



Oil India Limited
(A Govt. of India Enterprise)
P.O. DULIAJAN, DIST. DIBRUGARH,
ASSAM, INDIA, PIN-786 602

CONTRACTS DEPARTMENT
TEL: (91) 374-2800548
E-mail: contracts@oilindia.in
Website: www.oil-india.com
FAX: (91)374-2803549

FORWARDING LETTER

M/s _____

Sub: IFB No. CDG5783P15 for Hiring of Consultancy Services for Laboratory and Simulation Study for Feasibility of Application of Alkaline Surfactant Polymer (ASP)/ Surfactant Polymer (SP)/ Alkaline Surfactant (AS) Flooding in OIL's reservoirs of OIL's operational areas of Assam, India.

Dear Sirs,

1.0 OIL INDIA LIMITED (OIL), a "Navaratna" Category, Government of India Enterprise, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas with its Headquarters at Duliajan, Assam. Duliajan is well connected by Air with nearest Airport being at Dibrugarh, 45 km away.

2.0 In connection with its operations, OIL invites International Competitive Bids (ICB) from competent and experienced Contractors through OIL's e-procurement site for **Hiring of Consultancy Services for Laboratory and Simulation Study for Feasibility of Application of Alkaline Surfactant Polymer (ASP)/ Surfactant Polymer (SP)/ Alkaline Surfactant (AS) Flooding in OIL's reservoirs of OIL's operational areas of Assam, India.** One complete set of Bid Document covering OIL's IFB for hiring of above services is uploaded in OIL's e-procurement portal. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through OIL's e-procurement portal. For your ready reference, few salient points of the IFB (covered in detail in the Bid Document) are highlighted below:

- | | | |
|-------|------------------------------------|--|
| (i) | IFB No.: | CDG5783P15 |
| (ii) | Type of IFB: | Single Stage-2(two) Bid System |
| (iii) | Bid Closing Date & Time: | 10.02.2015 at 11-00 hrs (IST) |
| (iv) | Bid Opening Date & Time: | 10.02.2015 at 14-00 hrs (IST) |
| (v) | Priced Bid Opening Date:
& Time | Will be intimated to the eligible
bidders nearer the time |
| (vi) | Bid Submission Mode: | Bid should be uploaded in OIL's E-
Procurement portal |

- | | | |
|--------|--|--|
| (vii) | Bid Opening Place: | Office of the Head-Contracts
Oil India Limited
Duliajan – 786602, Assam, India |
| (viii) | Bid Validity : | 180 days from date of Closing of bid |
| (ix) | Mobilization Time: | Within 30 days from the date of issue of
LOA by OIL |
| (x) | Bid Security Amount: | Rs. 10,10,000.00 or US\$ 15,850.00 |
| (xi) | Bid Security Validity: | 210 days from date of closing of bid. |
| (xii) | Amount of Performance:
Guarantee | 7.5 % of estd. total contract cost. |
| (xiii) | Validity of Performance Security: | Up to 3 months from date of completion of
contract |
| (xiv) | Duration of the Contract: | 14 months from the date of
commencement of contract. |
| (xv) | Quantum of Liquidated Damage:
for Default in Timely Mobilization | 0.5% of the Total contract cost
for delay per week or part thereof subject
to maximum of 7.5%. |
| (xvi) | Quantum of Liquidated Damage:
for Default in Timely submission
of Final Report | 0.5% of the Total contract cost
for delay per week or part thereof
subject to maximum of 7.5%. |
| (xvii) | Bids to be addressed to: | HEAD-CONTRACTS
OIL INDIA LIMITED
DULIAJAN - 786 602
ASSAM, INDIA |

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

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

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

4.2 Bidders must have a valid User ID to access OIL e-Procurement site for submission of bid. Vendors having User ID & password can purchase bid documents **on-line through OIL's electronic Payment Gateway**. New vendor shall obtain User ID & password through online vendor registration system in e-portal and can purchase bid documents subsequently in the similar manner. Alternatively parties can write to Head-Contracts, OIL INDIA LTD., Duliajan(Assam) in their official letter head giving the detailed address and E-mail letter along with the cost of bid document(non-refundable) as indicated in the NIT for issue of the User ID and password for accessing the E-procurement tender which must reach Head-Contract's Office on or before the last date of sale. The User ID shall be intimated to the eligible parties through email on receipt of the requisite cost of the bid document.

4.3 Parties shall be eligible for accessing the tender in E-portal after OIL enables them in the E-portal after receipt of the requisite cost of the bidding document.

4.4 In case any bidder is eligible for exemption from paying the tender fee, they should request OIL with supporting documents for issue of the User ID Password/Tender Document on free of charge basis.

4.5 Parties, who do not have a User ID, can click on **Guest** login button in the 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 Mr. A. J. Sarmah, Sr. Manager (ERP-MM) at arupsarmah@oilindia.in, Ph.: 09954486025(M).

5.0 **IMPORTANT NOTES:**

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 superscribed with OIL's IFB No., Bid Closing date and marked as "Original Bid Security" and addressed to Head-Contracts, Contracts Department, Oil India Limited, Duliajan-786602, Assam(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 Head-Contract's office at Duliajan on or before 12.45 Hrs(IST) on the technical 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 online in OIL's E-procurement site up to 11.00 AM (IST)(Server Time) on the date as mentioned and will be opened on the same day at 2.00 PM(IST) at the office of the Head-Contracts in presence of the authorized representatives of the bidders.
- iii) If the digital signature used for signing is not of "Class -3" with Organizations name, the bid will be rejected.
- iv) The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidders shall submit both the "TECHNICAL" and "PRICED" bids through electronic form in the OIL's e-Procurement portal within the Bid Closing Date and Time stipulated in the e-Tender. The Technical Bid should be submitted as per Scope of Work & Technical Specifications along with all technical documents related to the tender and uploaded **"Technical RFx Response" Tab only. Bidders to note that no price details should be uploaded in "Technical RFx Response" 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 shown below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in Part-2 (Refer Clause 1.0 of (B) Commercial.**

Display RFx Response:

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

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

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

Basic Data | Questions

Event Parameters

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

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

Created E
 Last Processed C
 Last Processed E

Partners and Delivery Information

Details | Send E-Mail | Call | Clear

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

Go to this Tab **"Technical RFx Response"** for Uploading "Technical Bid".

Go to this Tab **"Notes and Attachments"** for Uploading "Priced Bid"

On “EDIT” Mode- The following screen will appear. Bidders are advised to upload “Technical Bid” and “Priced Bid” in the places as indicated above:

The screenshot shows the 'Edit RFX Response' window. At the top, there is a menu bar with options: Submit, Read Only, Print Preview, Check, Technical RFX Response, Close, Save, Verify signature of Response, and Sign Response. Below this, a header section displays key information: RFX Response Number 60006452, RFX Number TEST2, Status Withdrawn, Submission Deadline 13.04.2013 11:00:00 INDIA, RFX Owner WIPRO_TEST1, Total Value 0.00 INR, RFX Response Version Number 2, and RFX Version Number 5. A tabbed interface below the header includes 'RFX Information', 'Items', 'Notes and Attachments' (which is active), 'Conditions', 'Summary', and 'Tracking'. The 'Notes' section has an 'Add' button and a table with columns 'Assigned To', 'Category', and 'Text Preview'. The 'Attachments' section has buttons for 'Sign Attachment', 'Add Attachment', 'Edit Description', 'Versioning', 'Delete', and 'Create Qualification Profile', followed by a table with columns 'Assigned To', 'Category', 'Description', 'File Name', 'Version', 'Processor', and 'Checked'. Two callout boxes with red arrows point to specific areas: one points to the 'Technical RFX Response' menu item and is labeled 'Bid on “EDIT” Mode'; the other points to the 'Add Attachment' button and is labeled 'Area for uploading Priced Bid**'. A third callout box points to the 'Notes' section and is labeled 'Area for uploading Technical Bid*'. A message at the bottom of the Attachments table states 'The table does not contain any data'.

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, first click on Sign Attachment, a browser window will open, select the file from the PC and click on “Sign” to sign the file. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

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

Thanking you,

Yours faithfully,
OIL INDIA LIMITED

(T K Gupta)
HEAD-CONTRACTS
For RESIDENT CHIEF EXECUTIVE

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.

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 mobilizations
- (b) Instructions to Bidders, (Part-1)
- (c) Bid Evaluation Criteria/Bid Rejection Criteria, (Part-2)
- (d) General Conditions of Contract, (Part-3, Section-I)
- (e) Terms of Reference/Technical Specification, (Part-3, Section-II)
- (f) Special Conditions of Contract, (Part-3, Section-III)
- (g) Schedule of Rates, (Part-3, Section-IV)
- (h) Estimated CIF value of items at the time of import, (Proforma-A)
- (i) Price Schedule Format, (Proforma-B)
- (j) Bid Form, (Proforma-C)
- (k) Statement of Non-Compliance, (Proforma-D)
- (l) Bid Security Form, (Proforma-E)
- (m) Performance Security Form, (Proforma-F)
- (n) Agreement Form, (Proforma-G)
- (o) Proforma of Letter of Authority, (Proforma-H)
- (p) Authorisation for Attending Bid Opening, (Proforma-I)
- (q) Record of Bidders past relevant experience, (Proforma-J)
- (r) Integrity Pact Proforma, (Annexure-A)

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

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". All prospective bidders to whom Company has issued the Bidding Documents shall also be intimated about the amendments through post/courier or by Fax or e-mail. 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 shall also 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.**

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 and equipment specifications with catalogue, etc.
- (ii) Documentary evidence established in accordance with Clause 10.0.
- (iii) Bid Security (scanned) in accordance with Clause 11.0 hereunder. Original Bid Security should be sent as per Clause No. 11.10 below.
- (iv) Copy of Bid-Form without indicating prices in Proforma-C
- (v) Statement of Non-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.

(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.

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 customs duty which will be borne by the Company) and taxes (excluding Service Tax) including Corporate Income Tax, Personal Tax, Assam Entry Tax etc. and other Cess/levies payable by the successful bidder under the Contract for which this Bid Document is being issued, shall be included in the rates, prices and total Bid Price submitted by the bidder, and the evaluation and comparison of bids shall be made 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 REJECTION CRITERIA (BRC) / 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 11.8.

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 any one of the following forms:

(a) A Bank Guarantee or irrevocable Letter of Credit in the prescribed format vide **Proforma-E** or in another form acceptable to the Company: Bank Guarantee/LC issued from any of the following Banks only will be accepted:

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

The Bank Guarantee / LC shall be valid for 30 days beyond the validity of the bids 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.

(b) A Cashier's cheque or Demand Draft drawn on 'Oil India Limited' and payable at Duliajan, Assam.

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

11.4 Any bid not secured in accordance with **sub-clause 11.2** above shall be rejected by the Company as non-responsive.

11.5 The bidders shall extend the validity of the Bid Security suitably, if and when specifically advised by OIL, at the bidder's cost.

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

11.7 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.

11.8 Bid Security shall not accrue any interest during its period of validity or extended validity.

- 11.9 The Bid Security may be forfeited:
- i) If any bidder withdraws their Bid during the period of bid validity.
 - ii) If any bidder alters their Bid during the period of bid validity or if the bidder increases the price during the period of bid validity.
 - iii) If the bidder does not accept the LOA issued by Company within the validity of the bid.
 - iv) If the bid is accepted by OIL, and work is awarded but the contractor does not furnish the Performance Security.
- 11.10 In case any bidder withdraws their bid during the period of bid validity, Bid Security will be forfeited and the party shall be debarred for a period of 2(two) years.
- 11.11 **The scanned copy of the original Bid Security in the form of either Bank Guarantee or LC or Cashier Cheque or Bank Draft must be uploaded by bidder along with the Technical bid in the “Technical RFx Response” of OIL’s E-portal.** The original Bid Security shall be submitted by bidder to the office of Head-Contracts, Oil India Ltd., Duliajan-786602(Assam), India in a sealed envelope which must reach Head-Contract’s office on or before 12.45 Hrs (IST) on the Bid Closing date failing which the bid shall be rejected.

12.0 EXEMPTION FROM SUBMISSION OF BID SECURITY:

- 12.1 Central Govt. offices, Central Public Sector undertakings and firms registered with NSIC /Directorate of Industries are exempted from submitting Bid Security. However the firms registered with NSIC /Directorate of Industries shall have to submit evidence that they have a current and valid registration for the service they intend to bid including the prescribed monetary limit.

13.0 PERIOD OF VALIDITY OF BIDS:

- 13.1 Bids shall remain **valid for 180** 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 180 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.

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.

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

If any modifications are made to a document after attaching digital signature, the digital signature shall again be attached to such documents before uploading the same. The Power of Attorney in original shall be submitted by bidder as mentioned in Para 15.1 below.

The authenticity of above digital signature shall be verified through authorized CA after bid opening and in case the digital signature is not of "Class-3" with organization name, the bid will be rejected.

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

- 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 Annexures and Proforma (wherever applicable) and copies of documents in electronic form through OIL's e-procurement portal within the Bid Closing Date & Time stipulated in the e-tender. For submission of Bids online at OIL's E-Tender Portal, detailed instructions is available in **"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 RFx Response" 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 RFx Response", otherwise bid shall be rejected.** The priced bid should not be submitted in physical form which shall not be considered.

However, the following documents in two sets should necessarily be submitted in physical form in sealed envelope superscribing the "IFB No., Brief Description of services and Bid Closing/Opening date & Time along with the bidder's name and should be submitted to Head-Contracts, Oil India Ltd., Duliajan-786602(Assam) on or before 12.45 Hrs(IST) on the bid closing date indicated in the IFB :

- i) The Original Bid Security along with 2(two) copies
- 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/Telex/Telegraphic/Telephonic 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 non-compliance to each clause as per Proforma-D of the bid document 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 on-line 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 has been submitted by the bidder. Bidder may however request Head-Contracts, Oil India Ltd., Duliajan for returning their bids/quote before the original bid closing date and time for resubmission. But no such request would be entertained once the submission deadline has reached or bids are opened.

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 12.45 Hrs(IST) on the Bid Closing Date mentioned in the "Forwarding Letter". Timely delivery of the same at the address mentioned in the Forwarding Letter is the responsibility of the Bidders.

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 by written notice prior to Bid Closing Date & Time.

- 19.2 The Bidder's modification or withdrawal notice may also be sent by fax/e-mail but followed by a signed confirmation copy, postmarked not later than the deadline for submission of Bids.
- 19.3 No Bid can be modified or withdrawn subsequent to the deadline for submission of Bids.
- 19.4 Once a withdrawal letter is received from any bidder, the offer will be treated as withdrawn and no further claim/correspondences will be entertained in this regard.
- 19.5 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.

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. In case of receipt of only one Bid on the Bid Closing Date and Time, OIL may extend the Bid Closing /Opening Date by 2(two) weeks. However, the bidder whose bid has been received within the bid closing date and time, will not be allowed to revise their Bid/prices. Withdrawal of such Bid is also not permitted.

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 RFx Response" will be opened. Bidders therefore should ensure that technical bid is uploaded in the "Technical RFx Response" 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 Bid for which an acceptable notice of withdrawal has been received 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.
- 21.5 Company shall prepare, for its own records, minutes of bid opening including the information disclosed to those present in accordance with the sub-clause 21.3.
- 21.6 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.
- 21.7 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.
- 21.8 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.
- 21.9 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.

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 Priced bids of the unsuccessful bidders which remain unopened with OIL, may be returned to the concerned bidders on request only after receipt of Performance Security from the successful bidders after issue of Letter of Award (LOA) by OIL.
- 22.3 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.
- 22.4 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 REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC), PART-2** of the Bid Documents.

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 parties rupee payments made on the basis of the accepted rupee component of their bid, would not be repatriable by them.

A condition to this effect would be incorporated by the Company in the contract.

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:

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:

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 unsuccessful Bidder and will discharge their Bid Security, pursuant to **Clause 11.0** hereinabove.

29.0 PERFORMANCE SECURITY:

29.1 Within 2(two) weeks of 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 Bank Guarantee (BG) or an irrevocable Letter of Credit (L/C) from any of the following Banks:

- i) Any Nationalised / Scheduled Bank in India OR
- ii) Any Indian branch of a Foreign Bank OR

- iii) Any reputed foreign Bank having correspondent Bank in India

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

- 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 debarred for a period of 2(two) years from the date of default.

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 Within 30 days of issue of LOA, the successful Bidder shall sign and date the contract and return it to the Company. Till the contract is signed, the LOA issued to the successful bidder shall remain binding amongst the two parties.
- 30.3 In the event of failure on the part of the successful Bidder to sign the contract within the period specified above or any other time period specified by Company, OIL reserves the right to terminate the LOA issued to the successful Bidder and invoke the Bid Security or the Performance Security if submitted by the successful Bidder. The party shall also be debarred for a period of 2(two) years from the date of default.

31.0 FURNISHING FRAUDULENT INFORMATION/DOCUMENTS :

If it is found that a bidder/contractor has furnished fraudulent information / documents, the Bid Security/Performance Security shall be

forfeited and the party shall be debarred for a period of 3(three) years from the date of detection of such fraudulent act besides the legal action.

32.0 CREDIT FACILITY:

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

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 returned by the bidder (along with the technical Bid) duly signed by the same signatory who signed the Bid i.e. who is duly authorized to sign the Bid. Uploading the Integrity Pact in the OIL's E-portal with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who has signed the bid. If any bidder refuses to sign Integrity Pact or declined to submit the Integrity Pact, their bid shall be rejected straightway
- 34.2 OIL has appointed Shri N. Gopalaswami, IAS (Retd), Ex-CEC and Shri R. C. Agarwal, IPS(Retd) as Independent Monitors(IEMs) for a period of 3(three) years to oversee implementation of Integrity Pact in OIL. Bidders may contact the Independent Monitors for any matter relating to the IFB at the following addresses:
- a. Shri N. Gopalaswami, IAS(Retd), Ex-CEC, Phone No. : 91-44-2834-2444(Res), 91-9600144444(Cell) ; E-mail : gopalaswamin@gmail.com
 - b. Shri R. C. Agarwal, IPS(Retd), Phone No. : 91-11-22752749(Res), 91-9810787089(Cell) ; E-mail : rcagarwal@rediffmail.com

35.0 LOCAL CONDITIONS:

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

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

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.

END OF PART - 1

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PART-2

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

- I. BID REJECTION CRITERIA (BRC):** The bid shall conform generally to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to required parameters stipulated in the technical specifications. Prospective bidders are advised to ensure that their bids are complete in all respects and conform to OIL's terms, conditions and bid evaluation criteria of the tender, for avoiding rejection of their bid. Also, it may not be feasible for OIL to seek clarifications in respect of incomplete offers. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected:
- A. TECHNICAL:**
- 1.1. EXPERIENCE:**
- 1.1.1 Bidder must be oil and gas consultancy firm (either single or in consortium) with experience in multidisciplinary integrated studies related to chemical EOR especially on Application of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) flooding. The bidders must meet the following criteria of experience:
- i) The bidder must have Minimum fifteen (15) years experience in consultancy work related to SP/ASP/AS EOR studies.
 - ii) The bidder must have carried out at least 03 (three) Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP)/ Alkali Surfactant (AS) flooding EOR studies for pilot / field implementation.
- 1.1.2 In support of the experience, the bidder must furnish documentary evidences, at least self-certified. The bidder must furnish the names and addresses of the clients along with the name & nature of the projects in the bid.
- 1.2 The bidder must confirm to deploy an integrated team consisting of a Leader (having minimum of 15 years of experience in SP/ASP/AS EOR projects), and geoscientists/engineers/ technologists /chemists as team members having a minimum of 5 years experience in consultancy projects related to SP/ASP/AS EOR. Necessary experience certificates/ profile of the persons deputed for the job must accompany the bid.
- 1.3 The bidder must confirm in their bid the availability of state-of-the-art geological modelling software (PETREL/ ROXAR or similar) and simulator (ECLIPSE/ PETREL RE/ VIP/ CMG STAR or similar suite of softwares). If the Reservoir Simulation studies are carried out using softwares other than PETREL and PETREL RE/ ECLIPSE suites, then the bidder must ensure that these models are handed over to OIL in a format compatible to load and run in PETREL and ECLIPSE/ PETREL RE available with OIL, and models should be upgradable with new data in future. In such a case,

the bidder must give written assurance in the bid that this would incur no additional cost to OIL. OIL's personnel will be allowed free access to the use of the softwares during the course of this study.

2.0 Annual Turnover:

The bidder shall have an average Annual financial turnover of minimum Rs. 3.00 Crore or USD 507,500.00 during the last 3(three) years ending 31.03.14 (for Accounting Year April-March) and 31.12.13 (for calendar Year Accounting year). Documentary evidence in the form of Audited Balance Sheet and Profit & Loss Account for the last three years ending 31.03.14 or 31.12.13 as applicable should be submitted along with the technical bid. In case the audited Balance sheet and Profit Loss Account along with the bid are in currencies other than Rs. or USD, the bidder shall have to convert the figures in equivalent Rs. or USD considering the prevailing conversion rate on the date on which the audited Balance sheet and Profit and Loss Account is signed.

- 3.0 Offers indicating mobilization time more than 30 days from the date of issuance of LOA and start work thereafter will be summarily rejected.
- 4.0 The bidder must have a state-of-the-art laboratory (either single or in consortium) for carrying out chemical EOR studies.
- 5.0 The bidder must confirm availability and willingness to depute key personnel for supervision and guidance, if OIL decides for pilot / field implementation of the study.

B. COMMERCIAL – BID SUBMISSION

- 1.0 Bids shall be submitted under single stage two Bid system i.e. Technical Bid and Priced Bid separately in the OIL's e-Tender portal. The Technical Bid is to be uploaded as per Scope of Work & Technical Specification of the tender in **“Technical Rfx Response” Tab** and Priced Bid as per Proforma-B uploaded in the **“Notes & Attachments” Tab**. Bids shall be rejected outright if the prices are indicated in the technical bids. Bids not conforming to this two bid system shall be rejected outright.
- 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 will 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 Head-Contract's office at Duliajan on or before 12.45 Hrs(IST) on the bid closing date. 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 will be rejected.

- 5.0 The Integrity Pact must be uploaded in OIL's E-Procurement portal along with the Technical Bid digitally signed by the same signatory who digitally signed the Bid i.e. who is duly authorized to sign the Bid.
- 6.0 Physical Bids, if any received from the bidders, shall not be considered and will be rejected.
- 7.0 Bids submitted after the Bid Closing Date and Time will be rejected.
- 8.0 Bids received through the e-procurement portal shall only be accepted. Bids received in any other form shall not be accepted.
- 9.0 The bid documents are non-transferable. Bid can only be submitted in the name of the bidder in whose name the User ID and Password have been issued. Unsolicited bids will not be considered and will be straightway rejected.
- 10.0 Bids shall be typed or written in indelible ink and shall be digitally signed by the bidder or his authorised representative.
- 11.0 Any physical documents wherever called for, submitted by bidders shall contain no interlineations, white fluid erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such correction shall be initialled by the person or persons who has/have digitally signed the Bid.
- 12.0 Any Bid containing false statement will be rejected.
- 13.0 Bidders must quote clearly and strictly in accordance with the price schedule outlined in "Price Bid Format" of Bid Document, otherwise the Bid will be summarily rejected.
- 14.0 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.
- 15.0 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 Clause
 - ii) Force Majeure Clause
 - iii) Tax Liabilities Clause
 - iv) Arbitration Clause
 - (iv) Acceptance of Jurisdiction and Applicable Law
 - (v) Liquidated damage and penalty clause
 - (vi) Safety & Labour Law
 - (vii) Termination Clause
 - (viii) Integrity Pact

C. GENERAL

- 1.0 In case bidder takes exception to any clause of bid document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by Company. The loading so done by the Company will be final and binding on the reserves the right to ask the bidder for clarification in respect of bidders.
- 2.0 To ascertain the substantial responsiveness of the Bid the Company reserves the right to ask the bidder for clarifications in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the Company, failing which the offer will be summarily rejected.
- 3.0 If any of the clauses in the BRC contradict with other clauses of the Bid Document elsewhere, then the clauses in the BRC shall prevail.

II. BID EVALUATION CRITERIA (BEC) :

The bids conforming to the technical specifications, terms and conditions stipulated in the bid documents and considered to be responsive after subjecting to the Bid rejection criteria will be considered for further evaluation as per the Bid evaluation criteria given below:

- 1.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.
- 2.0 For conversion of foreign currency into Indian currency for evaluation of Bids, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of priced bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceeds 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.
- 3.0 The bidders must quote their charges/rates in the manner as called for vide “Schedule of Rates” under **Section - IV** and the summarized Price Bid format vide enclosed **Proforma - B**.
- 4.0 The quantities shown against each item in the “Price Bid Format (i.e. in Proforma-B)” shall be considered for the purpose of Bid Evaluation. It is, however, to be clearly understood that the assumptions made in respect of the quantity/parameters for various operations are only for the purpose of evaluation of the bid and the Contractor will be paid on the basis of the actual quantity/parameter, as the case may be.

5.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made subject to loading for any deviation. Commercial Bids shall be evaluated taking into account the rates quoted in the **Price Bid Format (Proforma-B)** by taking into account the summation of the following:

Important Milestones	Phase	Job Description	Unit	Qty	Rate	Total
					Currency	
1.	I	a) Data collection and visit to OIL's field installation. Submission of interim report on data availability and additional data required and review of existing testing facilities in Chemical and R&D department.	Lumpsum	1	A	
2.	II	b) Laboratory Study of samples collected. Screening of surfactants for SP/ASP and polymer for various reservoirs. Lab scale core flood results under various scenarios and presentation at Duliajan	Lumpsum	1	B	
3.	III	c) Dynamic Modeling of candidate reservoir including identification & design of pilot area/areas Review of history matched Geocellular Model, identification and design of pilot areas, performance prediction, prediction cases incorporating the findings of Laboratory results of SP/ASP/AS flooding. Development scenarios with various simulation cases	Lumpsum	1	C	
4.	IV	d) Recommendation for optimum field redevelopment plan and pilot scale as well as field implementation of SP/ ASP/ AS flooding Draft report and presentation at Duliajan	Lumpsum	1	D	

5.	V	e) Submission of Final Report and presentation on the entire project incorporating OIL's views / comments at Duliajan and presentation on the entire project incorporating OIL's views / comments at Duliajan or Noida INCLUDING Technical support	Lumpsum	1	E	
Total Cost of the Contract, T = A + B + C + D + E						

**TOTAL ESTIMATED COST OF THE CONTRACT, T = A + B + C + D + E
INCLUDING ALL TAXES & DUTIES BUT EXCLUDING
SERVICE TAX WHICH SHAL BE EXTRA TO OIL**

Where **A = Lumpsum for Phase-I**
 B = Lumpsum for Phase-II
 C = Lumpsum for Phase-III
 D = Lumpsum for Phase-IV
 E = Lumpsum for Phase-V

NOTE:

1. To and fro Travel cost of the Consultants including airfare, en-route expenses etc. should be included in the quoted rates. OIL shall however provide accommodation and local transport at Duliajan on Free of Charge basis.
 2. Bidder must include all liabilities and taxes including statutory liabilities but excluding Service Tax which will be borne by Company (OIL).
 3. Percentage of Indian Agency Commission, if any, should be included in above rates (Please also indicate name & address of your Indian agent, if any).
 4. The items mentioned in above clause are to be read in conjunction with Schedule of Rates in Section IV.
- 6.0 **CUSTOMS DUTY** : The services under this Contract shall be carried out in ML/PEL areas of the Company which have been issued or renewed to Company after 01/04/99 and therefore, Customs Duty on the imported items/equipment/consumables under this Contract presently shall be Nil. Bidders should take note of the same while quoting. No customs duty is therefore considered for evaluation.

END OF PART - 2

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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) "The Work" means each and every activity required for the successful performance of the services described in Section II, the Terms of Reference.
- (d) "Company" or "OIL" means Oil India Limited;
- (e) "Contractor" means the Contractor performing the work under this Contract.
- (f) "Contractor's Personnel" means the personnel to be provided by the Contractor to provide services as per the contract.
- (g) "Services" means the work specified in Section-II, Part-3 and all other obligations to be complied with by Contractor pursuant to and in accordance with the terms of this contract.
- (h) "Specification" means the description of the Services and/or Equipment set out in Section-II
- (i) "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.
- (j) "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.
- (k) "Willful 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.

- 2.0 **EFFECTIVE DATE, MOBILISATION TIME, DATE OF COMMENCEMENT OF THE CONTRACT AND DURATION OF CONTRACT:**
- 2.1 **EFFECTIVE DATE** : The contract shall become effective as of the date Company notifies Contractor in writing (through Letter of Award) that it has been awarded the contract. Such date of notification of award of Contract will be the Effective Date of Contract.
- 2.2 **MOBILISATION TIME:** The Contractor shall have to complete mobilization within 30 days from date of issue of LOA (Letter of Award). Mobilisation shall be deemed to be completed as soon as the consultant will make visit to OIL Head Quarter, Duliajan for review and collection of available data as envisaged under the Contract duly certified by the Company's authorized representative.
- 2.3 **DATE OF COMMENCEMENT OF CONTRACT:** The date on which the mobilization is completed in all respects and the Contractor is in readiness to commence the work shall be treated as date of commencement of Contract.
- 2.4 **DURATION OF CONTRACT:** The duration/completion time of the Contract shall be 14 (fourteen) Months from the date of Commencement of 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 (Section II) in most economic and cost effective manner.
- 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 his 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.

4.2 Allow Contractor and his personnel 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 the contract.

5.0 **PERSONNEL TO BE DEPLOYED BY CONTRACTOR**

5.1 Contractor warrants that they will provide competent, qualified and sufficiently experienced personnel to perform the work correctly and efficiently and shall ensure that such personnel observe applicable Company and statutory safety requirement. Upon Company's written request, Contractor, entirely at their own expense, shall remove immediately, from assignment to the work, any personnel of the Contractor determined by the Company to be unsuitable and shall promptly replace such personnel with personnel acceptable to the Company without affecting Company's work.

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

5.3 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 within 3(three) months after completion of the Contract 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. 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 ;
 - i) 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;
 - ii) is lawfully possessed by Contractor before receipt thereof from Company which should be immediately informed to Company;
 - iii) is developed by Contractor independently of the information disclosed by Company which should be shared with the Company;
 - v) Contractor is required to produce before competent authorities or by court order subject to prior permission from Company;

8.0 **TAXES:**

- 8.1 Tax levied on Contractor as per the provisions of Indian Income Tax Act and any other enactment/rules on income derived/payments received under the contract will be on Contractor's account.
- 8.2 Contractor shall be responsible for payment of personal taxes, if any, for all the personnel deployed in India by Contractor.
- 8.3 The Contractor shall furnish to the Company, if and when called upon to do so, relevant statement of accounts or any other information pertaining to work done under the contract for submitting the same to the Tax authorities, on specific request from them in accordance with provisions under the law. Other than the information provided by the Contractor, the Contractor shall not be responsible for any inaccurate information provided by the Company to the Tax authorities and the Company shall indemnify the Contractor for all claims, expenses, costs or losses of any nature arising from such inaccuracy. Contractor shall be responsible for preparing and filing the return of income etc. within the prescribed time limit to the appropriate authority.
- 8.4 Prior to start of operations under the contract, the Contractor shall furnish the Company with the necessary documents, as asked for by the Company and/ or any other information pertaining to the contract, which may be required to be submitted to the Income Tax authorities at the time of obtaining "No Objection Certificate" for releasing payments to the Contractor.
- 8.5 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, sales tax, octroi, etc. on purchases and sales made by Contractor (except customs duty) shall be borne by the Contractor.
- 8.8 Service Tax: The price excludes Services Tax and the service tax as applicable shall be to the Company account. The Service tax amount on the taxable part of the services provided by the Contractor shall be paid by the Company as per provisions of the Service Tax Act.

9.0 **INSURANCE:**

- 9.1 The Contractor shall arrange insurance to cover all risks in respect of their personnel, materials and equipment(except when tools/equipment are below Rotary Table or in the well bore) belonging to the Contractor or its 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 insurances amongst others except when tools/equipment are below Rotary Table or in the well bore :
- a) Workmen compensation insurance as required by the laws of the country of origin of the employee.
 - b) Employer's Liability Insurance as required by law in the country of origin of employee.
 - c) General Public Liability Insurance or Comprehensive General Liability insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of Contractor required to fulfil the provisions under this contract.
 - d) Contractor's equipment used for execution of the work hereunder shall have an insurance cover with a suitable limit (as per international standards) except when tools / equipment are below Rotary Table or in the well bore or Contractor may self-insure its tools/ equipment.
 - e) Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits as governed by Indian Insurance regulations.
 - f) Public Liability Insurance as required under Public Liability Insurance Act 1991, if applicable.
- 9.3 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-Contractor to provide such of the foregoing insurance coverage as Contractor is obliged to provide under this Contract and inform the Company about the coverage prior to the commencement of agreements with its sub-Contractors.
- 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.

10.0 CHANGES:

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

10.2 If any change result in an increase in compensation due to Contractor or in a credit due to Company, Contractor shall submit to Company an estimate of the amount of such compensation or credit in a form prescribed by Company. Such estimates shall be based on the rates shown in the Schedule of Rates (Section IV). 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 days. Parties will have the right to terminate the Contract if such 'force majeure' conditions continue beyond fifteen (15) days with prior written notice. Should either party decide not to terminate the Contract even under such condition, no

payment would apply after expiry of fifteen (15) days force majeure period unless otherwise agreed to.

12.0 **TERMINATION:**

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

12.2 **TERMINATION ON ACCOUNT OF FORCE MAJEURE:** Either party shall have the right to terminate 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 upto 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 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 30 (thirty) days written notice to the Contractor due to any other reason not covered under the above clause from 12.1 to 12.6 and in the event of such termination the Company shall not be liable to pay any cost or damage to the Contractor except for payment for services as per the Contract upto the date of termination including the De-mob cost, if any.

12.8 **CONSEQUENCES OF TERMINATION:** In all cases of termination herein set forth, the 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.

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
Upto Rs. 5 Crore	Sole Arbitrator	OIL
Above Rs. 5 Crore	3 Arbitrators	One Arbitrator by each party and the 3 rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators.

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

4. Parties agree that there will be no objection if the Arbitrator appointed holds equity shares of OIL and/or is a retired officer of OIL/any PSU. However, neither party shall appoint its serving employees as arbitrator.
5. If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same ; otherwise, he shall proceed de novo.
6. Parties agree that neither shall be entitled for any pre-reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.

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

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

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

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

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

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

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

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

14.0 NOTICES:

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

Company

- a) **For contractual matters**
Head (Contracts)
OIL INDIA LIMITED
PO DULIAJAN - 786602
ASSAM, INDIA
Fax No. 91-374-2803549
Email: contracts@oilindia.in

- b) **For technical matters**
General Manager (G&R)
OIL INDIA LIMITED
PO Duliajan - 786602,
Assam, India
Fax No. 91-374-2800411
Email: g&r@oilindia.in

- c) **Contractor**

Fax No. :
Tel No. :
E-mail :

- 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 (ies). 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 FOR DEFAULT IN TIMELY MOBILISATION:**

- 17.1 Time is the essence of this Contract. In the event of the Contractor's default in timely mobilization for commencement of work within the stipulated period, the Contractor shall be liable to pay liquidated damages at the rate of 0.5 % of the estimated total Contract value per week or part thereof of delay subject to maximum of 7.5%. Liquidated Damages will be reckoned from the date after expiry of the scheduled mobilisation period till the date of commencement of Contract as defined in Clause 2.0 of Section-I.

- 17.1.1 If the Contractor fails to mobilise within 15 weeks after the stipulated date, then the Company reserves the right to cancel the Contract without any compensation whatsoever.
- 17.2 **LIQUIDATED DAMAGES FOR DELAY IN SUBMISSION OF FINAL REPORT:** In case there is delay in submission of the Final report as per the schedule of Completion (as per Sub-Clause 2.4 of Section-I) due to the reasons attributable to the Contractor, the Contractor shall be liable to pay liquidated damages at the rate of 0.5% of the estimated total contract value per week or part thereof of delay subject to maximum of 7.5%. Liquidated Damages will be reckoned from the date after expiry of the scheduled report submission period till the actual submission of the report as defined in Clause 2.4 of Section-I.
- 17.2.1 The Company also reserves the right to cancel the Contract without any compensation whatsoever in case of failure to Complete the work within the stipulated period. In the event of non-completion of the jobs as per the provisions of this contract, the company reserves the right to claim back the amount already paid to the contractor. Any part/phase completion, barring the final phase, will be regarded as non-completion of the contract and loss of time & cost to the company.
- 17.3 However, the maximum amount of Liquidated Damages for both delay in Mobilisation and delay in submission of final report combined shall not exceed 7.5% of total contract value.
- 18.0 **PERFORMANCE SECURITY:** The Contractor has furnished to Company a Bank Guarantee No. _____ dated _____ issued by _____ for _____ (being 7.5 % of the estimated Total Contract Price) valid till _____ towards performance security. The performance security shall be payable to Company as compensation for any loss resulting from Contractor's failure to fulfil their obligations under the Contract. In the event of extension of the Contract period, the validity of the bank guarantee shall be suitably extended by the Contractor. The bank guarantee will be discharged by Company not later than 30 days following its expiry.
- 19.0 **ASSOCIATION OF COMPANY'S PERSONNEL:** Company's engineer 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 shall have any liability or responsibility whatsoever for injury to, illness, or death of any employee of the Contractor and/or of its Contractors or sub-contractor irrespective of how such injury, illness or death is caused and even if caused by the negligence of Company and/or its servants, agents nominees, assignees, Contractors and sub-contractors. Contractor shall protect, defend, indemnify and hold harmless Company from and against such liabilities and any suit, claim or expense resulting there from.
- 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 **INDEMNITY AGREEMENT:**
- 22.1 Except as provided hereof Contractor agrees to protect, defend, indemnify and hold Company harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in favour of Contractor's employees, agents, contractors and sub-contractors or their employees on account of bodily injury or death, or damage to personnel/property as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.
- 22.2 Except as provided hereof Company agrees to protect, defend, indemnify and hold Contractor harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in favour of Company's employees, agents, contractors and sub-contractors or their employees on account of bodily injury or death, or damage to personnel/property as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.
- 23.0 **INDEMNITY APPLICATION:** The indemnities given herein above, whether given by Company or Contractor shall be without regard to fault or to the negligence of either party even though said loss, damage, liability, claim,

demand, expense, cost or cause of action may be caused, occasioned by or contributed to by the negligence, either sole or concurrent of either party.

24.0 PAYMENTS, MANNER OF PAYMENT, RATES OF PAYMENT, SET-OFF:

24.1 Company shall pay to Bidder, during the term of the contract, the amount due 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 this contract. All payments will be made in accordance with the terms hereinafter described.

24.1.1 Request for payment/part payment to third party i.e. other than the party on whom the contract has been awarded will not be entertained by OIL under any circumstances. The offers stipulating payment/part payment to such third party will be considered as non-responsive and such offers will be rejected.

24.2 **MANNER OF PAYMENT:** All payments due by Company to Bidder shall be made at Contractor's designated bank. All bank charges will be to Bidder's account.

24.3 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 Bidder written notice of objection to any item or items the validity of which Company questions.

24.4 **INVOICES:** Bidder shall raise invoices for release of the payment against the contract at the end of the contract as indicated in the Schedule of Rates of the contract. Payment of undisputed portion of the invoice shall be released within 30 (thirty) days of receipt of invoice.

24.5 Company shall within 30 days of receipt of the invoice notify Bidder 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. This will not prejudice the Company's right to question the validity of the payment at a later date as envisaged in sub- clause 24.3 above.

24.6 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 respect of any other billing, the payment of which may then or thereafter be due.

24.7 Bidder shall maintain complete and correct records of all information on which Bidder's invoices are based upto 3 (Three) years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query/objection. Any audit conducted by Company of Bidder's records, as provided herein, shall be limited to Company's verification (i) of the accuracy of all charges made by Bidder to Company and (ii) that Bidder is otherwise in compliance with the terms and conditions of this Agreement.

24.8 **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).

25.0 **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.

26.0 APPLICABLE LAW:

26.1 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 Dibrugarh/Guwahati.

26.2 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
- 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) The AGST Act, WB & Bihar Tax Act
- l) Service Tax Act
- m) Customs & Excise Act & Rules
- n) Assam, West Bengal and Bihar Entry Tax Act

27.0 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 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 section 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

section, or give out to any third person information in connection therewith.

- 28.0 **SUBSEQUENTLY ENACTED LAWS**: Subsequent to the date of issue of letter of award if there is a change in or enactment of any law or 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.
- 29.0 **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.
- 30.0 **LIMITATION OF LIABILITY** : Notwithstanding any other provisions herein to the contrary, except only in cases of willful 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.
- 31.0 **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.

END OF SECTION – I

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SECTION -II

SCOPE OF WORK OF/TERMS OF REFERENCE/ TECHNICAL SPECIFICATION

Consultancy Services on “Laboratory and Simulation Study for Feasibility of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) Flooding in OIL's Reservoirs”

1.0 Preamble

1.1 OIL INDIA LIMITED, a Government of India Enterprise, is a premier oil & gas company engaged in exploration, production and transportation of crude oil (~75,000 bbl/day), natural gas (~265 MMscf/day) and LPG (~137 tonnes/day) with its headquarters at Duliajan in the Dibrugarh district of Assam, India. The company has operating interests across the country as well as in several foreign countries. The major oil & gas producing assets of the company are located in Upper Assam Basin of North East India, barring a hydrocarbon producing asset in Rajasthan. The operational area is spread over a radius of around 60 km from field head quarters at Duliajan. Duliajan has railway and air connectivity with the nearest airport at Dibrugarh, 50 km away.

2.0 Objective of the Study

2.1 In order to enhance production / recovery from its mature fields, OIL would like to explore the feasibility of EOR application by utilizing the services of Institutes / Agencies or Consulting firm of global repute (either single or in consortium) specializing in laboratory as well as simulation studies on Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) flooding.

2.2 The proposed consultancy work involves review / study of all available data /reports to arrive at a holistic approach to the EOR study for OIL's reservoirs with a scope to implement the same in its fields in suitable reservoirs where incremental oil recovery is envisaged.

2.3 The study will include a comprehensive review of existing geophysical, geological, petrophysical, reservoir, pressure-production data of 02 (two) selected candidate reservoir blocks. The Consultant will carry out necessary laboratory studies for chemical EOR (ASP), review/study all available geo-scientific and engineering data/reports, and the history matched geo-cellular model of the candidate reservoir blocks, which will be provided by OIL, and then carry out an integrated reservoir simulation study incorporating inputs from lab study. Based on its results and recommendations, the Consultant will prepare a field redevelopment and implementation plan of these two reservoir blocks incorporating amenable IOR/EOR schemes (including techno-economic evaluation).

2.4 The Consultants will identify pilot area and pilot design with simulation with a scope of full field implementation after the successful results from pilot. They will also be associated during the field implementation of the pilot project for supervision and guidance till its completion.

CHINA

Area of Study

LEGEND

- STRUCTURE IDENTIFIED
- STRUCTURE DRILLED
- OIL'S OPERATIONAL AREAS

State Boundary

Naga Thrust



Margherita Thrust

0 20 40 KM

3.1 Oil India Limited has producing assets/ oilfields which can be divided broadly in terms of geographical area and is presented in Text Fig-1. The bulk of the hydrocarbons discovered so far in the region are contained in the sandstone reservoirs of Tipam formation of Miocene age, Barail sandstone reservoirs of Oligocene age and the Lakadong + Therria / Langpar of Paleocene/Eocene age with the depth of occurrence of the various reservoirs in the ranges 2000-4000 m. Out of the wells drilled so far in the Upper Assam basin in OIL's fields, some wells have penetrated the entire Tertiary sequence and other wells have been drilled down to Upper and/or middle parts of Barail formation of Oligocene age. Information obtained from these wells show that except for a few thin Paleocene/Eocene Limestone beds, the sediments are primary clastics of the Paleocene/Eocene times; rocks were deposited in marine environments which gradually graded into deltaic/fluvial environments through Oligocene onwards. The generalized stratigraphic succession of Upper Assam basin is given in Text Fig.-2.

CHRONO-STRATIGRAPHY	AGE (Ma)	FORMATION	THICK. (m)	LITHOLOGY	SOURCE	RES	SEAL	OIL & GAS	
QUATERNARY		ALLUVIUM	600-1000						
	2.0	DHEKIAJULLI	600-1500						
		NAMSANG	20-580						
	5.1	NAZIRASST.	20-580						
		GIRIJAN CLAY	50-2300			★	★	★	
	11.3	TIPAM SANDSTONE	400-1500			★	★	★	
	14.4								
NEOGENE									
	24.6	BARAIL COAL-SHALE UNIT	50-500		★ ²	★	★	★	1. TOC : 0.9 - 6.1% VRo : 0.6 - 0.85% KEROGEN : TYPE - III & II
	32.8	BARAIL SST. UNIT (MAIN SAND)	50-500			★	★	★	2. TOC : 2.3 - 9.8% VRo : 0.50-0.65% KEROGEN : TYPE -III & II
	38.0	KOPILI	100-450		★ ¹	★	★	★	
	42.0	SYLHET LIMESTONE	50-225						
	50.5	TURA SST. (BASAL SST)	20-200			★	★	★	
	54.9			UC					
	60.2								
	65.0			UC					
CRETACEOUS ?									
PRECAMBRIAN BASEMENT									

LEGEND

 MUDST./ SHALE
 SILT / SLTST.
 SAND / SAND STONE
 GRAVEL, CONGLO.
 LIMESTONE
 COAL, LIGNITE
 GRNITIC BASEMENT
 UNCONFORMITY

Text Fig.- 2: Generalized Stratigraphic Succession of Upper Assam Basin

4.0 Nature of crude oil and formation water:

4.1 Majority of the oilfields produce high wax crude oil (typical wax content 10-16% by wt., although the wax content for individual well stream may range from 6 to 24%. The pour points of the oils range from 24° to 36° C. The crude oil is sweet (low sulphur) with API gravity of 22-36°.

4.2 The formation water has a salinity of ~3000-5000 ppm depending on the geological age and location of the field. Average concentration of Ca⁺⁺ and Mg⁺⁺ is around 10-20 to 5-10 ppm, respectively. Measured acid number of a few crude is reported to be in the range of ~ 0.15 to 1.70 mg of KOH/g of crude. Interfacial Tension (IFT) of the crude oil - formation water system is in the range of 20-40 mN/m at BHT.

5.0 IOR / EOR projects implemented:

5.1 Oil India Limited has/had implemented a number of IOR/EOR processes depending on the requirements and suitability which include mainly gas (immiscible) / water injection since mid sixties. While gas injection was discontinued later based on reservoir engineering studies, water injection / flooding has been continued and has proved to be the most suitable IOR / EOR technique in OIL's fields in Upper Assam like Nahorkatiya, Jorajan, Moran and Shalmari oilfields. In most of the reservoir blocks where water injection/flooding

have been subjected to fairly long duration, oil recovery has been in the range of 30-50%, far exceeding the recovery estimated from primary depletion. The improvement in oil recovery factor due to water injection, over the primary depletion recovery for most of the blocks has been of the order of 10-20%. The current level of water injection is around 9000 m³/day.

In addition to above, Microbial Enhanced Oil Recovery (MEOR) technique to augment individual well productivity has also been carried out on experimental basis in a few wells.

5.2 Improved Oil Recovery (IOR)/ Enhanced Oil Recovery (EOR) is being considered to be one of the thrust areas of the Company now. Various IOR/ EOR schemes for increasing both individual well productivity and reservoir oil recovery are already underway and are being strengthened further. Revitalization of mature and ageing fields to augment production and improve recovery through various optimization studies is also a priority. Currently most of the wells are on Gas Lift. The average depth of the wells of Oligocene-Miocene age are ~ 2500 m and the BHT is around 85° C, while and in deeper wells of Eocene age, the average depth is ~ 3500 m and the BHT is around 120° C.

5.3 Following two candidate Oligocene reservoir blocks have been shortlisted for having potential for incremental oil recovery by application of ASP/SP/AS EOR processes:

1. NHK Main Barail 3rd Sand, Well 11D+18 Block (STOIIP ~ 27 MMSKL, current recovery ~ 37%)
2. Zaloni Barail 4th Sand, Well 41+54 Block (STOIIP ~ 14 MMSKL, current recovery is ~ 53%)

Water injection is being carried out in the above blocks to maintain reservoir pressure. The summarized description of these 2 reservoir blocks is presented in Appendix-I. ASP/SP/AS flooding is expected to yield incremental recovery of around 5-10% from these and similar reservoirs under OIL's operational area.

6.0 Scope of Work

6.1 OIL intends to hire the services of reputed Institutes/Agencies of global repute (either single or in consortium) for the specialized study on **“Laboratory and Simulation Study for Feasibility of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) Flooding in OIL's Reservoirs” using chemicals available from the open sources and ensuring uninterrupted supply of chemicals for the Pilot Project and for field implementation for the required period.**

6.2 OIL has already conducted a pre-tender conference on 29 and 30 November, 2012 in OIL's corporate head office at NOIDA, where few of the interested bidders made detailed presentation on their proposal and interacted with OIL's personnel to assess the work involvement before submitting their bid. **On the basis of the assessment of the work involvement, bidders will quote as per the format given in Annexure-II.** The proposed consultancy study needs to be completed within a time frame not exceeding **14 months** from the date of commencement of the Contract.

6.3 The proposed consultancy will be carried out in five distinct phases as outlined below:

Phase – I: Data Collection / Review

Phase – II: Laboratory Study

Phase – III: Dynamic Modeling of candidate reservoir blocks including identification and design of pilot area/ areas

Phase – IV: Discussion and Recommendation and submission of Draft Report

Phase – V: Submission of Final Report

6.4 OIL personnel in batches will be involved in work association during various phases to allow them to gain valuable experience and enable them to take similar assignment in future.

A. Phase – I: Data Collection / Review

6.5 The team of experts from the Consulting firm (or consortium) will visit Company offices at Duliajan, Assam to review/collect the following data for laboratory study and geoscientific data / reports of the 2 candidate reservoir blocks.

- Sample collection of crude oil and water (formation, injection, produced samples of the selected reservoirs).
- The consultant will visit Oil Collecting Stations (OCSs), Water Injection stations, check availability of pumps, equipments and mixing facilities, chemical dosing setup, laboratory facilities of the Chemical and R&D departments and gather data as may be required. The consultant will hold discussions with the personnel from Geology & Reservoir Engineering, Production, R & D, Chemical and Field Engineering departments to assess the procedures and practices and evaluate the various aspects of the feasibility of the project.
- Side-wall core analysis reports on lithology, porosity, fluid content for most of the wells in the fields. Conventional core data are available in key wells.
- Available structural maps.
- Available Isopay maps.
- Drilling history
- Volumetric estimates of Hydrocarbon in-place and reserves.
- PVT and crude oil/gas components/analysis data are available in key wells.
 - NHK 11D+18 Block : 10 wells
 - Zaloni 41+54 Block : 7 wells
- Conventional core and Special Core Analysis (SCAL) data of key wells.
 - NHK 11D+18 Block : 1 well
 - Zaloni 41+54 Block : 2 wells
- Pressure transient test results are available in key wells.
 - NHK 11D+18 Block : 3 wells
 - Zaloni 41+54 Block : 4 wells
- Well test, perforations, and completion data available in digital format.

- BHP and BHT, Pressure–Production and Produced water salinity data available in digital format.
- Economic/financial parameters/data
- Any other relevant data that may be required

Deliverables:

- Review of available laboratory testing facilities in Chemical and R&D department.
- Reports of site visits with observations, wherever necessary.
- Consultant should submit a brief report on the data collected indicating the data gaps, if any.

B. Phase – II: Laboratory Study

6.6 This Phase will comprise of laboratory studies of crude characteristics, water analysis, IFT studies, Chemical adsorption studies, wettability studies, core flood studies etc for various formulations of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) Flooding in OIL's blocks at the Consultant's facilities / labs. Depending on the results of simulation studies of the two prospective reservoir blocks with the minimum required laboratory data, the detailed laboratory studies will be taken up in the reservoir where maximum recovery will be forecasted in simulation studies; OIL, however may decide to carry out lab studies in both the reservoirs.

6.7 The laboratory study for this phase will be covered as described in following sections:

B1. Crude oil characteristics:

6.8 The crude oil samples of the selected blocks should be studied in-depth for:

- Chemical composition of both crude oil and associated gas
- SARA analysis with the details of method used
- Asphaltene-Resin-Wax content by API method
- API gravity & Pour Point
- Acid no/Base No
- Viscosity
- Any other parameter that may be required

B2. Formation water/ Injection water characteristics:

6.9 The water (formation, injection, produced samples of the selected reservoir blocks should be studied in depth for:

- pH
- Salinity
- Complete ionic composition including measurements of concentration of Ba, Sr, As etc. and transition metal like Fe etc.
- Measurement of parameters like dissolved oxygen and iron content at site
- Compatibility with each other in various proportion
- Microbial studies like SRB and GAB
- Any other relevant data

Process water/ Tube well water to be fixed before the study. Water to be used for ASP/SP/AS need to be analysed for compatibility with ASP and reservoir.

B3. Surfactants characteristics & IFT studies of oil - water system & Core Flood studies:

- a. Surfactant type: ionic type, i.e. anionic, non-ionic etc.
- b. HLB value ("Hydrophilic-Lipophilic Balance"), Krafft point, CMC value of surfactant, Phase Inversion Temperature, Optimum salinity study.
- c. Rock mineralogy/Static Adsorption/ Dynamic Adsorption/Chemical consumption study.
- d. Wettability/ Contact angle/ Imbibition cell studies/ Effect of change of wettability on additional recovery.
- e. IFT Studies with SP, AS and ASP surfactants at ambient temperatures and at BHT.
- f. IFTs at BHTs in injection water, formation water and in composite of proposed injection water and formation water system.
- g. Compatibility tests with the injection water, formation water and their mixtures in combination with alkali, polymer and both at varying concentrations.
- h. Emulsion studies: Formation of emulsion/micro emulsion and their stability tests. In case stable emulsion is formed, suitable demulsifier should also be investigated.
- i. Chemical treatment of produced water.
- j. Linear core flood studies including relative permeability studies with various formulations of ASP/SP/AS chemicals and slug sizes with Berea and native core.
- k. Any other parameter as may be required.

Remarks:

1. *All wettability studies are to be done on wettability restored cores that will be provided by OIL.*
2. *All initial studies may be done with Berea core of at least one foot length. The native core has to be used for final studies only.*
3. *Number of linear core flood studies: 2 (two) to 3 (three) core flood studies to estimate adsorption and 4 (four) to 5 (five) for oil recovery study (formulation testing, injection strategy and optimization).*

B4. Effect of aerobic or anaerobic environment on Surfactant/ IFTs/ Polymer at various durations in days/ weeks/ months (aging)

B5. Treatment option of produced water with suitable chemicals with scope for re-injection to address HSE concerns

- Government/pollution control guidelines (OIL will provide these guidelines)
- Treatment of produced water
- QC lab studies for disposal of produced water
- Scope of reusing produced water for reinjection

Deliverables:

- Results of laboratory analyses, IFT studies, water analysis studies, crude analysis studies, chemical consumption studies, temperature stability studies of various chemicals, adsorption of chemical studies, wettability studies, contact angle studies, effect of aerobic and anaerobic environment, effect of dissolved oxygen on chemicals and IFTs and identification of the most suitable alkali, surfactant and polymer type and concentrations for the reservoir rock and oil.
- Report on treatment option of produced water with suitable chemicals to address HSE concerns and also for possibility of re-injection.
- Porosity, permeability, pore size distribution, relative permeability curves, capillary desaturation curves.
- Quantitative prediction of additional oil recovery under various scenario including various chemicals / formulations, supported by both core flood study and simulation study.
- Oil cut vs. Pore Volume (PV) and recovery (%Residual OIP, % OOIP, Cumulative oil recovered).
- Surfactants concentration in effluents vs. Pore Volume and total adsorption.
- Pressure drop vs. PV.
- Mobility reduction vs. PV.
- Availability of chemicals from diverse sources as may be indicated in the laboratory studies will have to be provided

General remarks on Lab Studies:

- *OIL will facilitate all sample collection process. The Consultant has to decide whether dead oil or live oil is needed for the study, the responsibility of sample collection, provisioning of the shipping bottle/special shipping bottles (e.g., for Microbial studies of process/injection water) including the transportation of the samples to Consultant's lab will be the sole responsibility of the Consultants.*

C. Phase – III: Dynamic Modeling of candidate blocks

6.10 This phase will involve review of the history matched geological models of selected reservoir blocks, which will be provided by OIL in PETREL/PETREL RE/ECLIPSE format, and then incorporate inputs from the findings of the lab study. The history matched models may be suitably modified, if required, after combining all the geophysical, geological, petrophysical, laboratory analysis and engineering data for the selected 2 (two) reservoir blocks under study. The block wise break-up of wells are as follows:

- NHK 11D+18 Block : 39 wells
- Zaloni 41+54 Block : 22 wells

6.11 The consultant will also apply Basic Reservoir Engineering techniques on the following data collected during data collection and review stage (Phase-I).

- Analysis of PVT Reports to characterize fluid behaviour
- Review and analysis of Routine and Special Core Analysis
- Review of interpreted Transient Pressure Tests
- Review of Pressure – Production behaviour

The model can then be utilized to evaluate future reservoir performance and determine the best future redevelopment scenario incorporating laboratory results of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) flooding. Effects of alkali, surfactant and polymer amounts, injection slug size and chemical adsorption on process efficiency also needs to be evaluated in detail.

6.12 The steps outlined for this phase are as follows:

- Quality assurance of the model is required to be done with the OIL Team before these are taken up for performance prediction under various scenarios.
- The consultant along with the designated OIL team will perform a quality check of the geo-cellular models by comparing the distribution characteristics of reservoir parameters derived from logs and other evidences and those incorporated in the models.

6.13 The consultant will then simulate the dynamic model with various prediction cases after reviewing the history matched model and making necessary changes, if required. The prediction cases will incorporate the findings of Laboratory results of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) flooding. The Consultants will also identify and design the pilot area/areas. The prediction cases will be as follows:

1. A base case assuming workover / re-intervention in existing wells along with water injection (incorporating existing injection wells and also, identifying additional water injectors, if required).
2. A case assuming only vertical wells to be drilled in the reservoirs to exploit attic and bypassed oil in addition to the base case.
3. A case assuming drilling horizontal / high angle wells to exploit attic and bypassed oil/gas in addition to base case and the comparison of production efficacy with respect to the vertical wells case.
4. Different prediction cases for Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) flooding with different pattern strategies, different injectors and producers combinations and comparison of the ultimate recovery with base case, vertical well and horizontal well case (for pilot area/areas as well as for the reservoir as a whole).
5. Sensitivity studies with various ASP formulations and slug size to optimize the ASP/SP/AS flood design taking into consideration ASP retention issues, if encountered (for pilot area/areas as well as for the reservoir as a whole).

Deliverables:

- Brief report on the findings of the other basic studies:
 - Literature Review
 - Classical Reservoir Engineering
 - Review of the history matched model provided by OIL
- Summary report on work done in this phase.
- Spreadsheet of reservoir rock and fluid parameters used in the model
- Simulation results of various cases and their comparison with the best case (for pilot area/areas as well as for the reservoir as a whole).

- If the Reservoir Simulation studies are carried out using softwares other than PETREL and PETREL RE/ ECLIPSE respectively, then the bidder must ensure that these models are handed over to OIL in a format compatible to load and run in PETREL and ECLIPSE/ PETREL RE available with OIL and the Consultant will have to load and run the model in Eclipse/ Petrel RE software available with OIL at no additional cost.
- Report of oil and gas Reserves categorized as per latest SPE/WPC definitions and guidelines.
- Consultant will have to present / discuss the model at the end of Phase - III at OIL's field headquarter in Duliajan, Assam, India

D. Phase – IV: Discussion and Recommendations

6.14 In this phase, the Consultant will submit specific recommendations for pilot scale field implementation of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP)/ Alkali Surfactant (AS) flooding by indicating the most suitable techno-economically feasible option and is required to prepare an optimum re-development plan for exploitation of the reservoir. The recommendations will be covering the following points as **Deliverables**:

1. Detailed economic evaluation and uncertainty analysis of each prediction cases indicating **incremental recovery** under various scenarios.
2. Economic feasibility of drilling horizontal / high angle wells to exploit attic and bypassed oil/gas and the comparison of production efficacy with respect to the vertical wells.
3. Recommendation on ongoing water injection scheme which is currently implemented in these selected reservoir blocks.
4. A report on short-term and long-term development options ranked according to technical risk. They will also be ranked in terms of Ultimate Recovery, NPV and IRR.
5. The short-term and long-term development options will include forecast of oil/gas and water production rates.
6. Report on pilot area identification and design as well as field implementation of Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) flooding.
7. Report on techno economic evaluation of SP/ASP/AS EOR plan. The data/ assumptions for evaluation should be indicated in the report (using cost / revenue data to be supplied by OIL) and uncertainty analysis.
8. Phase wise capital equipments/expenditure and Revenue expenditure during Pilot as well as field implementation of SP/ASP/AS EOR.
9. Surface facilities required for implementing SP/ASP/AS flooding. Drawings / specifications for equipments and modifications in respect of storage tanks, chemical dosing setup, pumps etc. Sources of equipment, chemicals, cost etc. are to be indicated.
10. Detailed evaluations in the form of variations in the nature of crude/ formation water/ injection water/ reservoir temperature/ variation of adsorption characteristics of various reservoir rocks.

11. The recommendations should be based on global best practices and standards, at the same time accommodate innovative and emerging options for SP/ASP/AS EOR plan.
12. The Consultant will provide on OIL's request guidelines/training to OIL personnel for monitoring/interpreting pilot test results. In this connection, Consultant may like to arrange a field trip for OIL personnel (at OIL's cost) where Alkaline Surfactant Polymer (ASP) / Surfactant Polymer (SP) / Alkali Surfactant (AS) flooding are in progress.

E. Phase – V: Submission of Final Report

6.15 The final recommendation will be submitted in the form of a Report on successful completion of the Project. The Report (3 hard copies and soft copy) will provide details of methodology adopted for the study, results of the study incorporating recommendations thereof, etc. The Consultant has to present the draft report at Duliajan on completion of the study, and a final presentation at Duliajan or Noida (OIL's corporate office) after incorporating necessary corrections and changes suggested by OIL, if any.

7.0 COMPLETION TIME:

7.1 The Scope of Work will be deemed to be completed only when the final report on the entire project by the Consultant is accepted by the Company (OIL). The different phases, important milestones and a tentative time schedule for the completion of the project are broadly shown in the Table- 1 below:

Table 1: Tentative Time Schedule

Important milestones	Phase	Description	Tentative elapsed time for different phases.
1.	I	Data collection and visit to OIL's field installation. Submission of interim report on data availability and additional data required and review of existing testing facilities in Chemical and R&D department.	1 month
2.	II	Laboratory Study of samples collected. Screening of surfactants for SP/ASP and polymer for various reservoirs. Lab scale core flood results under various scenarios and presentation at Duliajan.	8 months
3.	III	Dynamic Modeling of candidate blocks including identification & design of pilot area/areas Development of 3D Geocellular Model, review of history match,	3 months

		performance prediction, prediction cases incorporating the findings of Laboratory results of SP/ASP/AS flooding. identification and design of pilot areas, Development scenarios with various simulation cases	
4.	IV	Discussion and Recommendation for optimum field redevelopment plan and pilot scale as well as field implementation of SP/ ASP/ AS flooding Draft report and presentation at Duliajan.	1 month
5.	V	Submission of Final Report and presentation on the entire project incorporating OIL's views / comments at Duliajan and presentation on the entire project incorporating OIL's views / comments at Duliajan or Noida	1 month

7.2 The tentative time frame shown above is for broad indicative purposes only. While the time taken for individual phases may vary somewhat from above estimates, the submission of Final Report (i.e. completion of Milestone V) to Company is to be done within 14 (fourteen) months of the start of the project. The start of the project will be the time the Consultants arrive at Duliajan for data collection.

Notes:

- i) The consultant (single or in consortium) must come up with the best possible formulation for this EOR project and must ensure availability of all the vital chemicals at the rate that has been taken into consideration while calculating economics on the viability of the project; however price variation at a reasonable rate will be acceptable.
- ii) The Consultant must confirm that the final report to be submitted to OIL must be both in hard and soft form (3 Nos. each). Before submission of the final report, the Consultant will have to make a detailed presentation on their findings at OIL, Duliajan. The Consultant will extend active support during the pilot project and field implementation stage of the entire project.

8.0 TRAINING AND TRANSFER OF TECHNOLOGY

- 8.1 The Consultant will involve OIL personnel during the critical phases of the study for training and transfer of technology. The following will be the terms for training and transfer of technology:

- A.** During all the critical phases of the study, OIL personnel viz. Geoscientists and Engineers will be associated with the Consultant for on-the-job training and technology transfer.
- B.** All facilities of the Consultant related to this study will be made accessible to OIL personnel.
- C.** All expenses for OIL personnel's visit to Consultant's office will be borne by OIL. The Consultant will provide working space at their offices to OIL's personnel at no extra cost.

END OF SECTION – II

PART-3
SECTION III

SPECIAL TERMS & CONDITIONS OF CONTRACT

- 1.0 **DEFINITIONS:** Following terms and expression shall have the meaning hereby assigned to them unless the context otherwise requires:
- 1.1 “Work” means each and every activity required for successful performance of the services described in SECTION-II, PART-3 SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION as per international standards.
- 1.2 “Contractor’s Key personnel” mean the personnel as mentioned under section SECTION-II, SCOPE OF WORK/ TERMS OF REFERENCE/ TECHNICAL SPECIFICATION to be provided by Contractor to conduct the work hereunder.
- 1.3 “Approval” as it relates to Company, means written approval.
- 1.4 “Facility” means and includes all property of Company owned or hired, to be made available for the services under this Contract.
- 1.5 “Certificate of Completion” means certificate issued by the Company to the Contractor stating that he has successfully completed the jobs/works assigned to him and submitted all deliverables & necessary reports as required by the Company.
- 2.0 **CONTRACTOR’S PERSONNEL**
- 2.1 Except as otherwise hereinafter provided the selection, replacement, and engagement; Contractor shall determine remuneration of Contractor’s personnel. Such employees shall be solely of Contractor’s employees. Contractor shall ensure that its personnel will be competent and efficient. However, the Contractor shall provide details of experience, qualification and other relevant data of the personnel to be deployed for scrutiny and clearance by the company before the actual deployment. The Contractor shall not deploy its personnel unless cleared by the company.
- 2.2 Contractor’s Personnel: Contractor shall provide all manpower for necessary supervision and execution of all work under this contract to company’s satisfaction except where otherwise stated. The minimum number of key personnel to be deployed is mentioned in this document.
- 2.3 Replacement of Contractor’s Personnel: Contractor shall immediately remove and replace any of his personnel, who in the opinion of company, is incompetent, or negligent or of unacceptable behavior or whose employment is otherwise considered by company to be undesirable.

3.0 **COMPANY'S REQUISITES**

- 3.1 Contractor shall, prior to mobilization, furnish to Company a list of all personnel who are to perform the Services. The list shall show each person's qualifications, details of work history and previous employment with dates, training courses attended, and copies of all pertinent certifications. All Personnel must be fluent in written and spoken English.
- 3.2 If the Contractor plans to change any personnel from the list, then he shall notify Company in advance of the intended change and give Company the above mentioned particulars of the new person with requisite qualifications.
- 3.3 Company reserves the right to reject any person on such list, and any subsequent changes to the list.
- 3.4 A notice period of one week shall be given to mobilize the personnel.

4.0 **FOOD, ACCOMMODATION, TRANSPORTATION AND MEDICAL FACILITY AT OIL INDIA LIMITED**

- 4.1 Food, lodging and local transport of Contractor's personnel during their stay at OIL's facility as per the details laid out in the Contract shall be provided by Company (OIL) free of cost.
- 4.2 **Medical Facilities**: The Contractor shall arrange for medical facilities and qualified First Aid Trained personnel including an ambulance at Contractor's cost. However, OIL may provide services of OIL Hospital as far as possible in emergency on payment.

5.0 **CONTRACTOR'S ITEMS**

- 5.1 Contractor shall provide contractor's items and personnel to perform the services under the contract as specified in this document.
- 5.2 Contractor shall be responsible for maintaining at his cost adequate stock levels of contractor's items including spares and replenishing them as necessary.
- 5.3 Contractor shall be responsible for the maintenance and repair of all contractors' items and will provide all spare parts, materials, consumables etc. during the entire period of the contractual period.

6.0 **CONTRACTOR'S SPECIAL OBLIGATIONS**

- 6.1 Compliance with Company's Instructions: Contractor shall comply with all instructions of Company consistent with the provision of this Contract.
- 6.2 The Contractor should use available versions of all software packages during the period of the contract.
- 6.3 Contractor shall arrange at their own cost all consumables & spares including papers, cartridges, and other consumables and spares that may needed for the work.

- 6.4 The list of personnel indicates the minimum requirement of key personnel. However, the Contractor may choose other personnel that the Contractor deems are required to accomplish the job as per the Scope of Work/Terms of Reference/Technical Specification SECTION-II, and time frame for completion of the work as stipulated in the Contract.
- 6.5 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 and passport details of the person.
- 6.6 The Contractor's expatriate and technical personnel must have thorough knowledge of English.
- 6.7 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 Contractor's personnel with 24 hours notice.
- 6.8 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 Clause 4.0 of SECTION-I.
- 7.0 **CONFIDENTIALITY:** Contractor agrees to be bound by professional secrecy and undertake to keep confidential all the data as well as any information/output obtained during the conduct of work, take all-reasonable steps to ensure that the contractor's personnel likewise keep such information confidential.
- 7.1 This obligation shall keep in force even after the termination date and until such information will be disclosed by company.
- 7.2 Contractor shall handover to company all company's documents, data etc. Concerning the work carried out and which are still in its possession after completion of the work at their own cost.
- 8.0 **RIGHTS AND PRIVILEGES OF COMPANY:**
The Company shall be entitled:
- 8.1 To check the work Centre/Facility and other Contractor's resources before the commencement of work. If they are not found in good order or do not meet the international standards as per the requirement of the work stipulated in the Contract, the contractor may not be allowed for commencement of work until the contractor has remedied such default.
- 8.2 To order suspension of work while and whenever:
- a) Contractor's personnel is deemed by company to be not satisfactory.
 - b) Contractor's equipment/work methodology does not conform to regulations or to the specifications laid down in the Contract.

- c) Contractor's insurance in connection with the operations hereunder is found by company not to conform to the requirements set forth in the contract.
- d) Contractor fails to meet any of the provisions in the contract.
- e) Any shortage in key/additional (compulsory) personnel and inadequacy of other personnel.

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

10.0 **ASSOCIATION OF COMPANY'S PERSONNEL:**

- i) Company's personnel will be associated with the work during the course of the study.
- ii) The Contractor shall execute the Scope of Work with professional competence and provide the Company with a standard of work customarily provided by reputed consultants to major National & International oil companies in the petroleum industry.
- iii) The final report of the study will be decided in consultation and approval of the Company's representatives after the Contractor has conducted the necessary study. The final report will also be decided in consultation and approval of the company's representative. Contractor shall not change any parameters without prior approval of Company's representative.

11.0 **PROVISION OF PERSONNEL AND FACILITIES:**

- i) The Contractor shall provide competent, qualified and adequately experienced personnel for carrying out jobs as mentioned in scope of work.
- ii) All the personnel provided by the Contractor must have requisite experience in respective fields and should be fluent in English language. On Company's request, Contractor shall remove and replace at their own expenses, any of their personnel whose presence/performance is considered undesirable/unsuitable in the opinion of the Company. The Contractor shall provide Indian Staff, if any, at their own expenses.
- iii) The Contractor shall be responsible for and shall provide for all requirements of their personnel, if any including but not limited to their insurance, housing, medical services, messing, transportation (both air and land transportation), vacation, salaries and all amenities, termination payment and all immigration requirement and taxes, if any, payable in India or outside at no extra charges to the Company.
- iv) Contractor shall forward the list of personnel deployed along with bio-data/ qualification/experience of the personnel during the course of submission of their bids with all supporting documents. Any additional

manpower deployed by the Contractor shall be at the expense of the Contractor.

- iv) Company reserves the right to instruct for removal of any Contractor's personnel who in the opinion of company is technically not competent or not rendering the services faithfully, or due to other reasons. The replacement of such personnel shall be immediate and not exceed duration of One (1) week. The deported personnel shall be allowed to continue the job till the replacement arrives with the discretion of the Company. However, no extension to the entire duration of the contract will be given to the contractor on such accounts.

12.0 CUSTOMS DUTY

- 12.1 Company shall use **the Services under the Contract in the PEL/ML areas renewed / issued to Company after 1.4.1999 and therefore, in terms of Notification No. 21 dated 01.03.2002, goods specified in List-12 imported in connection with petroleum operations under this Contract would attract zero customs duty. Company will issue Recommendatory Letter to Directorate General of Hydrocarbons(DGH), Ministry of Petroleum & Natural Gas, as per Government guidelines for issuance of Essentiality Certificate (EC) from Directorate General of Hydrocarbons, to enable the Contractor to import goods at concessional (Nil) customs duty so as to provide the services under this Contract provided these goods are specified in the List-12 of the aforesaid Notification.**
- 12.2 Bidder should provide the list of items to be imported by them under the Contract in the format specified in Proforma-A along with their bid for issuance of Recommendatory Letter to DGH. Contractor shall make written request to Company immediately after shipment of the goods indicated by them in Proforma-A, along with the Invoices and all shipping documents (with clear 15 working days notice) requesting Company for issuance of the Recommendatory Letter. OIL shall issue the Recommendatory provided all the documents submitted by the Contractor are found in order as per contract. It shall be however, Contractor's responsibility to obtain EC from DGH and clear the goods through customs. OIL shall not be liable in whatsoever manner for the rejection of their claims for zero customs duty by any of the authorities including DGH arising solely as a result of any default on the part of the Contractor.
- 12.3 **All imports and import clearances under the contract shall be done by the contractor and OIL shall not provide any assistance in this regard.**
- 12.4 **However, in the event customs duty becomes leviable during the course of contract arising out of a change in the policy of the Government, Company shall be liable for payment of the customs duties leviable in India on Contractor's items as provided in Proforma-A or the actual whichever is less (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 at Kolkata within 3 working days after Contractor submits the undisputed and clear necessary documents / duty assessment papers at Company's office at Kolkata. Contractor would be responsible for passing such payment to customs authorities at the port of entry. Company's obligation for Customs Duty payment shall be limited / restricted to the tariff rates as assessed by the Customs on the day of clearance, or as on the last day of the stipulated mobilisation period. In case of clearance thereafter, on the CIF value of items in Proforma-A will be frozen and any increase in Customs Duty on account of increase in value on these will be to the Contractor's account. Furthermore, in case the above CIF value is not acceptable to assessing Customs Officer and as a result if any excess Customs Duty becomes payable, it shall be to Contractor's account. Before filing Bill of lading, Bill of entry, the Contractor must consult the Company to avoid payment of excess Customs Duty.

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

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

12.6 **DEMOBILISATION & RE-EXPORT:** The Contractor shall arrange for and execute demobilization of their Tools/Equipment/Spare/Accessories/Manpower etc. upon receipt of notice for demobilization from Company. Demobilisation shall mean completion / termination of the contract and shall include dismantling of the equipments, including the manpower and re-export of the re-exportable equipments, 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 equipments, its accessories and the unused spares and consumables, Contractor shall submit the detail re-export documents to Company as documentary proof of re-exporting the equipments, its 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.

- 12.6.1 In the event all / part of the equipment etc. are transferred by Contractor within the country to an area where nil Customs Duty is not applicable and/or sold to a third party after obtaining permission from Company and other appropriate government clearances in India, then Contractor shall be fully liable for payment of the Customs Duty.
- 12.6.2 Contractor must furnish an undertaking that "the equipment imported and also spares & accessories which remained unutilized after the expiry of the contract, would be re-exported at their own cost 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.
- 12.6.3 In the event all / part of the equipment etc. are transferred by Contractor after expiry/termination of the contract within the country to another operator for providing services, and/or sold to a third party, Contractor shall obtain all necessary Govt. of India clearances including the Customs formalities for transferring to another operator and/or sale of the equipment, its accessories 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.

END OF SECTION - III

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PART- 3

SCHEDULE OF RATES AND PAYMENT

The payment shall be made to the Consultant for the services provided under the contract as per below:

Mile Stone/Completion of Phase	Payment Amount (% of Total Contact Cost)
1. Phase I	10%
2. Phase II	40%
3. Phase III	20%
4. Phase IV	10%
5. Phase V	20%

2.0 SCHEDULE OF PAYMENT

- 2.1 Payment will be made Phase-wise. The contractor is required to raise invoices after successful completion of each phase of work as described in the scope of consultancy services and as indicated above. However, the completion of the said phase shall have to be certified by the company's representative(s).
- 2.2 Contractor will submit 3 (three) sets of invoices to the Company for payment along with company certificate of satisfactory completion for each phase.

END OF SECTION – IV

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INTEGRITY PACT

Between

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

And

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

Preamble :

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

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental 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 cartelisation in the bidding process.
3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

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

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

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

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the Company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.
2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

Section 4 - Compensation for Damages

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

Section 5 - Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI

approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

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

1. The Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

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

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

Section 8 - External Independent Monitor/ Monitors (three in number depending on the size of the contract) (to be decided by the Chairperson of the Principal)

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

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

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

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.
7. If the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
8. The word 'Monitor' would include both singular and plural.

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.
2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

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

For the Principal

For the Bidder/Contractor

Place : Duliajan

Witness1 :

Date :

Witness 2 :

&&&&

LIST OF ITEMS (Equipment, Tools, Accessories, Spares & consumable)
TO BE IMPORTED IN CONNECTION WITH EXECUTION
OF THE CONTRACT SHOWING CIF VALUE

Sr l#	Item Descrip- -tion	Qty /Un it	Rate	Total	Freight & Insuranc e	CIF Valu e	Port & other charg e	Lande d Cost	Is it re- exportabl e? YES or NO	Yea r of Mfg.	HSN Cod e
A	B	C	D	E = C x D	F	G = F + E	H	I = G+H	J	K	L

- (1) The items which are not of consumable in nature and required to be re-exported outside India after completion of the Contract should be indicated as "YES" in column "J".
- (2) The items, which are of consumable in nature should be indicated as "NO" in column "J".
- (3) For estimation of applicable customs duty, the bidders are required to indicate customs tariff code (i.e. HSN Code) of each item in column "L".

Authorized Person's Signature: _____

Name: _____

Seal of the Bidder:

PRICE BID FORMAT

Important Milestones	Phase	Job Description	Unit	Qty	Rate	Total
					Currency	
1.	I	a) Data collection and visit to OIL's field installation. Submission of interim report on data availability and additional data required and review of existing testing facilities in Chemical and R&D department.	Lumpsum	1	A	
2.	II	b) Laboratory Study of samples collected. Screening of surfactants for SP/ASP and polymer for various reservoirs. Lab scale core flood results under various scenarios and presentation at Duliajan	Lumpsum	1	B	
3.	III	c) Dynamic Modeling of candidate reservoir including identification & design of pilot area/areas Review of history matched Geocellular Model, identification and design of pilot areas, performance prediction, prediction cases incorporating the findings of Laboratory results of SP/ASP/AS flooding. Development scenarios with various simulation cases	Lumpsum	1	C	
4.	IV	d) Recommendation for optimum field redevelopment plan and pilot scale as well as field implementation of SP/ ASP/ AS flooding Draft report and presentation at Duliajan	Lumpsum	1	D	

5.	V	e) Submission of Final Report and presentation on the entire project incorporating OIL's views / comments at Duliajan and presentation on the entire project incorporating OIL's views / comments at Duliajan or Noida INCLUDING Technical support	Lumpsum	1	E	
Total Cost of the Contract, T = A + B + C + D + E						

TOTAL ESTIMATED COST OF THE CONTRACT

$$T = A + B + C + D + E$$

INCLUDING ALL TAXES & DUTIES BUT EXCLUDING SERVICE TAX WHICH SHAL BE EXTRA TO OIL

Where

A = Lumpsum for Phase-I
B = Lumpsum for Phase-II
C = Lumpsum for Phase-III
D = Lumpsum for Phase-IV
E = Lumpsum for Phase-V

NOTE:

1. Consultant must include in the quoted rates all To and fro Air fare travel cost, hotel cost, en-route expenses etc. during travel time from place of origin to Dibrugarh, Assam, India. Local transport, food and lodging etc. shall be arranged by OIL.
2. Bidder must include all liabilities and taxes including statutory liabilities but excluding Service Tax which will be borne by Company (OIL).
3. Percentage of Indian Agency Commission, if any, should be included in above rates (Please also indicate name & address of your Indian agent, if any).
4. The items mentioned in above clause are to be read in conjunction with Schedule of Rates in Section IV, Part-3.

Authorized Person's Signature: _____

Name: _____

Seal of the Bidder:

BID FORM

To
M/s. Oil India Limited,
P.O. Duliajan, Assam, India

Sub: IFB No. CDG5783P15

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 _____ for the due performance of the Contract.

We agree to abide by this Bid for a period of 180 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 _____ 2015.

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

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

1.0 The Bidder shall furnish detailed statement of **exceptions/deviations**, if any, to the tender stipulations, terms and conditions in respect of each Section of Bid Document in the following format:

Section No.	Clause No. (Page No.)	Non-Compliance	Remarks

2.0 In addition to the above the Bidder shall furnish detailed information pertaining to construction, operational requirements, velocity-pattern, added technical features, if any and limitations etc. of the Inspection Tool proposed to be deployed.

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

NOTE: OIL INDIA LIMITED expects the bidders to fully accept the terms and conditions of the bid document. However, should the bidders still envisage some exceptions/deviations to the terms and conditions of the bid document, the same should be indicated as per above format and submit along with their bids. If the “**Statement of Compliance**” in the above Proforma is left blank (or not submitted along with the technical bid), then it would be construed that the bidder has not taken any exception/deviation to the tender requirements.

FORM OF BID SECURITY (BANK GUARANTEE)

To:
M/s. OIL INDIA LIMITED,
For Head(Contracts)
Duliajan, Assam, India, Pin - 786 602

WHEREAS, (Name of Bidder) _____ (hereinafter called "the Bidder") has submitted their offer Dated _____ for the provision of certain oilfield services (hereinafter called "the Bid") against OIL INDIA LIMITED, Duliajan, Assam, India (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 "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 ____ 2014.

THE CONDITIONS of these obligations are:

- (1) If the Bidder withdraws their Bid during the period of Bid validity specified by the Bidder; or
- (2) If the Bidder, having been notified of acceptance of their Bid by the Company during the period of Bid validity:
 - (a) Fails or refuses to execute the form of agreement in accordance with the Instructions to Bidders; or
 - (b) Fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

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

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

SIGNATURE AND SEAL OF THE GUARANTORS _____

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.

** Date of expiry of Bank Guarantee should be minimum 30 days after the end of the validity period of the Bid.

FORM OF PERFORMANCE BANK GUARANTEE

To:
M/s. OIL INDIA LIMITED,
(HEAD-CONTRACTS)
Duliajan, Assam, India, Pin - 786 602.

WHEREAS _____ (Name and address of Contractor) (hereinafter called "Contractor") had undertaken, in pursuance of Contract No. _____ to execute (Name of Contract and Brief Description of the Work) _____ (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee as security for compliance with Contractor's obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee; NOW THEREFORE we hereby affirm that we are Guarantors on behalf of the Contractor, up to a total of (Amount of Guarantee in figures) _____ (in words _____), such amount being payable in the types and proportions of currencies in which the Contract price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of guarantee sum as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein. We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

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

This guarantee is valid until the date _____ (calculated at **3 months** after Contract completion date).

SIGNATURE AND SEAL OF THE GUARANTORS _____
Designation _____
Name of Bank _____
Address _____

Witness _____
Address _____

Date
Place _____

AGREEMENT FORM

This Agreement is made on ____ day of _____ between Oil India Limited, a Government of India Enterprise, incorporated under the Companies Act 1956, having its registered office at Duliajan in the State of Assam, hereinafter called the "Company" which expression unless repugnant to the context shall include executors, administrators and assignees on the one part, and M/s. _____ (Name and address of Contractor) hereinafter called the "Contractor" which expression unless repugnant to the context shall include executors, administrators and assignees on the other part,

WHEREAS the Company desires that Services _____ (brief description of services) should be provided by the Contractor as detailed hereinafter or as Company may requires;

WHEREAS, Contractor engaged themselves in the business of offering such services represents that they have adequate resources and equipment, material etc. in good working order and fully trained personnel capable of efficiently undertaking the operations and is ready, willing and able to carry out the said services for the Company as per Section-II attached herewith for this purpose and

WHEREAS, Company had issued a firm Letter of Award No. _____ dated _____ based on Offer No. _____ dated _____ submitted by the Contractor against Company's IFB No. _____. All these aforesaid documents shall be deemed to form and be read and construed as part of this agreement/contract. However, should there be any dispute arising out of interpretation of this contract in regard to the terms and conditions with those mentioned in Company's tender document and subsequent letters including the Letter of Intent and Contractor's offer and their subsequent letters, the terms and conditions attached hereto shall prevail. Changes, additions or deletions to the terms of the contract shall be authorized solely by an amendment to the contract executed in the same manner as this contract.

NOW WHEREAS, in consideration of the mutual covenants and agreements hereinafter contained, it is hereby agreed as follows -

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. In addition to documents herein above, the following Sections and Annexures attached herewith shall be deemed to form and be read and construed as part of this agreement viz.:
 - (a) Section-I indicating the General Conditions of this Contract;
 - (b) Section-II indicating the Terms of Reference;
 - (c) Section-III indicating the Special Terms & Condition;

(d) Section-IV indicating the Schedule of Rates.

3. In consideration of the payments to be made by the Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Company to provide the Services and to remedy defects therein in conformity in all respect with the provisions of this Contract.
4. The Company hereby covenants to pay the Contractor in consideration of the provision of the Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

IN WITNESS thereof, each party has executed this contract at Duliajan, Assam as of the date shown above.

Signed, Sealed and Delivered,

For and on behalf of
Company (Oil India Limited)

for and on behalf of Contractor
(M/s. _____)

Name:

Name:

Status:

Status:

In presence of

In presence of

1.

1.

2.

2.

PROFORMA LETTER OF AUTHORITY

TO
HEAD (CONTRACTS)
Oil India Ltd.,
P.O. Duliajan - 786 602
Assam, India

Sir,

Sub: OIL's IFB No. CDG5783P15

We _____ confirm that Mr. _____ (Name and address) as authorised to represent us to Bid, negotiate and conclude the agreement on our behalf with you against Tender Invitation No. _____ for hiring of services for _____.

We confirm that we shall be bound by all and whatsoever our said representative shall commit.

Yours Faithfully,

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

Note: This letter of authority shall be on printed letter head of the Bidder and shall be signed by a person competent and having the power of attorney (power of attorney shall be annexed) to bind such Bidder. If signed by a consortium, it shall be signed by members of the consortium.

AUTHORISATION FOR ATTENDING BID OPENING

TO
HEAD (CONTRACTS)
Oil India Ltd.,
P.O. Duliajan - 786 602
Assam, India

Date : _____

Sir,

Sub : OIL's IFB No. CDG5783P15

We authorise Mr. /Mrs. _____ (Name and address) to be present at the time of opening of the above IFB due on _____ at Duliajan on our behalf.

Yours Faithfully,

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

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

PART- 4

PROFORMA - J

RECORD OF BIDDER'S PAST RELEVANT EXPERIENCE

Sl No.	Clients Name, address & contact Telephone No.	Contract No.	Brief description of the contract	Contract period		Contract value (in INR or USD)
				From	To	

Signature of the bidder