.1.2 Weekly Report consisting of:

- Weekly and Cumulative progress of the survey in the 2D and 3D block, % of total planned in all blocks.
- Weekly and Cumulative progress of recording, cumulative progress in the 2D and 3D block, % of total planned in all blocks.

- Weekly and Cumulative progress of LVL/Up-hole survey, cumulative progress in the 3D block, % of total planned in the all blocks.
- Quality Control including stacks generated – in A4 size
Weekly and Cumulative report on fixing of Benchmarks, Cumulative progress in the 2D and 3D block, % of total planned in all blocks.
Maps in A3 size, showing the weekly and cumulative progress of the following;
 - Map 1 - Survey
 - Map 2 - Recording
 - Map 3 - LVL & Up-hole Survey
 - Map 4 - Fixing of Benchmarks
- Summary of data transmitted to Company
- Summary of Health, Safety & Environment and Security related issues and their status and actions taken/to be taken
- Report on Crew change
- Report on correspondence with district authorities
- Report on the consumption of the consumables
- Report on Import/Export of the material/consumables

A9.6.1.3 Monthly Report consisting of:

- Monthly and Cumulative progress of survey in 2D & 3D block, % achieved of total planned in the all blocks.
- Monthly and Cumulative progress of recording in 2D & 3D block, % achieved of total planned in the all blocks.
- Monthly and Cumulative progress of LVL & Up-hole, % achieved of total planned
- Quality Control reports and seismologist report
- Quality control including stacks generated – in A4 size
- Summary of data transmitted to Company
- Intersection information with survey and statistics mismatch, if any
- Monthly and Cumulative progress on fixing of Benchmarks, cumulative progress in the 2D & 3D block, % of total planned in all blocks.
- Cumulative progress on fixing of Benchmarks against the contract, % of total planned against the Contract
- Figures of Benchmarks established with co-ordinates and sketches with local cultural information
- Maps in A3 size showing the monthly & cumulative progress of the following:
 - Map 1 - Survey
 - Map 2 - Recording
 - Map 3 - LVL & Up-hole Survey
 - Map 4 - Fixing of Benchmarks
- Summary of Health, Safety & Environment and Security issues, status, statistics and remedial actions taken.
- List of visitors
- List of all personnel (Foreign & Indian), equipment available and working
- Report on Crew change
- Report on correspondence with district authorities
- Report on the consumption of the consumables
- Report on Import/Export of the material/consumables

A9.6.1.4 Data Delivery:

Contractor will submit/deliver the recorded data along with all the relevant data as mentioned in 9.6.2 at Bhubaneshwar with no additional cost to Company.

Contractor must ensure that the copies of the all the data are safely transported and delivered to OIL

A9.6.1.5 Final Operational Report: Contractor will submit three (3) hard copies and three (3) soft copies on CDs of final Operational report. Contractor will submit a draft copy of the report within fifteen (15) days of completion of the data acquisition in the block. The Final Report to be submitted within seven (7) days of receipt of the draft report by the Company incorporating Company's views/suggestions on the draft report. Report must include:

- Review of the geophysical objectives and success of the project in meeting the objectives
- Field experiment procedure and results
- Recording parameters
- QC during data Acquisition
- Sample field record, up-hole plots, refraction profiles
- Base Map, Coverage Map, Full fold Coverage map, LVL & Up-hole location map, Reference Pillar map (A4 size)
- Quality Control including stacks generated – in A4 size (every 100th Inline and 100th Cross line of the total volume)
- Survey production statistics
- Statistics viz. Offset Distribution, Azimuth Distribution
- Report on Crew change
- Report on correspondence with district authorities
- Summary of data transmitted to Company
- Number of Benchmarks established with co-ordinates and sketches with local cultural information
- Summary of Health, Safety & Environment and Security issues, status, statistics and remedial actions required.
- List of visitors
- Mobilization and Demobilization schedule and performance
- Consumption of the consumables
- Import/Export of the material/consumables
- Conclusions and Recommendations

A9.6.1.6 Final Topographical Survey Report: Contractor will submit three (3) hard copies and three (3) soft copies on CDs of final Topographical Survey Report. Contractor will submit a draft copy of the report within fifteen (15) days of completion of the Block. The Final Report to be submitted within seven (7) days of receipt of the draft report incorporating Company's views/suggestions on the draft report. Report must include:

- Topographical survey Methodology.
- Parameters used in the Survey
- Equipment used in the Topographical Survey
- Personnel involved in the Topographical survey.
- Methodology and parameters used for co-ordinate transformation.

- Network Survey.
- Quality control measures for the Topographic Survey.
- Statistics of the Topographic Survey.
- Statistics of all the reference pillars/control points which were fixed/used during the course of the Survey.
- Line sketches
- Sketch diagram of all the reference pillars and control points.
- Base Map, LVL & Up-hole Location map, Reference pillar map (1:50,000 scale).
- Conclusions and Recommendations.

A9.6.1.7 Final Acquisition Report: Contractor will submit three (3) hard copies and three (3) soft copies on CDs of final Acquisition report. Contractor will submit a draft copy of the report within fifteen (15) days of completion of the data acquisition in the Block. The Final Report to be submitted within seven (7) days of receipt of the draft report incorporating Company's views/suggestions on the draft report. Report must include:

- Review of the geophysical objectives and success of the project in meeting the objectives
- Field experiment procedure and results
- Recording parameters
- Equipment used in seismic data Acquisition
- Pre-Acquisition Planning
- QC in Field during data Acquisition
- Post-Acquisition QC
- Statistics Calculation Methodology
- Statistics of all the Up-hole and LVL Profiles, Data of all the LVL and Up-holes
- Plots of all LVL and Up-holes interpretation (A4 size)
- Field QC Processing
- Processing Flow
- Plots for the QC Check and Parameter selection of QC Processing
- Quality Control including stacks generated – in A4 size (every 50th Inline and 50th Cross line, Time Slice every 200ms of the total volume)
- Statistics viz. Offset Distribution, Azimuth Distribution
- Details of the delivery of the seismic & survey data (Tape List, CD list etc.)
- Base Map, Coverage Map, Full fold Coverage Map, Offset Distribution Map, LVL & Up-hole Location Map (A4 size)
- Base Map, Coverage Map, Foldage Maps LVL & Up-hole Location Map (1:50,000 Scale)
- Conclusions and Recommendations

A9.6.2 Contractor shall submit the Seismic & Survey data as per the delivery schedule mentioned below:

Srl. No.	Item	Media (Copies)	Remarks
1	Raw Seismic Data	3592 tape (2) and LTO-5(2)	Within 10 days of completion of the profile/swath
2	SPS files, observer's reports with shot-receiver geometry, statics,	CDs (2)	Within 10 days of completion of the

	skip-recovery, edits, recording parameter, up-hole and LVL profiles in a format acceptable to Company.		profile/swath
3	Survey data in UKOOA, ASCII format, up-hole and refraction profiles, (in CDs).	CDs (2)	Within 10 days of completion of the profile/swath
4	Base maps showing Cumulative progress of Recording, Survey, Uphole & LVL, fold coverage map, Up-hole & LVL location Map (in 1:50,000 scale).	Paper (1)	Within 10 days of completion of the profile/swath
5	a) Seismic Data b) SPS files, observer's reports with shot-receiver geometry, statics, skip-recovery, edits, recording parameters, up-hole and LVL profiles in a format acceptable to Company. c) Survey data in UKOOA, ASCII format, d) Maps in PDF: Base maps, fold coverage map, up-hole & LVL location map, Reference pillar map e) Tape List	Portable USB Drive (1)	Within 10 days of completion of the profile/swath
6	a) SPS files (r, s, x Files) with shot & receiver statistics b) Observer's report c) Recording Parameter d) Header information of Seismic Data e) Skip/Recovery Information f) LVL & Up-hole Profiles/Statistics g) Survey data of Shot & Receiver in UKOOA & ASCII Format h) Final Maps in PDF format (In 1:50,000, 1:100,000 & 1:250,000) - Base Maps - Fold coverage map - Up-hole & LVL location Map - Reference pillar map i) Reports - Weekly reports - Monthly reports	CD or DVD (2)	Within 15 days of completion of data acquisition (2D and 3D) in the block

	<ul style="list-style-type: none"> - Final Operational report - Final Topographical Survey - Final Acquisition Report - Tape List 		
7	a) Raw Seismic data of the entire block b) SPS files (r, s, x Files) with shot & receiver statistics c) Observer's report d) Recording Parameter e) Header information of Seismic Data f) Skip/Recovery Information g) LVL & Up-hole Profiles/Statistics h) Survey data of Shot & Receiver in UK00A & ASCII Format i) Final Maps in PDF format (Scales : 1:50,000, 1:100,000 & 1:250,000) <ul style="list-style-type: none"> - Base Maps - Fold coverage map - Up-hole & LVL location Map - Reference pillar map j) Reports <ul style="list-style-type: none"> - Weekly reports - Monthly reports - Final Operational report - Final Topographical Survey Repost <ul style="list-style-type: none"> - Final Acquisition Report - Tape List 	Portable USB Drive (2)	Within 15 days of completion data acquisition (2D and 3D) in the block
8	Maps-3 copies in each Scale (two copies on paper and one on film) Scales : 1:50,000, 1:100,000 & 1:250,000 <ul style="list-style-type: none"> - Base Map - Coverage map - Location map LVL & Up-hole - Reference pillar map Scales : 1:50,000, 1:100,000 & 1:250,000	Two on paper & one on film (3)	Within 15 days of completion data acquisition (2D and 3D) in the block
9	a) Geometry Applied Seismic data of the entire block in std. SEG Y format	3592 Tape (2) and LTO-5(2)	Within 15 days of completion data acquisition (2D and 3D) in the block
10	a) Final Geometry Files in ASCII	CD or DVD	Within 15 days of

	b) Final Trace kill table c) Final Velocity d) Final Brute Stack (For Each Profile in 2D/3D Volume in Std. SEG Y format)	(2)	completion data acquisition (2D and 3D) in the block
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A10.0 Quality of work / Bad Records:

A10.1.1 Contractor shall carry out the services in a fully professional manner and warrant that the information produced shall be of a quality acceptable to the Company. Should the information produced be of a quality not acceptable to the Company, the Contractor will undertake to re-perform that part of the services causing dissatisfaction at their own expenses. Company's standard for the performance shall be as per by the IAGC standard.

A10.1.2 Company reserves the right, before commencement of data acquisition, to inspect and approve Contractor's equipment after it is completely assembled and ready for work.

A10.1.3 Company also reserves its rights to inspect the Contractor's equipment at any time during operation. Any equipment found short/defective shall be replaced within the shortest possible time but not later than six weeks without disruption of the work assigned under the tender. No extension will be granted in the tender on these grounds. Any equipment found defective or unserviceable more than two times during the tenure of the tender will be replaced by the Contractor forthwith at their own cost. The time for replacement shall not be more than six weeks from the date of default identified by the Company. No payment will be made if operations have to be suspended on account of non-availability of equipment.

A10.1.4 Company reserves the right to examine status report of the Field QC Processing System before commencement of work. The work will start only when the Company representatives are satisfied with the same.

A10.1.5 The following production field records will be considered as Bad Records. Contractor shall re-record to replace such bad records without any extra cost to Company.

- Record with more than two percent noisy or dead traces or polarity reversal.
- Records containing more than four consecutive noisy / dead traces or polarity reversal
- Record with sync or parity errors
- Record with appreciable cross-feed /leakage or spread noise

Traces that are noisy due to cultural sources of noise that Contractor has made his best efforts to make quiet will not be counted as bad.

A10.1.6 Contractor will carry out Noise tests minimum twice a day.

A10.1.7 Contractor will make all necessary arrangements for the noise free spread during Seismic data Acquisition.

A10.1.8 If the signal to noise ratio is not acceptable due to poor loading depth or otherwise which is under control of the Contractor, the same shall be re-shot by the Contractor.

A10.1.9 Records defined in A10.1.5 to A10.1.8 shall be considered as bad records and the Contractor shall re-shoot such bad records. Re-shooting cost would be entirely to the Contractor's account.

A11.0 Equipment Test and Calibration:

A11.1 A set of daily tests for recording equipment shall be recorded on tapes before the start of daily operation. Company Representative must be advised if there are any results that do not conform to manufacturer's specification.

A11.2 A set of Start-up and monthly tests specified by the manufacturer shall be conducted prior to the commencement of survey and at monthly intervals. These tests shall be evaluated and result of the same should be given to Company's representative within 24 hours of the test carried out.

A11.3 Equipment calibration of all systems is Contractor's responsibility. A complete calibration shall be carried out at the start of the survey and as and when required. Documentary evidence of the calibrations shall be made available to Company representative.

A11.4 Geophone response shall be carried out regularly to the satisfaction of Company representative.

A11.5 Contractor shall arrange all the monitoring and calibration equipment required to check the performance of seismic recording unit and all other accessories including cables and geophones on a regular basis.

A12.0 Special Obligations of Contractor:

A12.1 Contractor at their cost shall arrange the import clearance of all equipment, spare parts, consumable etc. from customs and port authorities in India. IGST as applicable on imports shall be borne by Contractor. Company shall provide all reasonable assistance viz. Any demurrage in this process will be at Contractor's cost. Contractor's request for any documentary assistance from Company shall be made well in time. For this purpose, Contractor should submit the duly authenticated import invoice highlighting the items with CIF value required to be imported in connection with survey work.

A12.2 Contractor shall arrange for inland transportation of all equipment etc. from the port to the place of work and back at the end of the work at their own expense.

A12.3 Contractor shall arrange at their own cost all consumables and spares including papers, photographic materials, magnetic tapes/cartridges, and other consumables and spares needed for the work and shall carry sufficient stocks of these for uninterrupted operation.

A12.4 Contractor shall use cartridge tapes tested for zero error.

A12.5 Field data cartridges for the experimental data will be provided to Company at no extra cost.

A12.6 Contractor shall arrange both lodging and boarding facilities for **three (3)** Company Representatives at no extra cost during data acquisition phase. The camp facilities to Company's representatives shall be at par with senior expatriate staff.

A12.7 Contractor, at their own cost, shall arrange two (2) numbers of 4 x 4 wheel drive air-conditioned vehicles in good condition exclusively for use of Company representatives in the field. Contractor will also provide a separate vehicle for OIL's crew change, liaison jobs etc. Vehicles must be provided with driver, fuel, maintenance, repairs etc. for seismic work supervision. These vehicles must have mobile radio to communicate with base camp or field sites. The camp site should be nearer to operational area.

A12.8 During data acquisition, Contractor shall ensure minimum eight (8) working hours work on each working day excluding travel time. Two days in a calendar month are allowed for maintenance of equipment, if desired, by Contractor, but no payment will be due for the same and this cannot be carried forward to next months.

A12.9 Contractor shall keep their equipment and accessories used in seismic data acquisition on good working order and shall begin the survey with adequate supply of spares for the equipment.

A12.10 Contractor shall arrange drinking water and its transportation to the camp site/field at their own cost.

A12.11 In case Contractor imports equipment on re-export basis, they must ensure for re-export of the equipment and all consumables and spares (except those consumed during the contract period) and complete all documentation required. Company will issue necessary certificates etc. as required.

A12.12 Any other works required for efficient and successful execution of work shall be carried out by Contractor except those enumerated under the obligations of Company defined in A14.0 of this Section.

A12.13 Contractor shall use latest versions of all software packages during the period of the contract. The Contractor will obtain all the necessary Radio Licenses for shooting, communication etc. However, the Company will provide all reasonable administrative helps/letters.

A12.14 Contractor shall furnish the list with Bio-Data of key personnel proposed to be deployed prior to the commencement of work. The Bio-Data shall include the name, nationality, qualification, experience and passport details of the personnel.

A12.15 Contractor will inform Company fifteen days in advance regarding the crew change during the execution of this contract.

A12.16 Contractor's key technical personnel and expatriate must be proficient enough to communicate in English.

A12.17 Contractor's personnel must be sound enough to provide the above services as per international standard, failing which Company reserves the right to ask for removal of any personnel (at Contractor's cost) with 24 hours' notice.

A12.18 **All claims, if any, for the loss or damage to standing crops, land/property etc. resulting directly from operations under the contract will be borne and paid by Contractor.**

A12.19 The main recording equipment should be housed in a properly insulated, air-conditioned cabin, mounted on a truck. The truck should be capable of moving in sand dune areas.

A12.20 Security of fly/base camp, field seismic operations etc. will be the responsibility of the Contractor.

A12.21 Contractor shall keep their equipment in good working condition and shall begin the survey with adequate supply of spares for the equipment.

A12.23 Contractor shall make necessary arrangement for supply of electricity, high speed internet and medical facility etc. at camp/site at their own cost including for OIL representatives.

A12.24 Contractor shall keep all the recorded data in an air-conditioned room free from dust and hand over to Company approximately on fortnightly basis at Project office.

A13.25 Contractor shall provide necessary safety cloth, appliance etc. to all seismic field personnel engaged in above field operations including OIL's representatives and shall follow statutory norms applicable for such operation under labour laws in India.

A12.26 For recruitment of un-skilled labours, Contractor should ensure preference to local personnel from operational area. Contractor must ensure the rules/guidelines of the State Govt. of Odisha and Central Govt. of India for the labour recruitment are strictly followed.

A12.27 Contractor shall remove any undesirable work person deployed by them as and when asked by Company representative and shall provide replacement within 24 hours at their own cost.

A12.28 The field time schedule for day-to-day operation will be mutually decided by Contractor and Company.

A12.29 Contractor shall ensure noise free spread as far as possible during the actual recording period.

A12.30 Contractor's representative shall maintain contact with Company's representative at recording site during the shooting operations and shall arrange for checking and subsequent replacement of bad cables/geophones. Contractor's representative shall also be available at base camp as and when needed.

A.12.31 The wooden pegs with ground marking should be available at the measured shot points and geophone/ground stations at the time of shooting along the particular seismic line. The minimum height of the wooden pegs must be four (4) feet above ground level.

A12.32 Contractor shall pay compensation against all claims for the loss or damage to standing crops (if any), land/property and access etc. resulting from operations under this contract. Payment against claims (if any) for such loss/damage resulting from negligent operations by Contractor's personnel will also be on Contractor's account. Any production/time losses on account of compensation related issues will be the sole responsibility of the Contractor. After completion of 2D and 3D data acquisition, Contractor must furnish an undertaking to Company that they have already paid all claims related to standing crop/ land/property damages etc. to the claimants/owners appropriately and no compensation/ dues is pending for settlement. Contractor will also furnish undertaking to address any compliant/grievance received by Company within one year of completion of the survey. Contractor must comply with all local, state and central government guidelines for the payment of the compensation, if any.

A12.33 Contractor must comply with all local, state and central government Health, Safety and Environmental (HSE) regulations. Contractor must conform to the HSE standards of international Geophysical Industry.

A12.34 The Contractor should arrange for re-export of equipment within 60 days of Notice of demobilization issued by the Company/ completion of Work.

A12.35 Contractor should provide the list of items to be imported in the specified format. Basic Customs duty will not be applicable in this instant as the operational area is part of an OALP block awarded to OIL. However, the contractor has to submit the value of the items as specified (the hardware and software should be shown separately) in Proforma –A to the Company. Customs duty on any items in addition to above will have to be borne by the Contractor . However, the Contractor will submit the undisputed and clear necessary documents/duty assessment papers to Company for any such additional items imported under this tender.

A 12.36 The Contractor will obtain all the necessary Licenses for set up of portable explosive magazine for storage of Explosive/ Detonator. Contractor will arrange for necessary Security for storage, transportation and field use of explosive/detonators. The contractor will ensure proper documentation regarding daily reporting of consumption of explosive/detonators as per

PESO guideline and submit PESO return statements as proof of actual consumption along with Monthly invoice(s) to be submitted to OIL. However, the Company will provide all reasonable administrative help/letters.

A 12.37 Contractor shall arrange for maintenance of all its base/fly camps, portable explosive magazine, all equipments and spares at their own cost during off season i.e. monsoon break (generally between July to September months of a calendar year). Company shall not pay **Standby, Force Majeure** or any **separate charges** during this off-season period.

A12.38 Proper Security in the camps / explosive magazine sites, transportation in field / loading and all related field / spread operation shall be arranged by the Contractor at its own cost and risk.

A12.39 Accommodation, transportation to field site/camps and other necessary camp amenities, wages/salaries etc for the security personnel deployed by Contractor for its camps/explosives magazine sites etc. shall be the responsibility of the Contractor at its own cost.

A12.40 It shall be the sole and exclusive single responsibility of the Contractor for the implementation and execution of the tender and that the Contractor shall also be liable for the work carried out by any of its assignee(s)/agent(s)/Contractor(s)/sub-Contractor(s), provided it is permissible under the contract. The appointment of an agent or sub-Contractor shall not in any way dilute the obligation/responsibility of the Contractor towards Oil India Ltd. in any manner.

A12.41 **EXPLOSIVES AND DETONATORS:** Contractor shall arrange to procure, store and transport requisite quantity of explosives and detonators at its risk, cost and responsibility. Contractor shall use Explosive and Detonators as per the specifications mentioned. The Contractor has its responsibility to arrange at its own cost the necessary permit / license to store/transport and use explosives and detonators. Contractor shall arrange at its own cost explosive & detonator transport facility (explosive carrying vehicle approved by Explosive Controller, Govt. of India) as per country's industry law and practices. Contractor shall be responsible for handling, loading and blasting of shots in shot holes by engaging authorized licensed personnel and for maintaining records of consumption and stock of explosives and detonators.

A12.42 Contractor at their own cost shall arrange the clearance of all equipment, spare parts, consumable, etc. from customs and port authorities in India. Company will provide all reasonable assistance but the responsibility for clearance will rest with the Contractor. Any demurrage in this process will be at Contractor's cost. Contractor shall arrange for inland transportation of all equipment, etc. from the port to the place of work and back at the end of the work at their own expenses. Arrangement for waybill, Entry Tax / VAT etc. if applicable, for bringing Contractor's equipment / material to Work place shall be Contractor's responsibility.

A12.43 Contractor shall arrange at their own cost all consumables & spares including papers, photographic materials, magnetic tapes/ cartridges, loading poles, cap wires and all other

consumables and spares needed for the work and shall carry sufficient stocks of these for uninterrupted operation.

A12.44 Contractor shall use cartridge tapes tested for zero error. Contractor shall maintain proper accounts of the consumption of explosives and detonators and shall submit daily, weekly and monthly consumption/ stock statements to the Company. All the field tapes / cartridges of experimental data (both hard & soft copies) will be provided to Company at no extra cost.

A12.45 Contractor shall arrange both lodging and boarding facilities along with internet and telephone connection for three (3) Company Geophysicists/Representatives at no extra cost at campsite during data acquisition phase. The camp facilities to the Company's representatives shall be at par with their senior most staff.

A12.46 Contractor shall arrange three air-conditioned vehicles with all safety features exclusively for use of Company representatives with driver, fuel, maintenance, repairs, etc. at their own cost during the contractual period.

A12.47 During data acquisition, Contractor shall ensure minimum 8 working hours work on each working day excluding travel time. Two days in a calendar month are allowed for maintenance of equipment, if desired, by the Contractor, but no payment will be due for the same and this cannot be carried forward to next months.

A12.48 Contractor shall keep all their equipment and accessories used in seismic data acquisition in good working order and shall begin the survey with adequate supply of spares for the equipment.

A12.49 The Contractor shall arrange drinking water (mineral water) for daily use and its transportation to camp/site at their cost for OIL's representatives.

A12.50 In case the Contractor imports the equipment etc. on re-export basis, the Contractor shall ensure for re-export of the equipment and all consumables and spares (except those consumed during the tender period) and complete all documentation required. Company will issue necessary certificates etc. as required.

A12.51 Any other works required for efficient and successful execution of work shall be carried out by the Contractor except those enumerated under the obligations of the Company defined below.

A12.52 Contractor should provide the list of items to be imported in the specified format. Basic Customs duty will be applicable in this instant as the Blocks are OALP blocks. However, the Contractor has to provide the CIF value of the items as specified (the hardware and software should be shown separately) to the Company. Customs duty on any items in addition to above will have to be borne by the Contractor. However, the Contractor will submit the undisputed and clear necessary documents/duty assessment papers to Company for any such additional items imported under this tender.

A12.53 The Contractor should arrange for re-export of equipment within 60 days of notice of demobilization issued by the Company/ completion of Work.

A12.54 The Contractor should use latest versions of all software packages during the period of the tender. All the necessary Radio licenses for shooting, communication etc. will be obtained by the Contractor. However, the company will provide all reasonable administrative helps/letters.

A12.55 The Contractor shall furnish the list with Bio-data of key personnel proposed to be deployed prior to the commencement of Work. The bio-data shall include the name, nationality, qualification, experience, valid e-mail and passport details of the person.

A12.56 The Contractor's expatriate and technical personnel must have thorough knowledge of writing & speaking English language.

A12.57 The Contractor's personnel must be sound enough to provide the above services in international standard, failing which Company reserves the right to ask for removal of any Contractor's personnel with 24 hours notice.

A12.58 Any other work required for the efficient and successful execution of work shall be carried out by the Contractor except those enumerated under the obligation of the Company defined in A 13.0.

A12.59 Necessary permissions/clearances from the Govt. authorities for carrying out seismic surveys within the block will be obtained by the company.

A12.60 The main recording equipment should be housed in a properly insulated, airconditioned cabin, mounted on an eco-friendly truck. The truck should be capable of moving in difficult terrains.

A12.61 Security of fly camps, Contractor's equipment etc. will be the responsibility of the Contractor. Contractor will provide accommodation, transportation, uniform with safety gadgets and other facilities to security personnel for providing security of the base camp and explosives during field operations.

A12.62 The explosives vans and explosive jeeps of the Contractor should be as per the industry standard and certified by the competent explosive authorities concerning the area of operation. The Contractor should have personnel with proper shot firer license certified by the Chief Controller of Explosives, India, for all aspects of seismic survey operations dealing with explosives.

A13.0 Special Obligations of Company:

A13.1 Company shall be responsible for obtaining and administering the Petroleum Exploration Licenses (PEL). Administrative help will be provided by Company for radio frequency clearance and any entry permits for all expatriates required for the work. Contractor shall provide the required details of the expatriates for their permits well in advance.

A13.2 Contractor shall, however, arrange clearance of all items from customs and port authorities in India and shall pay all requisite demurrages, if any, clearance fees/ charges,

port fees, clearing and forwarding agent fees/charges, inland transport charges, etc. Company shall provide all reasonable assistance by issuance of necessary letter of authority or other relevant documents and necessary help.

A13.3 Company shall provide documents necessary for clearance from local, state and central government departments or undertakings and will extend all assistance and necessary help to Contractor. Contractor will give Company fifteen (15) days advance notice and provide all related documents and invoices for providing recommendatory letters for Essentiality Certificates (EC) from the Directorate General of Hydrocarbons, Noida, (U.P). Any financial consequence due to delay in obtaining clearances will be to Contractor's account.

A13.4 Company shall organize all possible help from local governments and Administrations for Contractor's personnel and equipment in case of natural disaster, civil disturbances and epidemics.

B.1.0 SEISMIC DATA PROCESSING:

B1.1 Scope of Work:

The Contractor shall carry out processing of total quantum of 2D seismic data of 500 LKM (in OALP-II block MN-ONHP-2018/2), 350 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/1) and 260 Sq. Km. of 3D seismic data (in OALP-II block MN-ONHP-2018/2) acquired under this Contract. The Contractor must use state-of-the-art computer system with internationally used software, which will be capable of carrying out Pre-stack 2D and 3D time migration and experts having adequate experience in carrying out similar jobs.

B1.2 Company reserves the option to increase/decrease the volume for 2D and 3D Seismic Data Processing up to $\pm 20\%$ of the tender quantity of 500 LKM and 610 Sq.KM respectively. In case of any increase/decrease in quantum, it will be obligatory on the part of the Contractor to carry out the job at the same rate, terms & conditions of the contract.

B1.3 The objective of seismic data processing is to provide adequate outputs for structural and stratigraphic interpretation, reservoir delineation/characterization etc.

B1.4 The 2D and 3D seismic data volume shall be processed to bring out the structure, faults, stratigraphy, lithology and internal variations at both deeper and shallower levels. The area is expected to have variation in weathering layer velocity and thicknesses and sub-weathering velocity as well, so application of proper statics/residual statics is necessary for proper delineation of prospects.

The following tentative processing sequence is envisaged to process both 2D and 3D seismic data. However, the actual sequence will be determined after completion of test processing in consultation with Company representatives. Addition/deletion of sequence as per data improvement would not add extra cost to OIL after test processing. It is also envisaged that the data will be processed for preserved/true amplitudes.

Time Domain Processing:

A. Tentative Processing Sequence for Pre-stack Time Migration (Pre-STM) of both 2D and 3D Seismic Data:

1. Reformat to internal format
2. Geometry preparation and QC.
3. Trace editing
 - i. Discard noisy traces
 - ii. Reverse polarity corrections
 - iii. Despiking
4. Computation of Refraction statics using Delay time, Head wave & diving wave tomographic methods etc. Compare Refraction statics solution with Elevation & Field statics and application of the one producing best results.
5. Amplitude Recovery analysis & Application (Spherical Divergence, Time function etc.)
6. Random & coherent noise attenuation (in multiple domains)
7. Surface Consistent Deconvolution (X-T or Tau-P domain)
8. Surface Consistent Amplitude Compensation
9. 1st pass velocity analysis (every 1000 m)
10. Residual Statics computation & application
11. 2nd pass velocity analysis (every 500 m)
12. Residual Statics computation & application
13. 3rd pass velocity analysis & Residual statics calculation (as required in consultation with company's representative)
14. Multiple attenuation
15. Residual Noise attenuation (in multiple domains including Offset domain)
16. Common offset regularization & interpolation
17. Q compensation (Phase & Amplitude)
18. Initial Kirchhoff PSTM (generation of initial migrated gathers & stack)
19. Migration velocity analysis on migrated gathers (every 250 m)
20. Final Kirchhoff PSTM with migration velocity
21. Acquisition footprint removal
22. Residual Noise attenuation
23. Multiple attenuation
24. Residual move out analysis & application
25. High density automatic velocity analysis
26. Final PSTM stack
27. Zero phasing of PSTM gathers & preparation of zero phase stack
28. Preparation of angle stacks (Near, Mid & Far)-should be compliant for Reservoir Geophysical studies.

B. Post Stack Processing:

- i. Deconvolution after stack for spectral enhancement and remnant multiple attenuation
- ii. Random Noise Attenuation
- iii. Remnant linear noise attenuation
- iv. Time variant filter
- v. Spectral balancing
- vi. Coherency enhancement

- vii. Residual spatial and temporal amplitude compensations
- viii. Scaling

B1.5 The above-mentioned processing sequence is just illustrative and the successful bidder will have to work out the best applicable sequence by carrying out test processing (maximum 10% of both 2D and 3D seismic data taken up for processing) to decide the final processing sequence. The bidders have to propose their choice of Processing sequence and spell out the various test processing jobs to be carried out to bring out the final processing sequence, keeping in view of the objectives & problems specified above.

B1.6 Company representatives will be associated with the processing at all stage and Contractor shall ensure simultaneous transfer of relevant technical knowledge and skill.

B1.7 The contractor also need to arrange for smooth transition of raw seismic data from seismic crew to processing group after completion of each profile/swath as processing will be done concurrently during ongoing field acquisition.

B2.0 Start & Completion of Processing Work:

B2.1 The Contractor is required to start the processing of the seismic data within **07 days** of completion of seismic data acquisition in each profile/swath in the block. Contractor shall collect and transfer seismic and other relevant data from respective field crew to its Seismic Data Processing Centre at their own cost. The processing job should start immediately on arrival of the data set in their processing Centre. **The processing should be completed within three (3) months from the date of last segment of data delivery from field crew to processing centre under intimation to OIL. The entire tender volume of acquisition and processing of 2D & 3D seismic data will have to be completed within the contractual duration of eighteen (18) months from issue of letter of award (LOA).**

B2.2 Time is essence of this project. Hence, in order to expedite the processing work, Contractor shall initiate preliminary processing jobs concurrently along with periodical completion of Data Acquisition in individual profile/swath. However, this will be limited to data loading, Geometry update, QC, update of Navigation data, editing of the acquired seismic data, initial velocity picking etc. of the profiles/swaths on which data acquisition completed.

B2.3 In the event of Contractor's default in completing the data processing jobs within the stipulated time frame as mentioned in the contract, liquidated damages will be levied as per general conditions of the contract.

B3.0 Personnel and Equipment:

B3.1 The processing work needs to be supervised by an experienced processing Manager. He/she must have in-depth knowledge and at least 10 years work experience of land 2D and 3D seismic data processing.

B3.2 The Contractor, at their own expense, may provide expert R&D staff for consultation at the processing centre during parameters selection for processing at the beginning of the work, and subsequently during the course of work as and when required.

B3.3 The Contractor shall carry out detailed tests of the processing parameters so that optimum sequence/parameters can be achieved. The tests need to be carried out as per industry standards. It is envisaged that such test processing will be done on about ten (10) percent of total 2D and 3D seismic data acquired in each block. The final processing sequence/parameter will be applied to entire data volume after the approval/clearance from the Company representatives.

B3.4 The Bidder shall provide a list of the hardware and software, along with the vintages/version that they shall deploy for the entire processing job. Also, the place/processing centre where the entire processing job will be carried out must be confirmed in the Technical Bid.

B3.5 The hardware and software component proposed to be deployed for seismic data processing should be state of the art commensurate to achieve deliverables up to Pre-STM as specified in Scope of Work. Bidder must ensure that all hardware/software proposed for deployment to execute processing work need to be covered under Annual Maintenance Contract (AMC) from respective OEM (in case of third party) during the project period.

B4.0 Deliverables and Schedule of Performance:

B4.1 During the course of 3D processing, the Contractor shall carry out detailed tests of all the processing parameters so as to achieve optimum processing sequence. The results of tests need to be certified by Company representatives in the processing centre of the Contractor. The next step of the processing work will start after the test results are finalized.

B4.2 The Contractor shall provide weekly/fortnightly reports on the progress of 2D and 3D seismic data processing. The report shall include, amongst others, the steps of processing, interim test results for QC and percentage of processing accomplished till date.

B4.3 The Contractor will submit six (6) hard copies and six (6) soft copies in DVD/Portable Hard Drive of the final report of seismic data processing within fifteen (15) days after completion of processing job. The Report shall include amongst others, the details of the test of all the processing parameters with figures, persons involved in processing, CDP map in 1:50000, 1:100000 and 1:250000 scale, list of deliverables submitted, final processing flow with parameters etc. Apart from above, the Contractor will submit the following:

B4.4 Deliverables in soft copies:

A) For Pre-Stack Time Migration

- a) Two (2) sets of all deliverables with appropriate information (block wise) to be provided in each of the following mentioned media:
 - i. IBM 3592 cartridge (E05)≤ Memory Capacity 300GB
 - ii. LTO 5 cartridge
 - iii. Portable Hard Disc having RAID 1 configuration

Sr. No.	Item	Format
1	Raw data with geometry with Navigation information stamped onto SEG-Y header	SEG-Y
2	Near Surface Velocity Model & relevant maps (to map scale) (if refraction statics is applied).	SEG-Y
3	Pre-migrated CMP gathers with Navigation information, noise suppression, statics solution, gain recovery etc. applied before & after Q-compensation (if applied).	SEG-Y
4	Final Pre- migrated CMP Gathers (input to PSTM processing workflow)	SEG-Y
5	Final Pre - migrated stack section.	SEG-Y
6	Raw Pre-Stack Time Migrated Stack.	SEG-Y
7	Final Pre-Stack Time Migrated Gathers (No mute, with & without NMO) on floating datum	SEG-Y
8	Final Pre-Stack Time Migrated Gathers (No mute, with & without NMO) on final datum	SEG-Y
9	Final Pre-Stack Time Migrated Stack with & without scaling	SEG-Y
10	Final Pre-Stack Time Migrated Stacks (Near, Mid & Far "Offset /angle" sub stacks (after final noise attenuation without TVF & Gain)	SEG-Y
11	Final Migration velocity fields used for PSTM (with & without smoothing)	SEG-Y
12	Final Stacking velocity field (after High density Velocity picking)	SEG-Y
13	The zero phased Pre-stack Time Migrated Gathers (with & without NMO) & Stack section with and without scaling	SEG-Y

- b) Two (2) sets of all deliverables with appropriate information (block wise) to be provided in each of the following mentioned media:

- i. DVD
- ii. Portable Hard Disc having RAID 1 configuration

Sr. No.	Item	Format
1	Final SPS (Source, Receiver & Relation) files used for Geometry Assignment with all requisite information mapped.	ASCII
2	Trace Editing Tables and first break pick files (if refraction statics is applied).	ASCII
3	Final mute file	ASCII
4	Final Migration velocity fields used for PSTM (with & without smoothing)	ASCII

5	Final Stacking velocity field (after High density Velocity picking)	ASCII
6	SEG-Y wire frames for all the deliverables as applicable for data loading in Industry standard software packages.	ASCII
7	Base map - final Source-Receiver position & CMP location to map scale 1:50000, 1:100000 and 1:250000	CGM & PDF

- c) Six (6) sets of final Processing Report (in Word & PDF formats) block wise to be provided in DVD and Hard drive.
- d) Six (6) copies of final presentation block wise in DVD and Hard Drive.
- e) Six (6) Nos. of copies of all presentations on parameter testing, QC results & attribute plots of various workflows, their intermediate output etc. in DVD and Hard Drive.

B 4.5. Deliverables in hard copies:

- A) Six (6) nos. of Hard bound Final Processing Report block wise.
- B) Six (6) Nos. of detailed list of deliverables block wise, capturing all the descriptions in each cartridges/LTO/DVD/hard drive/ SEG-Y wire frames for all the deliverables.

Note: The final Processing report should be comprehensive in itself; as in that all the QC measures, methodologies, processes utilized, workflow/sequences (with parameters), parameterization test results are part and parcel of the report but not limited to those spelt out herein. The report should also include details of interim key processing steps illustrating efficacy of the process utilized, value addition & inferences drawn from deliverables.

B5.0 Quality of Work:

B5.1 Contractor shall carry out the services of 2D and 3D seismic data processing in a fully professional manner and warrant that the information produced shall be of a quality acceptable to the Company. Should the information produced be of a quality not acceptable to the Company, the Contractor will undertake to re-perform that part of the services at their own expense. Company's standard for the performance shall be as per by the IAGC standard.

B5.2 Company serves the right, before commencement of data processing, to inspect and approve the hardware and software of processing centre.

B.53 Company reserves the right to examine status report of the processing system before commencement of work. The work will start only when the Company representatives are satisfied with the same.

B5.4 The Contractor shall use latest versions of all software packages during the execution of the contract for processing work.

B5.5 The Contractor shall furnish the list with Bio-Data of key personnel proposed to be deployed prior to the commencement of work. The bio-Data shall include the name, nationality, qualification, experience of the personnel.

B5.6 The Contractor's key technical personnel and expatriate must be proficient enough to communicate in English.

B5.7 The Contractor's personnel must be sound enough to provide the above services in international standard, failing which Company reserves the right to ask for removal of any personnel (at Contractor's cost) with 24 hours' notice.

B5.8 Company will depute geophysicist during data processing phase. The Contractor must provide adequate working space for the Company representatives deputed during processing. Contractor must also provide access to fax, telephone and internet facilities to Company representatives at their office.

END OF SECTION –II, PART – 3

PART – 3

SECTION - III

SPECIAL CONDITIONS OF CONTRACT

1.0 ASSOCIATION OF COMPANY'S PERSONNEL:

Company's Geoscientists will be associated with the Work throughout the data acquisition phase. The Contractor shall execute the Work of seismic data acquisition, with professional competence and in an efficient workman like manner and provide Company with the standard of work, customarily provided by reputed Geophysical and Geological contractors to major international Oil Companies in the Petroleum Industry. Company will also depute its representatives to Contractor's Data Processing Centre during Data Processing Phase.

2.0 CONTRACTOR'S PERSONNEL:

Contractor warrants that it shall deploy competent, qualified and sufficiently experienced personnel to perform the work correctly and efficiently and shall ensure that such personnel observe all applicable safety requirements. Upon Company's written request, Contractor at its own expense shall remove immediately from his/her assignment any personnel determined by Company to be unsuitable and shall promptly replace such personnel with personnel suitable to Company.

IMPORTANT NOTES FOR DATA ACQUISITION PHASE:

- i) Obtaining necessary statutory clearances from Govt. Of India & Govt. Of Odisha or any other clearances as may be applicable for the foreign nationals deployed in their workforce will be the sole responsibility of the Contractor. However, company will help to the extent possible in providing any documents/certificates required in this regard.
- ii) Movement of crew personnel will be restricted to the laid down routes, camp sites and routine. Under no circumstances, shall the civilians be permitted near army installations/defence works.
- iii) Army troops deployed in the area will have the authority to check the photo identity cards, which will be provided to all Contractor's personnel by the Contractor after requisite Police verification.

3.0 PROVISION OF PERSONNEL AND FACILITIES:

- 3.1 Contractor's all personnel must have requisite experience in respective fields and should be fluent in English language. On Company's request, Contractor shall remove and replace at his own expenses, any of his personnel whose presence is considered undesirable in the opinion of the Company.
- 3.2 The Contractor shall be responsible for and shall provide/make arrangements for all requirements of their own personnel as well as for their sub-Contractors, if any, including but not limited to their insurance, housing, medical services, transportation

(both air and land), salaries and all amenities, all emigration requirement, taxes if any payable in India or outside at no extra charge to the Company.

4.0 PATENT INFRINGEMENT:

- 4.1 Contractor shall defend and hold Company harmless against any and all claims, actions and liabilities for violation of any patent or patents brought against Company and/or use of any patented processes, compositions, machines or articles of manufacture. Company shall at all times have the right to be represented by its own counsel and participate in the defense of any action in which Company is a party defendant.
- 4.2 Company shall defend and hold Contractor harmless against any and all claims, actions and liabilities for violation of any patent or patents brought against Contractor and/or Company by any third party as a result of Company's use of any patented processes, composition, machines or articles of manufacture. Contractor shall at all times have the right to be represented by its own counsel and to participate in the defense of any action in which Contractor is a party defendant.

5.0 MISCELLANEOUS PROVISIONS:

- 5.1 Contractor shall give all notices and pay all fees required to be given or paid for by any National or State statute, ordinance, or other law, or any regulation, or bye-law of any local or other duly constituted authority in relation to the performance of the services and by the rules and regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the services.
- 5.2 Contractor shall conform in all respect with provisions of any such statute, ordinance or law as aforesaid and the regulations or bye-laws of any local or other duly constituted authority which may be applicable to the services and with such rules and regulations of 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, regulations or bye-law.
- 5.3 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 wreckages, rubbish or temporary works no longer required. On the completion of the services, Contractor shall clear away and remove from the site all surplus materials, rubbish and temporary works of every kind, and leave the whole of the site in a clean condition to the satisfaction of Company.
- 5.4 Key personnel of Contractor performing the work under this contract cannot be changed as far as practicable during the tenure of the contract except due to sickness / death / resignation of the personnel, in which case the replaced person should have equal experience and qualifications which will again subject to approval by Company.

5.5 All fossils, coins, articles of value or antiquity and structures and other remains or things of geological or archaeological interest discovered on the site where the services are performed, shall be deemed to be the absolute property of Company. Contractor shall take reasonable precautions to prevent its personnel or any other person from removing or damaging any such article or thing and shall immediately upon discovery thereof and, before removal, acquaint Company of such discovery and carry out, at the expense of Company, Company's orders as to the disposal of the same.

6.0 EMPLOYMENT OF OFFICIAL OF THE COMPANY:

Firms/contractors who have or had business relations with the Company are advised not to employ serving employees without its prior permission. It is also advised not to employ ex-personnel of the Company within the initial two years period after their retirement/resignation/severance from service without specific permission of the Company. Company may decide not to deal with such firm(s)/contractors who fail to comply with the advice.

7.0 WAIVERS AND AMENDMENTS:

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

8.0 PROTECTION OF ENVIORNMENT:

8.1 In performance of the Work during the seismic survey operation, the Contractor shall carry out the services with due regard to concerns with respect to protection of the environment and conservation of natural resources, flora & fauna and shall in particular comply with the requirements of applicable laws, rules & regulations promulgated by the Government from time to time.

8.2 The Contractor shall;

a) Employ modern oilfield and petroleum industry practices and standards including advanced techniques, practices and methods of operation for the prevention of Environment Damage in conducting its Operations;

b) Take necessary and adequate steps to;

i) Prevent Environmental Damage and, where some adverse impact on the Environment is unavoidable; to minimize such damage and the consequential affects thereof on property and people;

ii) Ensure adequate compensation for injury to persons or damage to property caused by the effect of Petroleum Operations; and

If the Contractor fails to comply with the provisions hereof or materially contravenes any relevant law; and such failure or contravention results in substantial environmental damage, the Contractor shall forthwith take all necessary and reasonable measures to remedy the failure and the effects thereof.

9.0 INGRESS AND EGRESS AT LOCATION:

- 9.1 Company shall provide Contractor, if required, requisite recommendatory letter/certificates for obtaining rights of ingress to, egress from locations where jobs are to be performed, including any certificates required for obtaining permits or licenses for the movement of Contractor's personnel/equipment. Should such permits/licenses be delayed because of objections of concerned authorities in respect of specific Contractor's person (s), such person (s) should be promptly removed from the list by the Contractor and replaced by acceptable person (s).
- 9.2 Company shall assist the Contractor to the extent permissible in obtaining any visas, residence of work permits, tax exemptions etc. to enable non-Indian personnel required by the Contractor to work in India in providing the services as per the contract.
- 9.3 Company shall assist the Contractor to the extent permissible for import of equipment, materials, consumables etc., and to avail prevailing customs duty concessions as applicable from time to time.
- 9.4 Customs duty, port clearance both for imports and re-export of the equipment/tools, its accessories and spares/consumables including payment of duties/charges will be sole responsibility of the Contractor and will be to Contractor's account.
- 9.5 Customs duties or other duties on imports or any charges or duties on personal effects of Contractor's and their sub-contractor(s)' employees will be at Contractor's cost.
- 9.6 Wherever import of equipment/tools etc. on re-export basis is resorted to, the Contractor will ensure that all items (except consumables which get consumed during operation under this contract) are re-exported out of India and taken appropriate action to ensure that re-export bond executed by the Company is redeemed within the shortest possible time. The payment against demobilization charges and the last monthly invoice will be released by the Company only after completion of above.

10.0 SAFETY:

- 10.1 Contractor shall observe safety regulations in accordance with acceptable Geophysical Industry practice. Contractor shall take all measures reasonably necessary to provide safe working conditions and shall exercise due care and caution in preventing accident, fire, explosion.
- 10.2 The Contractor shall report to Company any evidence if identified which may indicate or likely to lead to an abnormal or dangerous situation at the earliest opportunity and immediately take the first emergency control steps within Contractor's scope at operational site.

11.0 RIGHTS AND PRIVILEGES OF COMPANY:

- 11.1 Company shall be entitled to check the Seismic Recording Equipment, seismic surveying units and other Contractor's items before the commencement field survey. Contractor should provide proof of date of purchase of equipment, item-wise, at the time of inspection. If they are not found in good order or do not meet specifications as per contractual stipulations or in case of non-availability of some of the Contractor's

items listed in the agreement, the commencement date shall then be the date when Contractor remedies such default/shortcomings. The Company also reserves the right to inspect the equipment at any time during the operation at field. Any loss caused on account of replacement of short and defective equipment shall be owned by the Contractor. Any equipment found defective and unserviceable during the tenure of the contract shall be replaced by the Contractor forthwith and all costs including customs duties, transport, freight and other taxes, levies and expenses for such replacement shall be borne by the Contractor.

11.2 The Company shall also be entitled:

- (i) To check, at all times, to inspect Contractor's equipment and request for renovation or replacement thereof, if found in unsatisfactory condition or not conforming to regulations or specifications.
- (ii) To approve the choice of sub-contractors for any essential third-party contract, concerning materials, equipment, personnel and services rendered by the Contractor. Such contract may be entered into by Contractor only after Company's approval.
- (iii) To order suspension of operations while and whenever:
 - a) Contractor's personnel is deemed by Company to be not satisfactory; or
 - b) Contractor's works quality is deemed by Company to be not satisfactory; or
 - c) Contractor's equipment does not conform to regulations or to the specifications; or
 - d) Contractor's insurance in connection with operations hereunder is found by Company not to satisfy the requirement set forth in the contract; or
 - e) Contractor's equipment turns into a danger to personnel on or around the equipment.

END OF SECTION – III, PART – 3

PART - 3

SECTION-IV

SCHEDULE OF SERVICES/SCHEDULE OF RATES

- 1.0 The Bidders must quote the rates in their price bids as per the attached Price-Bid Format (Proforma-B). The payment shall be made for the actual work done. All Day Rate Charges shall be pro-rated to nearest hour.

(A) SCHEDULE OF SERVICES:

Bidders must quote their rates strictly as per format provided in **PROFORMA-B** considering the following stipulations.

1.0 2D AND 3D SEISMIC DATA ACQUISITION:

1.1 LUMPSUM MOBILISATION CHARGES (A):

- i) All-inclusive Mobilization Charges shall be quoted on lump sum basis for mobilizing the entire personnel, equipment and consumables required for the survey up to the respective site for deployment of two (2) crews simultaneously and processing resources / personnel and shall become payable when Company confirm in writing that mobilization has been completed.
- ii) Mobilization shall be deemed to be completed when all personnel, equipment, tools, consumables and field crew are mobilized to the site and also the equipment are fully tested and calibrated and necessary pre-acquisition experimental work conducted as specified in scope of work and **minimum of 10 LKM/Sq.KM production record is taken by each crew and accepted by the Company**. The time spent on the pre-acquisition experimental work is inclusive in the above mobilization period. However, the actual time spent on this pre-acquisition experimental work will be paid as per rate quoted against “Cost for Experimental Recording” (both 2D and 3D respectively as applicable) as quoted in Price Bid Format (PROFORMA-B).

Apart from the mobilisation of two (2) field crews as stipulated above, Contractor has to also mobilize concurrently requisite hardware and software resources with competent personnel to be in ready condition for start of processing work at their processing center within 60 days from date of issue of LOA. Company reserves the right for physical inspection of hardware and software resources and personnel during the mobilization period at processing center of the Contractor.

- iii) Further time spent on acquisition of minimum 10 LKM/Sq.Km production record per crew will not be part of mobilisation period and payment against the same will be made as per actual in line with bidder’s quoted rate for “ Cost for Data Acquisition Charges” (both 2D and 3D respectively as applicable) as quoted in Price Bid Format (PROFORMA-B).
- iv) Mobilization charges should cover all local and foreign costs of the Contractor to mobilize the equipment to the designated site and should include all duties and other local and

foreign taxes, port fees, customs clearance, inland transport to the designated site and insurance coverage etc.

- v) Bidder is required to furnish details in relation to all equipment, spares, consumables and any other material to be brought by the Bidder for job execution in the field. The list of items should be comprehensive and should include all the materials required for completion of work
- vi) The lump sum Mobilization Charges quoted by the Bidders must not exceed 5% (five percent) of the total quoted Contract value. However, mobilization charges if quoted in excess of 5 % of the contract value, the excess amount shall be paid at the end of the contract.**

1.2 DAYRATES FOR EXPERIMENTAL RECORDING FOR 2D SEISMIC SURVEY (C):

All necessary experiment and other tests to determine optimum field parameters (charge and depth optimisation) shall be performed prior to commencement of 2D seismic data acquisition in individual crews. The tests shall be carried out as per the international practice in the Seismic Industry. Experimental work rate of 2D Data Acquisition will be on per day basis (8 hrs. per day actual working in field excluding travel time). In case, the experimental work is done on a part of the day, payment will be done on pro-rata basis for hours certified by the Company's representative.

Experimental works is for analysis and minimization of noises, optimization of charge size etc. towards acquisition of quality data. Bidder shall submit data along with detailed report on the completion of entire experimental work. The Company will give its views within 24 hours of the receipt of the report on experimental shooting. The seismic production shooting (i.e. 2D data acquisition) will not start unless the Company is satisfied with the results of experimental work.

Operating Charges for Experimental Survey should include all the charges for the following:

- a) All equipment/accessories required for Survey/Shooting,
- b) Reports / maps/records generation & submission,
- c) Cost of fuel,
- d) Spares and preventive maintenance of all necessary equipment,
- e) To and fro transportation, repair/maintenance of support infrastructure,
- f) Salary / Medical / Travel Contractor's personnel, hire of support infrastructure / consultant,
- g) All line survey, fixing of crossing pillars / bench marks / survey pegs / paints, line laying & maintenance,
- h) Shot-hole drilling, shot hole casing,
- i) Shot hole drilling fluids/chemicals/mud additives,
- j) Procurement, transport, storage and security of explosive & detonator,
- k) Field transport/handling including shot hole loading & blasting,
- l) Base camp & other operation related management/ maintenance,
- m) HSE measures in camp and for crew members during field operation,
- n) Compensation towards damages caused to crops / life & properties in operational area,
- o) Filling of drilled holes/created craters etc.,

- p) Other day-to-day operational requirement not specified hereof and
- q) QC Processing including static computation.

1.3 DAYRATES FOR EXPERIMENTAL RECORDING FOR 3D SEISMIC SURVEY (D):

All necessary experiment and other tests to determine optimum field parameters (charge and depth optimisation) shall be performed prior to commencement of 3D seismic data acquisition in individual crews. Experimental work rate of 3D Data Acquisition will be on per day basis (8 hrs. per day actual working in field excluding travel time). In case, the experimental work is done on a part of the day, payment will be done on pro-rata basis for hours certified by the Company's representative.

Experimental works is for analysis and minimization of noises, optimization of charge size etc. towards acquisition of quality data. Bidder shall submit data along with detailed report on the completion of entire experimental work. The Company will give its views within 24 hours of the receipt of the report on experimental shooting. The seismic production shooting (i.e. 3D data acquisition) will not start unless the Company is satisfied with the results of experimental work.

Operating Charges for Experimental Survey should include all the charges for the following:

- a) All equipment/accessories required for Survey/Shooting,
- b) Reports/ maps/records generation & submission,
- c) Cost of fuel,
- d) Spares and preventive maintenance of all necessary equipment,
- e) To and fro transportation, repair/maintenance of support infrastructure,
- f) Salary / Medical / Travel Contractor's personnel, hire of support infrastructure / consultant,
- g) All line survey, fixing of crossing pillars/bench marks/ survey pegs/ paints, line laying & maintenance,
- h) Shot-hole drilling, shot hole casing,
- i) Shot hole drilling fluids/chemicals/mud additives,
- j) Procurement, transport, storage and security of explosive & detonator,
- k) Field transport/handling including shot hole loading & blasting,
- l) Base camp & other operation related management / maintenance,
- m) HSE measures in camp and for crew members during field operation,
- n) Compensation towards damages caused to crops / life & properties in operational area,
- o) Filling of drilled holes/created craters etc.,
- p) Other day-to-day operational requirement not specified hereof and
- q) QC Processing including static computation

1.4 STAND-BY DAY RATE (E):

The Standby Charge shall be applicable during the period of job execution at site only after the start of regular production shooting/actual data acquisition, provided the Contractor

is/are not permitted by Company to carry out the operation on account of the following reasons or otherwise:

- i) Lack of instruction, maps & plans from Company.
- ii) Non-compliance in providing required documents/permits/licenses etc. by Company, which are required to be provided by Company as per terms of the Contract.
- iii) Any other non-fulfilment of Company's obligations as stipulated herein.

Standby charges shall be payable on per day of 24 hours and on pro-rata for part thereof to the nearest full hour as to be certified by Company representative.

1.4 **FORCE-MAJURE DAY RATE (F):**

Force Majeure Charges shall be applicable during the Force Majeure situation, if any arises during the period of job execution at site and payable on per day of 24 hours basis up to a maximum of fifteen (15) consecutive days, pursuant to clause No. 11.0 of General Terms & Conditions (GCC), Part 3/Section 1. Payment will also be made on pro-rata per hour basis for part of a day, if any.

1.5 **2D Seismic Data Acquisition Charges (G):**

The Contractor shall be paid the Operating Charges for 2D Data Acquisition in the area per LKM basis for acceptable data acquired along a seismic profile and completed in all respects and provided to Company in requisite form by the Contractor. A LKM is defined as follows:

The formula for calculation of LKM for any incomplete line is hereunder,

$$\text{Calculation of LKM} = \frac{\text{No. of accepted shots taken} \times 60 \text{ m}}{1000 \text{ m}}$$

The formula for calculation of LKM for any complete line & payment as per plan is hereunder,

$$\text{Calculation of LKM} = \frac{(\text{No. of accepted shots} - 1) \times 60 \text{ m}}{1000 \text{ m}}$$

However, Bidder shall raise monthly invoices for data acquired against LKMs of 2D seismic survey which are completed in all aspects (i.e. including all necessary topographic survey data, observer report etc.) and that has been handed over to the Company at Bhubaneshwar during the month. If a line is not completed in a single calendar month, in such case, LKM equivalent to Number of good/acceptable shots taken in the completed part of the seismic profile will be considered for payment provided all the data along with ancillary information are handed over to Company.

Operating Charges should include all the charges for the following:

- a) Establishment of base camp/fly camps,
- b) All equipment/accessories required for Survey/Shooting/LVL/Uphole,
- c) Reports/ maps/records generation & submission,
- d) Cost of fuel,
- e) Spares and preventive maintenance of all necessary equipment,
- f) Mob/Demob of on/off crews, consumable,
- g) To and fro transportation, repair/maintenance of support infrastructure,
- h) Salary/Medical/Travel of Contractor's personnel, hire of any support infrastructure/consultant,
- i) All line survey, fixing of crossing pillars/bench marks/ survey pegs/ paints, line laying & maintenance,
- j) Shot-hole drilling, shot hole casing,
- k) Shot hole drilling fluids/chemicals/mud additives,
- l) Procurement, transport, storage and security of explosive & detonator,
- m) Field transport/handling including shot hole loading & blasting,
- n) Base camp & other operation related management/ maintenance,
- o) HSE measures in camp and for crew members during field operation
- p) Compensation towards damages caused to crops/life & properties in operational area
- q) Filling of drilled holes/created craters etc.,
- r) Other day-to-day operational requirement not specified hereof.
- s) QC Processing including static computation and
- t) Contractor shall plant at least two tall plants per shot hole before leaving the site in a particular day for profile / swath or segment thereof in a forest cover area as per the guidelines of MoEF&CC in consultation with local DFO under intimation to OIL. In case it is not possible for Contractor to do the same then Contractor shall deposit cost of two tall plants along with 10 years' maintenance cost per shot hole with concern DFO / state government and obtain a receipt thereof for submission to OIL.

1.6 **3D Seismic Data Acquisition Charges (H):**

The Contractor shall be paid the Operating Charges for 3D Data Acquisition in the area per sq.km basis for acceptable data acquired along a specific swath, completed in all respects, and provided to Company in requisite form by the Contractor.

One Sq. Km. is defined as follows:

1 SQKM= 40 nos. of accepted shots taken

However, Contractor shall raise monthly invoices for data acquired against Sq. Kms of 3D seismic survey which are completed in all aspects (i.e. including all necessary topographic survey data, observer report etc.) and that has been handed over to the Company at Bhubaneshwar during the month. If a Swath is not completed in a single calendar month, in such case, Sq. Km. equivalent to Number of good/acceptable

shots taken in the completed part of the Swath will be considered for payment provided all the data along with ancillary information are handed over to Company.

Operating Charges should include all the charges for the following:

- a) Establishment of base camp/fly camps,
- b) All equipment/accessories required for Survey/Shooting/LVL/Uphole,
- c) Reports/ maps/records generation & submission,
- d) Cost of fuel,
- e) Spares and preventive maintenance of all necessary equipment,
- f) Mob/Demob of on/off crews, consumable,
- g) To and fro transportation, repair/maintenance of support infrastructure,
- h) Salary/Medical/Travel of Contractor's personnel, hire of any support infrastructure/consultant,
- i) All line survey, fixing of crossing pillars/bench marks/ survey pegs/ paints, line laying & maintenance,
- j) Shot-hole drilling, shot hole casing,
- k) Shot hole drilling fluids/chemicals/mud additives,
- l) Procurement, transport, storage and security of explosive & detonator,
- m) Field transport/handling including shot hole loading & blasting,
- n) Base camp & other operation related management/ maintenance,
- o) HSE measures in camp and for crew members during field operation,
- p) Compensation towards damages caused to crops/life & properties in operational area,
- q) Filling of drilled holes/created craters etc.,
- r) Other day-to-day operational requirement not specified hereof.
- s) QC Processing including static computation and
- t) Contractor shall plant at least two tall plants per shot hole before leaving the site in a particular day for profile / swath or segment thereof in a forest cover area as per the guidelines of MoEF&CC in consultation with local DFO under intimation to OIL. In case it is not possible for Contractor to do the same then Contractor shall deposit cost of two tall plants along with 10 years' maintenance cost per shot hole with concern DFO / state government and obtain a receipt thereof for submission to OIL.

1.7 **RATES FOR LVL RECORDING (J):**

Operating Charges will be paid for every LVL per location completed, data recorded, all related stationery/media of recording, field set ups and data analysed / interpreted and submitted to Company.

1.8 **RATES FOR UPHOLE RECORDING (I)**

Operating Charges will be paid for every Uphole per location drilled, up to 90 metres, data recorded; all related stationery/media of recording, field setups and data analysis/interpretation and submitted to Company during the month. In case, the logged depth will be less than 90 metres, then the payment will be made on pro-rata basis as per actual drilling meterage; such case will be allowed based on field certification by onsite company representative only.

1.9 **CHARGES FOR FIXING OF REFERENCE PILLARS (K):**

The operating charges for fixing of Reference Pillars shall be payable on per point basis. The rate per point should be quoted all-inclusive, including supplying, grouting and fixing of the pillars.

1.10 COST OF EXPLOSIVES (L)

The operating charges for explosives need to be inclusive of procurement, storage in portable magazine with valid license, transportation and security for field use. The actual consumption reported need to be supported with PESO return statement to be submitted along with monthly invoice.

1.11 COST OF DETONATORS (M)

The charges for detonators need to be inclusive of procurement, storage in portable magazine with valid license, transportation and security for field use. The actual consumption reported need to be supported with PESO return statement to be submitted along with monthly invoice.

2.0 SEISMIC DATA PROCESSING:

2.1 CHARGES FOR PROCESSING OF 2D SEISMIC DATA :(Q)

Charges for processing 2D seismic data up to Pre STM per LKM. basis (as per the Processing Sequence as mentioned in Section-II (Scope of Work) Part 3, Clause B1.4 A & B).

2.2 CHARGES FOR PROCESSING OF 3D SEISMIC DATA :(R)

Charges for processing 3D seismic data up to Pre STM per SQ.KM. basis (as per the Processing Sequence as mentioned in Section-II (Scope of Work) Part 3, Clause B1.4 A & B).

3.0 DEMOBILIZATION CHARGES (B):

3.1 The Demobilization Charge shall be quoted on all-inclusive lump sum basis for the expenditure to be incurred by the Contractor towards taking back/removal of all their resources including personnel and materials after completion of contractual commitments under the contract from site where survey concludes for both the two (2) crews deployed against the contract.

3.2 **Demobilization charges should not be less than 5% of the total quoted value in the price bid format. If De-mobilization is quoted in deficit or less than 5% of the quoted contract value, then the bid will be rejected.**

3.3 The Company shall pay Contractor one-time demobilization charges for both the two (2) crews deployed, if quoted any, only in the instance of natural conclusion of the Contract after completion of the terms/survey or upon termination of Contract before expiry under Force Majeure situation, subject to following conditions:

- a. The Contractor shall demobilise all its equipment, spares and consumable within 60 days of effective date of demobilization in respective area and complete re-export formalities, if applicable any.
- b. The Contractor shall leave all camp sites and establishment in the operational area free of debris and restore to original condition.
- c. The Contractor shall produce the following documents along with the invoice for demobilization charges to the satisfaction of the Company of having cleared all their liabilities:
 - i. Tax clearance certificate from Income Tax Department regarding clearance of dues toward Contractor's tax liabilities, their sub-contractor tax liabilities and towards tax liabilities of their expatriate persons or the other employees. In lieu, Contractor may submit an Indemnity Bond to this effect.
 - ii. Undertaking towards settlement of compensation for damage/loss to crop & property etc.
 - iii. Proof of completion of re-export formalities, if applicable.

3.4 The demobilisation charges will only be paid after all the project deliverables including Acquisition and Processing outputs has been submitted to company and duly certified by company representative.

4.0 **ZERO (NIL) RATE:**

Notwithstanding any provision in the Contract, if performance of any crew is affected by occurrence of the following situations, no payment whatsoever shall be applicable to that crew.

- a) Breakdown / instrument problem due to non-availability of spares / consumables,
- b) Equipment Calibration test failure,
- c) Non- compliance of quality standards,
- d) Non-availability of adequate manpower,
- e) National Holidays,
- f) Unrest of Contractor's labour,
- g) Non availability of Security/explosives,
- h) Line Change,
- i) Delay of arrival of spares/consumables on account of customs clearance/statutory clearances,
- j) Any other reasons attributable solely to the Contractor.

END OF SECTION – IV, PART - 3

LIST OF KEY PERSONNEL TO BE DEPLOYED BY THE CONTRACTOR PER CREW

Professional Staff to be deployed for Seismic Data Acquisition at all times during the period of 2D and 3D Seismic Survey per crew:

Sr. No.	Position	Minimum Work Experience	No. of Personne ¹
1	Project Co-ordinator/ Supervisor	10 years, out of which 5 years as Crew Supervisor/Party Chief in Seismic crew.	One (1)
2	Party Chief	10 years, out of which 3 years as Party Chief in Seismic crew.	One (1)
3	QC Processing Geophysicist	5 year as QC Processing Geophysicist in Seismic crew.	One (1)
4	Seismologist	5 years as 2D/3D Seismologist in Seismic crew.	One (1)
5	Observer	5 years as Observer in Seismic crew.	One (1)
6	Instrument Technician	5 years as Instrument Technician in Seismic Crew.	One (1)
7	Sr. Surveyor	5 years as Surveyor, out of which 3 years in 2D / 3D Seismic crew.	One (1)
8	HSE Manager	5 years, out of which at least 2 years of experience as HSE Manager in Seismic Crew.	One (1)

Professional Staff for Seismic Data Processing:

Sr. No.	Position	Minimum Work Experience	No. of Personnel
1	Processing Manager	10 years in land 3D Seismic Data Processing.	Two (2)
2	Processing Geophysicist	5 years in land 3D Seismic Data Processing.	Four (4)

Note: i. Bidder must submit detailed Bio-data of all its key personnel to be deployed for the whole period of the project, along with the technical bid. Successful Bidder shall deploy the same persons whose Bio-data is offered in the bid for data acquisition and processing. They shall not be replaced or transferred without prior notification to the Company. Company's approval is essential in case they are desired to be replaced by

the successful bidder with equally competent persons satisfying minimum experience criteria and Company's decision in this regard will be final.

ii. The above list indicates the minimum requirement of Key Personnel and their experience. The Contractor may deploy other personnel e.g. observers, surveyors, technicians, line supervisors, shooters etc. to accomplish the job as per the defined parameters and time frame. The detailed bio-data of the key personnel must be submitted with the technical bid. The radio operators etc. must have valid licenses to operate in Odisha, India. The shooter must have valid explosive handling license to operate in field. The Supervisor and the Party Chief have to be efficient enough to coordinate with Company and perform all other required interaction with external agencies for executing the job successfully. All the key personnel must be fluent in speaking, writing and understanding English language.

iii. The bidder who do not meet the technical experience criteria on their own and are bidding on the strength of Joint venture/consortium/parent/subsidiary/sister subsidiary/co-subsubsidiary must deploy the key personnel viz. QC Processing Geophysicist, Seismologist & Observer from their technical counterpart for the entire duration of contract.

iv. **Bids shall be rejected if the key personnel offered do not meet the specified requirement.**

v. Bidder must fill-up and submit checklist-II

EQUIPMENT FOR 2D AND 3D SEISMIC DATA ACQUISITION PER CREW

The equipment to be deployed per crew by the Contractor for the survey must be state-of-the-art and conform to international industry standards.

DESCRIPTION**A. SURVEY EQUIPMENT: Not more than three (3) years old, as on the Original Bid closing date of the tender.**

- * DGPS (RTK) Units capable of operating in L1 & L2 modes with required accessories and software in adequate quantity.
- * Total Stations with data loggers, accessories and survey software in adequate quantity.

B. SEISMIC RECORDING SYSTEM: Not more than three (3) years old, as on the Original Bid closing date of the tender.

The equipment must be in perfect working condition. The number of remote field units / recording equipment and cables, geophones and hydrophones to be deployed must be adequate to obtain the production required to complete the work within the required time.

- * Seismic Data Recording System – Telemetry/Cableless with real time data acquisition and quality Control of noise etc. System with 24-bit $\Delta\Sigma$ Technology.
- * Recording capacity of minimum 4,000 channels at 2 ms sampling interval.
- * Seismic data acquisition system with real time QC monitoring of recorded data. OIL will QC the acquired shot gathers on daily basis post completion of each day recording operation.
- * The time break delay between radio shooting system (confirmed and predicted TB) shall be less than 1 millisecond (ms).
- * Sufficient accessories, Encoder / Decoder / sufficient remote Units, Interconnect boxes etc.
- * Geophone: Offered Geophone must be SM24/ SG-10 OR equivalent OR better. The offered Geophones must be fully compatible with seismic data acquisition system. The No. of geophones per station (string) must be 12 (twelve) and industry standard spike length. The configuration of geophone must be 6 x 2 [(6 in Series and two (2) such series in parallel)].
- * Industry Standard Hydrophones may be required at certain places in the operational area.
- * The response of Geophones/nodes with external geophone/ nodes with built in sensor should be as per specifications of OEM.
- * Specification of analog Geophone String: Bidder need to supply low-distortion, high sensitivity Geophone strings with following specifications.

Sl. No.	Parameters	Values
1	Sensitivity	120-170 V/m/sec
2	Distortion	<0.2%
3	Natural Frequency	Up to 10 Hz.
4	Tilt	0-15°

5	Spurious frequency	>240 Hz.
6	Operating Temperature	Up to 90 °C
7	Polarity	SEG standard

The likely products are Sercel SG-10 / Sensor SM24HS / Equivalents.

Note: The bidder must submit a document from the Original Equipment Manufacturer (OEM) of the geophone string at the time of bid submission, certifying that the specifications of the sensors are being provided in accordance with the technical requirement specified in the tender document. The bidder shall furnish the details of the offered sensors configuration and enclose a technical list qualifying the specifications as a separate sheet.

*** Cables and Geophones: Not more than Two (2) years old, as on the Original Bid closing date of the tender.**

C. LVL/UP-HOLE SURVEY EQUIPMENT: Not more than three (3) years old as on the Original Bid closing date of the tender.

- * 24 channel digital recorder with sampling interval 0.25 ms or less.
- * Cables for 400 m offset with 10 m take-outs. The cables must meet manufacturer's specifications.
- * Refraction Geophone 4.5 Hz. The Geophones must meet manufacturer's specifications.
- * Uphole Survey Digital Recorder with a minimum of 4 channels and down hole cable, hydrophone/geophones suitable for logging to 100 m weight drop/explosive as source
- * Bidder shall deploy 2 (two) nos. of equipment (one is for LVL and other for Up-hole survey) per crew.

D COMPUTING: Stand-alone workstations with adequate RAM, disk-space for the following software packages – All the hardware shall not be more than three (3) years old as on Original Bid closing date of the tender & must be in perfect working condition along with all necessary software which the Contractor proposes to use.

Software

1. Survey data management & processing.
2. 2D/3D field management/planning.
3. 2D/3D survey simulation (OMNI/MESA or equivalent).
4. LVL/Uphole data processing and interpretation.

Hardware (Stand-alone workstations with adequate RAM, disk-space, DVD Drive)

1. Survey data management & processing.
2. 2D/3D field management/planning.
3. 2D/3D survey simulation (OMNI/MESA or equivalent).
4. LVL/Uphole data processing and interpretation.

Bidder shall deploy minimum 4 (four) nos. of standalone workstations for above mentioned software. All the workstations need shall have facility to be connected to colour plotter, A3 size multi-functional printers and IBM 3592/DVD/LTO-5 cartridge drive for back-ups and any other facilities required to control the quality of survey and to provide the technical inputs required by Company.

E. EQUIPMENT FOR FIELD 2D and 3D DATA PROCESSING:

Hardware - Not more than three (3) years old, as on the Original Bid closing date of the tender.

- * Workstation (CPU Type and MHz, RAM & Hard Disk Capacity),
- * Colour Printer
- * Colour Plotter
- * Tape Drives – IBM 3592/LTO-5

Software – Latest Full-fledged 2D and 3D Seismic data field Processing software for QC processing of acquired 2D and 3D seismic data. Not more than three (3) years old, as on the Original Bid closing date of the tender.

- * The Field Processing Software
 - 2D and 3D Seismic Data Processing package
 - Version and Year of Release of Software
 - Status of maintenance contract of the Processing Software to be furnished
- * The field processing software must be capable of processing 2D and 3D Seismic Data up to Post-Stack Migration.
- * The processing software must be covered under maintenance tender for the entire duration of the tender with OIL.
- * The workstation needs to be connected to colour plotter, line printers and IBM 3592 / DVD / DLT / LTO-5 cartridge drives for back-ups and any other facilities required to control the quality of survey and to provide the technical inputs required by Company.
- * **The hardware, ancillary equipment viz. Printers, Plotters, Tape Drives, Networking etc. shall not be more than three (3) years old as on Original bid closing date of the Tender and must be in perfect working condition.**

F. EQUIPMENT FOR FULL FLEDGED 2D AND 3D SEISMIC DATA PROCESSING:

The Bidders must provide the technical details of following equipment (Hardware & Software) to be used for processing.

- * Hardware Configuration: – Must be state-of-the-art technology capable of processing 2D and 3D Onshore Seismic Data including Pre-stack Time Migration (Pre-STM) as defined in Scope of Work (SoW). Bidder has to furnish the complete details of the hardware proposed to be deployed for processing of the 2D and 3D Onshore Seismic Data.
- * Software: Details of complete processing package, release date, version, and status of maintenance contract etc.–The **2D and 3D Onshore Seismic Data Processing Software must be of the latest version.**

- * System Layout Diagram (including tape/LTO drives, plotter, and other I/O interface).
- * Brochures of Hardware and Software packages.
- * Location of the Processing Centre.
- * The Hardware and Software offered for 2D and 3D Seismic data processing must **not be more than three (3) years old, as on the Original Bid closing date of the tender.**

G. COMMUNICATION EQUIPMENT:

Communication equipment to be provided including V-Sat, walkie-talkies, VHF radios, sufficient for the project and the units must meet the manufacturer's specifications.

H. TRANSPORT:

The Contractor has to decide and bring requisite quantity of specialized transport for both the two crews viz. explosive vans and jeeps for explosive movement, Instrument van to carry out seismic survey in areas as described in Scope of Work. All the available indigenous transport has to be arranged by the Contractor, locally. All the transports must be in perfect working condition and meet all the desired specification including insurance and the requisite licenses for the purpose of use. All the vehicles must be equipped with all seat belts, First Aid Kit, Spare wheel, fire extinguisher etc.

- I. **Shot-hole Drilling Rigs:** Bidder shall deploy adequate terrain specific drilling rigs as described in Scope of Works, Part-III, Section-II to drill the shot holes / upholes in the areas of operation.

Note:

1. All the equipment as mentioned in the Annexure-II must meet or exceed the required specifications mentioned.
2. The Bidder has to submit the documentary evidence in support of the Vintage of the Equipment (**Item No. A to F mentioned above**) which bidder proposes to deploy in the field for the execution of the contract. **Bids shall be rejected if the equipment offered do not meet the specified requirement.**
3. The bidder must be in possession of the above-mentioned equipment. In the event a bidder is not in possession of the equipment at the time of submission of the bids and proposes to deploy brand new equipment, in such cases the bidder has to submit the Letter of Intent (LOI)/MoU/Purchase Order/Agreement etc. with the equipment manufacturer. Bidders who fail to submit these documents will not be considered for further evaluation and price bid opening. Bidder can submit maximum three (3) nos. of MOUs against the requirement of equipment, software as asked for in the tender. If bidder is qualified for bid, they need to deploy the same equipment as mentioned in their bid.

4. Bidders must categorically mention the equipment they propose to deploy in their technical offer.
5. The Bidder may mobilize additional crew and equipment at no extra cost to the Company for increasing the productivity to improve upon the work completion time, to which the Company shall have no objection.
6. Bidder must fill-up and submit checklist-I.

**LIST OF ITEMS (Equipment, Tools, Accessories, Spares & consumable)
TO BE IMPORTED IN CONNECTION WITH EXECUTION
OF THE CONTRACT SHOWING CIF VALUE**

Srl #	Item Description	Qty / Unit	Rate	Total	Freight & Insurance	CIF Value	Port & other charge	Landed Cost	Is it re-exportable? YES or NO	Year of Mfg.	HSN Code
A	B	C	D	E = CxD	F	G = F+E	H	I = G+H	J	K	L
1											
2											
3											
<p>(1) The items which are not of consumable in nature and required to be re-exported outside India after completion of the Contract should be indicated as "YES" in column "J".</p>											
<p>(2) The items, which are of consumable in nature should be indicated as "NO" in column "J".</p>											
<p>(3) For estimation of applicable customs duty, the Bidders are required to indicate customs tariff code (i.e. HSN Code) of each item in column "L".</p>											

Authorised Person's Signature: _____

Name: _____

Seal of the Bidder:

PRICE BID FORMAT**TENDER No. : CEG2303P20****CURRENCY QUOTED: _____**

SL.NO.	Item	Unit	Qty.	Unit Rate (exclusive of GST)	Total Price
2D & 3D SEISMIC DATA ACQUISITION					
1	Mobilization Charges (A)	Lump sum	1	MOB**	1 x MOB
2	Demobilization charges (B)	Lump sum	1	DE-MOB***	1 X DE-MOB
3	Experimental Survey 2D (C)	Per Day	5*	EXP1	5 x EXP1
4	Experimental Survey 3D (D)	Per Day	10*	EXP2	10 x EXP2
5	Stand-By Charges (During the Operating Period) (E)	Per Day	15	SBR	15 x SBR
6	Force Majeure Charges (F)	Per Day	15	FM	15 x FM
7	Charges for Acquisition of 2D Seismic Data using Explosive source. (G)	Per LKM	500	OR1	500 x OR1
8	Charges for Acquisition of 3D Seismic Data using Explosive source. (H)	Per Sq. Km.	610	OR2	610 x OR2
9	Up-hole Survey Rate (I)	Per location	550	UH	550 x UH
10	LVL Survey Rate (J)	Per location	550	LVL	550 x LVL
11	Fixing Reference Pillar Charge (K)	Per location	150	FRP	150 x FRP
12	Cost of Explosives (L)	Kg	4,70,000	Ex	470000 x Ex
13	Cost of Detonator (M)	No	4,00,000	Dt	400000 x Dt
Total Charges for 2D & 3D seismic Data Acquisition (excluding GST) (N=A+B+C+D+E+F+G+H+I+J+K+L+M)					
GST @ _____%, (O)****					
Total Charges for 2D & 3D seismic Data Acquisition (including GST) P (P=N+O)					
2D & 3D SEISMIC DATA PROCESSING					
14	Charges for 2D seismic data Processing up to Pre-STM (Q)	Per LKM	500	PR1	500 x PR1
15	Charges for 3D seismic data Processing up to Pre-STM (R)	Per Sq. km.	610	PR2	610 x PR2
Total Charges for 2D & 3D seismic Data Processing (excluding GST) (S=Q+R)					
GST @ _____%, (T)****					

Total Charges for 2D & 3D seismic Data Processing (including GST) U (U=S+T)	
Grand Total Charges for 2D & 3D seismic Data Acquisition & Processing (including GST) V (V=P+U)	

* Includes the days required for pre-acquisition experimental work.

** **Bidders should quote lump sum mobilization charges which should not exceed 5% (five percent) of the total evaluated contract value as per price bid format.** However, mobilization charges if quoted in excess of 5% of the estimated contract cost, the excess amount shall be paid only after successful completion of the contract

*** Demobilization charges should not be less than **5%** of the total quoted value in the price bid format, **otherwise the bid will be rejected outright.**

**** **Bidder should fill up the applicable GST percentage in the above table vide (O) & (T). If no GST percentage mentioned then bids will be evaluated considering 12% GST and the same will be binding on the successful bidder.**

NOTES:-

- (i) The items referred in the format are to be read in conjunction with Section-IV, Part - 3.
- (ii) Bidders must quote clearly and strictly in accordance with the price schedule outlined in "Price Bid Format" (Proforma – B) of Bid Document; otherwise the Bid will be summarily rejected. However, if no charge is involved for any of the work/item, '**NIL**' should be mentioned against such part of work. If any item in the Price Bid Format is left blank, then it will be construed that for that item bidder has quoted rate as "0". However, if a bidder indicates that they are not quoting for all the items then their offer will be rejected.
- (iii) The quantities indicated above are tentative requirement for eighteen months and considered for evaluation purpose of bids/estimation of total contract value only. Payment shall, however, be made at actual use against which the units rates have been asked for. No charges other than indicated above are payable.
- (iv) All taxes other than GST shall be borne by the Contractor. The quoted price shall be exclusive of GST. The applicable GST shall be on Company's account. However, liability for payment of the GST in case of Indian Bidder and overseas Bidder having offices in India shall lie on the Contractor, else in case of Foreign Bidders, the liability shall lie on the Company. The quantum (%age) of GST as applicable against the contract must be indicated separately.

Authorized Person's Signature: _____

Name: _____

Seal of the Bidder:

BID FORM

To
OIL INDIA LIMITED
KG BASIN PROJECT
D NO. 11-4-7, 3RD FLOOR,
NOOKALAMMAA TEMPLE STREET,
RAMARAO PETA, KAKINADA 533004
ANDHRA PRADESH, INDIA

Sub: IFB No. CEG2303P20

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 sum not exceeding 10% of estimated annual contract value 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:

Tender No. : CEG2303P20**STATEMENT OF COMPLIANCE****(Only exceptions/deviations to be rendered)**

The Bidder shall furnish detailed statement of exceptions/deviations **excepting BRC**, if any, to the tender stipulations, terms and conditions in respect of each Section of Bid Document in the following format:

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.

FORM OF BID SECURITY (BANK GUARANTEE)

Ref. No.

Bank Guarantee No.

TO
OIL INDIA LIMITED
KG BASIN PROJECT
D NO. 11-4-7, 3RD FLOOR,
NOOKALAMMAA TEMPLE STREET,
RAMARAO PETA, KAKINADA 533004
ANDHRA PRADESH, INDIA

WHEREAS, (Name of Bidder) (herein after called “the Bidder”) has submitted their Bid No. datedfor the provision of certain OILFIELD services (hereinafter called “the Bid”) against OIL INDIA LIMITED, KG BASIN & BEP PROJECT, KAKINADA (hereinafter called the “Company”)’s IFB No..... KNOW ALL MEN by these presents that we (Name of Bank) of (Name of country) having our registered office at (hereinafter called “the Bank”) are bound unto the Company in the sum of (.....)* for which payment well and truly to be made to Company, the Bank binds itself, its successors and assignees by these presents.

SEALED with the common seal of the said Bank this Day of , 2019.

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws their Bid within its original/extended validity; or
2. The Bidder modifies/revises their bid Suo moto; or
3. The Bidder does not accept the contract; or
4. The Bidder does not furnish Performance Security Deposit within the stipulated time as per tender/contract; or
5. If it is established that the Bidder has submitted fraudulent documents or has indulged into corrupt and fraudulent practice.

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

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

SIGNATURE AND SEAL OF THE GUARANTOR.....

Name of Bank & Address.....

Witness

Address.....

(Signature, Name and Address)

Date.....

Place.....

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

The details of the issuing bank and controlling bank are as under:

A. Issuing Bank

- 1. Full address of the bank:**
- 2. Email address of the bankers:**
- 3. Mobile nos. of the contact persons:**

B. Controlling Office

- 1. Address of the controlling office of the BG issuing banks:**
- 2. Name of the contact persons at the controlling office with their mobile nos. and email address:**

Signature& Seal of the Bank

FORM OF PERFORMANCE BANK GUARANTEE (UNCONDITIONAL)*

To:
OIL INDIA LIMITED
KG BASIN PROJECT
D NO. 11-4-7, 3RD FLOOR,
NOOKALAMMAA TEMPLE STREET,
RAMARAO PETA, KAKINADA 533004
ANDHRA PRADESH, INDIA

WHEREAS (Name and address of Contractor) (herein after called “Contractor”) had undertaken, in pursuance of Contract No..... Dated to execute (Name of Contract and brief description of the work) (hereinafter called “the Contract”),

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a bank guarantee by a recognised bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

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

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

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

This guarantee is valid until the date (.....) **(calculated at **90 days** after Contract completion date).

SIGNATURE & SEAL OF THE GUARANTOR :.....

Name of Bank

Tender No. CEG2303P20

:.....
Address :.....
.....
Date :.....

The details of the issuing bank and controlling bank are as under:

A. Issuing Bank

- 1. Full address of the bank:**
- 2. Email address of the bankers:**
- 3. Mobile nos. of the contact persons:**

B. Controlling Office

- 1. Address of the controlling office of the BG issuing banks:**
- 2. Name of the contact persons at the controlling office with their mobile nos. and email address:**

Signature& Seal of the Bank

CONTRACT FORM

This Contract is made on ____ day of _____ between Oil India Limited, a Government of India Enterprise, incorporated under the Companies Act 1956, having its registered office at Duliajan, Assam and Project Office at IDCO Towers, 3rd Floor, Janpath, Bhubaneswar, Orissa -Pin 751022, 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 require;

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 E-Bid No. _____ dated _____ submitted by the Contractor against Company's E-Tender No. _____.

All these aforesaid documents shall be deemed to form and be read and construed as part of this Contract. However, should there be any dispute arising out of interpretation of this Contract in regard to the terms and conditions with those mentioned in Company's tender document and subsequent letters including the Letter of 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 Contract words and expressions shall have the same meanings as are respectively assigned to them in the General 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 (GCC), (Part-3, Section-I)
- (b) Scope of Work/Terms of Reference/Technical Specification (TOR), (Part-3, Section-II)
- (c) Special Conditions of Contract (SCC), (Part-3, Section-III)

- (d) Schedule of Services/Schedule of Rates(SOR), (Part-3, Section-IV)
- (e) Estimated CIF value of items at the time of import, (Proforma-A)
- (f) Price Bid Format, (Proforma-B)
- (g) Performance Security Form, (Proforma-F)
- (h) Letter of Award
- (i) Format of Agreement between Bidder and Parent/100% owned Subsidiary Company (Attachment – I)
- (j) Parent Company/Subsidiary Company Guarantee (Attachment – II)
- (k) Format of Agreement between Bidder and Sister Subsidiary/Co-subsidiary Company and the Ultimate Parent/Holding Company of both the Bidder and Sister Subsidiary /Co-Subsidiary (Attachment –III)
- (l) General HSE Points (Appendix-A)
- (m) Procedure for obtaining Labour License under Contract Labour (R&A) Act, 1970 & Central Rules-1971 (Appendix-B)
- (n) Integrity Pact

In case of contradiction between GCC/SCC/TOR, the terms and conditions mentioned in TOR will prevail followed by SCC and GCC - in that order.

3. In consideration of the payments to be made by the Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Company to provide the Services and to remedy defects therein in conformity in all respect with the provisions of this Contract.

4. The Company hereby covenants to pay the Contractor in consideration of the provision of the Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

IN WITNESS thereof, each party has executed this contract at Bhubaneswar as of the date shown above.

Signed, Sealed and Delivered,

For and on behalf of
Company (Oil India Limited)

For and on behalf of Contractor
(M/s. _____)

Name:

Name:

Status:

Status:

In presence of

In presence of

1.

1.

2.

2.

PROFORMA LETTER OF AUTHORITY

TO
OIL INDIA LIMITED
KG BASIN PROJECT
D NO. 11-4-7, 3RD FLOOR,
NOOKALAMMAA TEMPLE STREET,
RAMARAO PETA, KAKINADA 533004
ANDHRA PRADESH, INDIA

Sir,

Sub: OIL's IFB No. CEG2303P20

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.

AUTHORISATION FOR ATTENDING BID OPENING

Date: _____

TO
OIL INDIA LIMITED
KG BASIN PROJECT
D NO. 11-4-7, 3RD FLOOR,
NOOKALAMMAA TEMPLE STREET,
RAMARAO PETA, KAKINADA 533004
ANDHRA PRADESH, INDIA

Sir,

Sub: OIL's e-Tender No. CEG2303P20

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.

INTEGRITY PACT

Between

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

and

----- hereinafter referred to as “The Bidder/Contractor”

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for services under Tender **CEG2303P20**. 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 Organisation “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.

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.

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

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

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

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

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

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

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

5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings

Section 4 -Compensation for Damages

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

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to Security Deposit / Performance Bank Guarantee.

3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

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

1. The Principal will enter into Pacts on identical terms with all bidders and contractors.

2. The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

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

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

Section: 8 -External Independent Monitor/Monitors

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

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

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

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

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.

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

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

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

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. New Delhi. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

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

3. If the Contractor 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.

A.BARUAH

.....

(For the Principal)

Place : Kakinada

Date: 28.08.2019

.....

for the Bidder/Contractor

Witness 1 :

Witness 2 :

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 ..

Registration Code:

Signature :

[* Applicable only for GLOBAL tenders.]

APPENDIX-II

Format of undertaking by Bidders towards submission of authentic information/documents
(To be typed on the letter head of the bidder)

Ref. No. _____

Date _____

Sub: Undertaking of authenticity of information/documents submitted

Ref: Your tender No. _____

To,
Chief General Manager(KGB&BEP)
Oil India Limited
KG Basin Project
Kakinada, India

Sir,

With reference to our Bid/Offer 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)

FORMAT OF AGREEMENT BETWEEN BIDDER AND THEIR PARENT COMPANY / 100% OWNED SUBSIDIARY COMPANY (As the case may be)

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

This agreement made this ____ day of ____ month ____ year by and between M/s. _____ (Fill in the Bidder's full name, constitution and registered office address) hereinafter referred to as Bidder on the first part and M/s. _____ (Fill in full name, constitution and registered office address of Parent Company/Subsidiary Company, as the case may be) hereinafter referred to as "Parent Company/Subsidiary Company (Delete whichever not applicable)" of the other part:

WHEREAS

M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their tender No. _____ for _____ and M/s. _____ (Bidder) intends to bid against the said tender and desires to have technical support of M/s. _____ [Parent Company/Subsidiary Company-(Delete whichever not applicable)] and whereas Parent Company/Subsidiary Company (Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the services as required by the Bidder for successful execution of the contract, if awarded to the Bidder.

Now, it is hereby agreed to by and between the parties as follows:

1. M/s. _____ (Bidder) will submit an offer to OIL for the full scope of work as envisaged in the tender document as a main Bidder and liaise with OIL directly for any clarifications etc. in this context.
2. M/s. _____ (Parent Company/Subsidiary Company (Delete whichever not applicable)) undertakes to provide technical support and expertise, expert manpower and procurement assistance and project management to support the Bidder to discharge its obligations as per the Scope of work of the tender / Contract for which offer has been made by the Parent Company/Subsidiary Company (Delete whichever not applicable) and accepted by the Bidder.
3. This agreement will remain valid till validity of Bidder's offer to OIL including extension if any and till satisfactory performance of the contract in the event the contract is awarded by OIL to the Bidder
4. It is further agreed that for the performance of work during contract period Bidder and Parent Company/Subsidiary Company (Delete whichever not applicable) shall be jointly and severally responsible to OIL for satisfactory execution of the contract.
5. However, the Bidder shall have the overall responsibility of satisfactory execution of the contract awarded by OIL.

In witness whereof the parties hereto have executed this agreement on the date mentioned above.

For and on behalf of (Bidder)

For and on behalf of
(Parent Company/Subsidiary Company
(Delete whichever not applicable)

M/s.

M/s.

Witness:

Witness:

1)

1)

2)

2)

PARENT COMPANY/ SUBSIDIARY COMPANY GUARANTEE (*Delete whichever not applicable*)

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at this day of by M/s (Mention complete name) a company duly organized and existing under the laws of (Insert jurisdiction/country), having its Registered Office at hereinafter called “the Guarantor” which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS

M/s Oil India Limited, a company duly registered under the Companies Act 1956, having its Registered Office at Duliajan in the State of Assam, India, and having Project offices, amongst others, at Kakinada and Bhubaneswar, India hereinafter called “OIL” which expression shall unless excluded by or repugnant to the context thereof, be deemed to include its successor and assigns, invited tender number for on

M/s (mention complete name), a company duly organized and existing under the laws of (Insert jurisdiction/country), having its Registered Office at (give complete address) hereinafter called “the Company” which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successor and permitted assigns, have, in response to the above mentioned tender invited by OIL, submitted their bid number to OIL with one of the condition that the Company shall arrange a guarantee from its parent company guaranteeing due and satisfactory performance of the work covered under the said tender including any change therein as may be deemed appropriate by OIL at any stage.

The Guarantor represents that they have gone through and understood the requirement of the above said tender and are capable of and committed to provide technical and such other supports as may be required by the Company for successful execution of the same.

The Company and the Guarantor have entered into an agreement dated as per which the Guarantor shall be providing technical and such other supports as may be necessary for performance of the work relating to the said tender.

Accordingly, at the request of the Company and in consideration of and as a requirement for OIL to enter into agreement(s) with the Company, the Guarantor hereby agrees to give this guarantee and undertakes as follows:

1. The Guarantor (Parent Company / **100% Subsidiary Company (*Delete whichever not applicable*)**) unconditionally agrees that in case of non-performance by the Company of any of its obligations in any respect, the Guarantor shall, immediately on receipt of notice of demand by OIL, take up the job without any demur or objection, in continuation and without loss of time and without any cost to OIL and duly perform the obligations of the Company to the satisfaction of OIL.

2. The Guarantor agrees that the Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Company.
3. The Guarantor shall be jointly with the Company as also severally responsible for satisfactory performance of the contract entered between the Company and OIL.
4. The liability of the Guarantor, under the Guarantee, is limited to the 50% of the annualized contract price entered between the Company and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Company.
5. The Guarantor represents that this Guarantee has been issued after due observance of the appropriate laws in force in India. The Guarantor hereby undertakes that the Guarantor shall obtain and maintain in full force and effect all the governmental and other approvals and consents that are necessary and do all other acts and things necessary or desirable in connection therewith or for the due performance of the Guarantor's obligations hereunder.
6. The Guarantor also agrees that this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of, India.
7. The Guarantor hereby declares and represents that this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.
8. The Guarantor represents and confirms that the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

For & on behalf of (Parent Company/Subsidiary Company)

(Delete whichever not applicable)

M/s _____

Witness:

1. Signature _____
Full Name _____
Address _____

Signature _____
Name _____
Designation _____

Common seal of the Company _____

Witness:

2. Signature _____
Full Name _____

Address _____

INSTRUCTIONS FOR FURNISHING PARENT/SUBSIDIARY COMPANY GUARANTEE

1. Guarantee shall be executed on stamp paper of requisite value and notarized.
2. The official(s) executing the guarantee shall affix full signature (s) on each page.
3. Resolution passed by Board of Directors of the guarantor company authorizing the signatory(ies) to execute the guarantee, duly certified by the Company Secretary shall be furnished along with the Guarantee.
4. Following certificate issued by Company Secretary of the guarantor company shall also be enclosed along with the Guarantee.

“Obligation contained in the deed of guarantee No._____ furnished against tender No. _____ are enforceable against the guarantor company and the same do not, in any way, contravene any law of the country of which the guarantor company is the subject”

FORMAT OF AGREEMENT BETWEEN BIDDER THEIR SISTER SUBSIDIARY/CO-SUBSIDIARY COMPANY AND THE ULTIMATE PARENT/HOLDING COMPANY OF BOTH THE BIDDER AND THE SISTER SUBSIDIARY/CO-SUBSIDIARY (Strike out whichever is not applicable between Ultimate Parent and Holding Company. Similarly strike out whichever is not applicable between Sister Subsidiary and Co-subsidiary Company)

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

This agreement made this ____ day of ____ month ____ year by and between M/s. _____ (Fill in Bidder's full name, constitution and registered office address) _____ hereinafter referred to as "Bidder" of the first part and

M/s. _____ (Fill in full name, constitution and registered office address of Sister Subsidiary/Co-subsidiary Company of the Bidder) herein after referred to as "Sister Subsidiary/ Co-subsidiary" of the second part and

M/s. _____ (Fill in the full name, constitution and registered office address of the Ultimate Parent/Holding Companies of both the subsidiaries) hereinafter referred to as "Ultimate Parent/ Holding Company" of the third part.

WHEREAS

M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their tender No. _____ for _____ and

M/s. _____ (Bidder) intends to bid against the said tender and desires to have a technical support of M/s. _____ (Sister Subsidiary/Co-subsidiary Company) and

Sister Subsidiary/Co-subsidiary Company represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the services as required by the Bidder for successful execution of the contract, if awarded to the Bidder.

Now, it is hereby agreed to by and between all the three parties as follows:

1. M/s. _____ (Bidder) will submit an offer to OIL for the full scope of work as envisaged in the tender document.
2. M/s. _____ (Sister Subsidiary/Co-subsidiary Company) undertakes to provide technical support and expertise and expert manpower, material, if any, to support the Bidder to discharge its obligations as per the Scope of work of the tender / Contract for which offer has been made by the Bidder.
3. This agreement will remain valid till validity of Bidder's offer to OIL including extension if any and also till satisfactory performance of the contract in the event the bid is accepted and contract is awarded by OIL to the Bidder.
4. Sister Subsidiary/ Co-subsidiary Company unconditionally agrees that in case of award of contract to the Bidder, if the Bidder is unable to execute the contract, they shall, immediately on receipt of notice by OIL, take up the job without any demur or objection,

in continuation without loss of time and without any extra cost to OIL and duly perform the obligations of the Bidder/Contractor to the satisfaction of OIL.

- 5. The Ultimate Parent/Holding Company also confirms and undertakes that the commitment made by the Sister Subsidiary/ Co-subsidiary company in providing the technical support and technical expertise and expert manpower to support the Bidder for execution of the contract are honoured.
- 6. The Ultimate Parent/Holding Company also takes full responsibility in getting the contract executed through the Sister subsidiary/ Co-subsidiary company in case the Bidder/Contractor is unable to execute the contract.
- 7. In witness whereof the parties hereto have executed this agreement on the date mentioned above.

For and on behalf of	For and on behalf of	For and on behalf of
(Bidder)	(Sister Subsidiary /	(Ultimate Parent /
	Co-subsidiary)	Holding Company)
M/s.	M/s.	M/s.
Witness	Witness	Witness
1)	1)	1)
2)	2)	2)

Note: In case of contracts involving - (a) manufacture/supply (b) installation and commissioning (c) servicing and maintenance of any equipment, as the bidding company can draw on the experience of their multiple subsidiary sister/Co-subsidiary company (ies) specializing in each sphere of activity, i.e. (a) manufacture/supply (b) installation and commissioning (c) servicing and maintenance, therefore, in that case, the above format shall be signed by all the sister/Co-subsidiary company(ies) and necessary modifications may be made in the above format to include all sister subsidiaries.

.....

PARENT/ULTIMATE PARENT/ HOLDING COMPANY'S CORPORATE GUARANTEE TOWARDS
FINANCIAL STANDING (Delete whichever not applicable)

(TO BE EXECUTED ON COMPANY'S LETTER HEAD)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at this day of by M/s (mention complete name) a company duly organized and existing under the laws of (insert jurisdiction/country), having its Registered Office at hereinafter called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their Tender No. _____ for _____ and M/s _____ (Bidder) intends to bid against the said tender and desires to have Financial support of M/s _____ [Parent/Ultimate Parent/Holding Company(Delete whichever not applicable)] and whereas Parent/Ultimate Parent/Holding Company(Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the Financial support as required by the bidder for qualifying and successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed by the Guarantor to give this Guarantee and undertakes as follows:

1. The Guarantor confirms that the Bidder is a 100% subsidiary of the Guarantor.
2. The Guarantor agrees and confirms to provide the Audited Annual Reports of any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.
3. The Guarantor have an annual financial turnover of minimum Rs. 68.44 crore (or equivalent USD 9.55 million) during any of the preceding 03 (three) financial / accounting years reckoned from the original bid closing date.
4. Net worth of the Guarantor is positive for preceding financial/ accounting year.
5. The Guarantor undertakes to provide financial support to the Bidder for executing the project/job, in case the same is awarded to the Bidder.
6. The Guarantor represents that:
 - (a) this Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Bidder.
 - (b) the liability of the Guarantor, under the Guarantee, is limited to the 50% of the annualized contract price entered between the Bidder and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Bidder.
 - (c) this Guarantee has been issued after due observance of the appropriate laws in force in India.

(d) this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of New Delhi, India.

(e) this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.

(f) the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

for and on behalf of

for and on behalf of

(Parent/Ultimate Parent/Holding Company)

(Bidder)

(Delete whichever not applicable)

Witness:

Witness:

1.

1.

2.

2

GENERAL HSE POINTS

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

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 them 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.

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

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
Tender No. CEG2303P20

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.

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), Bhubaneswar 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), Bhubaneswar 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.

Provisions for procurement of Services pertaining to Oil & Gas business activities covered under Purchase preference Policy (linked with Local Content) (PP-LC).

Purchase preference policy (linked with Local Content) (PP-LC) notified vide letter no.O-27011/44/2015-ONG-II/FP dated 25.04.2017 of MoP&NG

1. In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs - Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy. If a bidder seeks free of cost tender document under the MSE policy, then it shall be considered that the bidder has sought benefit against the MSE policy and this option once exercised cannot be modified subsequently.
2. Bidders seeking Purchase preference (linked with local content) (PP-LC) shall be required to meet / exceed the target of Local Content (LC) of **50%.**

- 2.1 Such bidders shall furnish following undertaking on its letter head along with their techno-commercial bid. The undertaking shall become a part of the contract.

*“We _____ (Name of the bidder) undertake that we meet the mandatory minimum Local Content (LC) requirement i.e. _____ (to be filled as notified at **Enclosure I** of the policy) for claiming purchase preference linked with Local Contents under the Govt. policy against under tender no. _____.”*

- 2.2 Above undertaking shall be supported by the following certificate from Statutory Auditor engaged by the bidder, on the letter head of such Statutory Auditor.

“We _____ the statutory auditor of M/s _____ (name of the bidder) hereby certify that M/s _____ (name of the bidder) meet the mandatory Local Content requirements of the Services i.e. _____ (to be filled as notified at Enclosure I of the policy) quoted vide offer No. _____ dated _____ against OIL tender No. _____ by M/s _____ (Name of the bidder).

Note : In case of bidder(s) for whom Statutory Auditor is not required as per law required certificates shall be provided by a practicing Chartered Accountant.

- 2.3 At the bidding stage the bidder shall provide Break-up of “Local Component” and “Imported Component” in the prescribed format enclosed as **Enclosure – III** of the policy document of the policy and shall be uploaded by the bidders along with their price bid in the e-procurement portal.

3. Eligible (techno-commercially qualified) LC bidder shall be granted a purchase preference to 10% i.e. where the evaluated price is within 10% of the evaluated lowest price of Non Local Content (NLC) bidder, other things being equal. Accordingly, purchase preference shall be granted to the eligible (techno-commercially qualified) LC bidder concerned, at the lowest valid i.e. NLC price bid.

- 3.1 Only those LC bidders whose bids are within 10% of the NLC L1 bid would be allowed an opportunity to match L1 bid. All the eligible LC bidders shall be asked to submit their

confirmation to match their price in sealed envelopes. Envelopes of the bidders shall be opened and award for the prescribed quantity shall be made to the lowest evaluated TA/CA (Techno-Commercial Acceptable) bidder among the eligible LC bidders. In case the lowest eligible LC bidder fails to match L1 price, the next eligible LC bidder will be awarded the prescribed quantity and so on. In case none of the eligible LC bidders matches the L1 bid, the actual bidder holding L1 price will secure the order.

~~4. Order for supply of 50% of the tendered quantity would be awarded to the lowest techno-commercially qualified LC bidder, subject to matching with valid NLC L1 price. The remaining will be awarded to L1 (i.e. NLC bidder). Prescribed 50% tendered quantity for LC bidders shall not be further sub-divided among eligible LC bidders.~~

~~4.1 However, if L1 bidder happens to be a LC bidder, the entire procurement value shall be awarded to such bidder.~~

~~4.2 When the tendered goods/services cannot be divided in the exact ratio of 50% / 50% then OIL reserve the right to award on lowest eligible PP LC bidder for quantity not less than 50%, as may be dividable. For example In case tendered quantity is 3 (not divisible in the ratio of 50:50), PP LC bidder shall get order for 2 nos. only and the rest will go to L 1 (NLC bidder).~~

OR

~~(Alternate clause applicable for cases where tendered quantity cannot be divided).~~

~~4. The tendered quantity is not splittable / non dividable / cannot be procured from multiple sources. Hence, the entire procurement value shall be awarded to the lowest techno-commercially qualified LC bidder subject to matching with valid NLC L1 rates.~~

5. For the purpose of this policy, all terms used vide aforesaid policy shall be governed by the definitions specified at para 2 of the policy document notified by MoP&NG vide letter No. O-27011/44/2015-ONG-II/FP dated 25.04.2017.

6. The successful bidder shall be obliged to fulfill the requirements of quality and delivery time in accordance with the provisions of the Purchase order/contract.

7. OIL shall have the right to satisfy itself of the production capability and product quality of the manufacturer.

8.0 Determination of LC

8.1 LC of Services shall be calculated on the basis of the ratio of service cost of domestic component in service to the total cost of services.

8.2 The total cost of service shall be constituted of the cost spent for rendering of service, covering :

- a) Cost of component (material), which is used.
- b) Manpower and consultant cost, cost of working equipment/facility, and
- c) General service cost, excluding profit, company overhead cost, taxes and duties.

8.3 The criteria for determination of cost of local content in the service shall be as under :

- a) In the case of material being used to help the provision of service, based on country of origin.
- b) In the case of manpower and consultant based on INR component of the services contract.
- c) In the case of working equipment/facility, based on country of origin and
- d) In the case of general service cost, based on the criteria as mentioned in clauses a, b and c above.
- e) Indian flag vessels in operation as on date.

8.4 Determination of Local Content : The determination of local content of the working equipment/facility shall be based on the following provision.

Working equipment produced in the country is valued as 100% (one hundred percent) local content, working equipment produced abroad is valued as much as nil (0% percent) local content.

9.0 Calculation of LC and Reporting

9.1 LC shall be calculated on the basis of verifiable data. In the case of data used in the calculation of LC verifiable, the value of LC of the said component shall be treated as nil.

9.2 Formats for the calculation of LC of services may be seen at **Enclosure-III** of the policy document.

10.0 Certification and Verification

10.1 Bidder seeking Purchase Preference under the policy, shall be obliged to verify the LC of goods as follows :

10.1.2 At bidding stage :

- a) Price Break-up
 - (i) The bidder shall provide break-up of “Local Component” and “Imported Component” along with the price bid as per provisions under clause 2.3.
 - (ii) Bidder must have LC in excess of the specified requirement.
- b) Undertaking by the bidder
 - i. The bidder shall submit undertaking along with the techno-commercial bid as per clause no.2.1, such undertaking shall become a part of the contract.
 - ii. Bidder shall also submit the list of items / services to be procured from Indian manufacturers / service providers.
- c) Statutory Auditor’s Certificate
The Undertaking submitted by the bidder shall be supported by a certificate from Statutory Auditor as per clause 2.2.

10.1.3 After Contract Award

a) In the case of procurement cases with the value less than INR. 5 crore (Rupees Five Crore), the LC content may be calculated (self-assessment) by the contractor and certified by the Director/Authorized Representative of the Company.

b) The verification of the procurement cases with the value Rupees Five Crore and above shall be carried out by a Statutory Auditor engaged by the bidder.

10.2 Each supplier shall provide the necessary local content documentation to the statutory auditor, which shall review and determine the local content requirements have been met and issue of local content certificate to that effect on behalf of OIL, stating the percentage of local content in the good or service measured. The Auditor shall keep all necessary information obtained from suppliers for measurement of Local Content confidential.

10.3 The Local Content certificate shall be submitted along with each invoice raised. However, the % of local content may vary with invoice while maintaining the overall % of Local Content for the total work/purchase of the pro-rata Local Content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.

10.4 Where currency quoted by the bidder is other than Indian Rupee then the bidder claiming benefits under PP-LC shall consider exchange rate prevailing on the date of notice inviting tender (NIT) for the calculation of Local Content.

10.5 OIL shall have the authority to audit as well as witness production processes to certify the achievement of the requisite local content.

11 Sanctions

11.1 OIL shall impose sanction on bidder not fulfilling LC of goods/services in accordance with the value mentioned in certificate of LC.

11.2 The sanctions may be in the form of written warning, financial penalty and blacklisting.

11.3 If the bidder does not fulfill his obligation after the expiration of the period specified in such warning. OIL shall initiate action for blacklisting such bidder/ successful bidder.

11.4 A bidder who has been awarded the contract after availing Purchase Preference is found to have violated the LC provision, in the execution of the procurement contract of goods and/or services shall be subject to financial penalty over and above the PBG value prescribed in the contract and shall not be more than an amount equal to 10% of the Contract Price.

11.4.1 In pursuance of the clause No.11.4 above, towards fulfillment of conditions pertaining to Local Contents in accordance with the value mentioned in the certificate of LC, the bidder shall have to submit additional Bank Guarantee (format attached at **Enclosure B**) equivalent to the amount of PBG.

Proforma of Bank Guarantee towards Purchase Preference – Local Content

Ref. No. _____ Bank Guarantee No. _____
Dated _____

To
Oil India Limited

India

Dear Sirs,

1. In consideration of _____ (hereinafter referred to as OIL, which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and assignees) having entered into a CONTRACT No. _____ dated _____ (hereinafter called 'the CONTRACT' which expression shall include all the amendments thereto) with M/s _____ having its registered/head office at _____ (hereinafter referred to as the 'CONTRACTOR') which expression shall, unless repugnant to the context or meaning thereof include all its successors, administrators, executors and assignees) and OIL having agreed that the CONTRACTOR shall furnish to OIL a Bank guarantee for India Rupees/US\$ _____ for the faithful fulfillment of conditions pertaining to Local Content in accordance with the value mentioned in the certificate of Local Content submitted by the contractor for claiming purchase preference under the Purchase Preference Policy (linked with Local Content).

2. We (name of the bank) _____ registered under the laws of _____ having head/registered office at _____ (hereinafter referred to as "the Bank", which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and permitted assignees) do hereby guarantee and undertake to pay to OIL immediately on first demand in writing any / all money to the extent of Indian Rs./US\$ (in figures) _____ (Indian Rupees/US Dollars (in words) _____) without any demur, reservation, contest or protest and/or without any reference to the CONTRACTOR. Any such demand made by OIL on the Bank by serving a written notice shall be conclusive and binding, without any proof, on the bank as regards the amount due and payable, notwithstanding any dispute(s) pending before any Court, Tribunal, Arbitrator or any other authority and/or any other matter or thin whatsoever, as liability under these presents being absolute and unequivocal. We agree that the guarantee herein contained shall be irrevocable and shall continue to be enforceable until it is discharged by OIL in writing. This guarantee shall not be determined, discharged or affected by the liquidation, winding up, dissolution or insolvency of the CONTRACTOR and shall remain valid, binding and operating against the bank.

3. The Bank also agrees that OIL at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance, without proceeding against the CONTRACTOR and notwithstanding any security or other guarantee that OIL may have in relation to the CONTRACTOR's liabilities.

4. The Bank further agrees the OIL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said CONTRACT or to extend time of performance by the said CONTRACTOR(s) from time to time or to postpone for any time or from time to time exercise of any of the powers vested in OIL against the said CONTRACTOR(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said CONTRACTOR(s) or for any forbearance, act or omission on the part of OIL or any indulgence by OIL to the said CONTRACTOR(s) or any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

5. The Bank further agrees that the Guarantee herein contained shall remain in full force during the period that is taken for the performance of the CONTRACT and all dues of OIL under or by virtue of this CONTRACT have been fully paid and its claim satisfied or discharged or till OIL discharges this guarantee in writing, whichever is earlier.

6. This Guarantee shall not be discharged by any change in our constitution, in the constitution of OIL or that of the CONTRACTOR.

7. The Bank confirms that this guarantee has been issued with observance of appropriate laws of the country of issue.

8. The Bank also agrees that this guarantee shall be governed and construed in accordance with Indian Laws and subject to the exclusive jurisdiction of Indian Courts of the place from where the purchase CONTRACT has been placed.

9. Notwithstanding anything contained herein above, our liability under this Guarantee is limited to Indian Rs./US\$(in figures) _____ (Indian Rupees/US Dollars (in words) _____) and our guarantee shall remain in force until _____(indicate the date of expiry of bank guarantee).

Any claim under this Guarantee must be received by us before the expiry of this Bank Guarantee. If no such claim has been received by us by the said date, the rights of OIL under this Guarantee will cease. However, if such a claim has been received by us within the said date, all the rights of OIL under this Guarantee shall be valid and shall not cease until we have satisfied that claim.

In witness whereof, the Bank through its authorized officer has set its hand and stamp on this _____ date of _____ 20____ at _____

WITNESS NO.1

(Signature)
Full name and official address
(in legible letters)
Stamp

(Signature)
Full name, designation and address
(in legible letters)
With Bank

WITNESS NO.2

Attorney as per power of
Attorney No. _____
Dated _____

(Signature)
Full name and official address
(in legible letters)
Stamp

CALCULATION OF LOCAL CONTENT- SERVICE

NAME OF SUPPLIER OF GOODS/PROVIDER OF SERVICE			Cost Summary				
			Domestic	Imported Rs./Foreign Currency (To be specified by the service provider)	Total	LC	
						%	Rs./Foreign Currency (To be specified by the service provider)
			a	b	c = a+b	d = a/c	e = cxd
A	Cost component						
	I. Material used cost	Rs./Foreign Currency					
	II. Personnel & Consultant cost	Rs./Foreign Currency					
	III. Other services cost	Rs./Foreign Currency					
	IV. Total cost (I to IV)	Rs./Foreign Currency					
B	Taxes and Duties	Rs./Foreign Currency					
C	Total quoted price	Rs./Foreign Currency					

Note:

Total cost (A.IV.c) – Total imported component cost (A.IV.b)

% LC Service = _____ X 100

Total Cost (A.IV.c)

Total domestic component cost (A.IV.a)

% LC Service = _____ X 100

Total Cost (A.IV.c)

As regards cases where currency quoted by the bidder is other than Indian Rupee, exchange rate prevailing on the date of notice inviting tender (NIT) shall be considered for the calculation of Local Content.

--END OF TENDER DOCUMENT--