



OIL INDIA LIMITED
(A Govt. of India Enterprise)
P.O. Duliajan, Dis. Dibrugarh
Assam, India, PIN-786602

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

FORWARDING LETTER

M/s. _____

**Tender Fee: Rs. 19,000.00
or US\$ 400.00**

Serial No. :

TENDER NO. OIL/CCO/DRLG/GLOBAL/242/2009

Description: Charter Hire of 2(two) Nos. Work-over Rigs of 500 HP(min)-750 HP(max) Capacity for a period of 2(two) Years for Operations in Assam and Arunachal Pradesh

Dear Sirs,

1.0 OIL INDIA LIMITED (OIL), 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, 50 km away.

2.0 In connection with its operations, OIL invites International Competitive Bids (ICB) from competent and experienced Contractors for providing the above services. One complete set of bid document covering OIL's tender for hiring of above services is being forwarded herewith. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time. For your ready reference, few salient points (covered in detail in this Bid Document) are highlighted below:

- | | |
|---|--|
| (i) Tender No.: | OIL/CCO/DRLG/GLOBAL/242/2009 |
| (ii) Type of Bid: | Single Stage-Two Bid |
| (iii) Last Date for receipt of Pre-Bid: Queries | 01-August-2009 |
| (iv) Pre-bid conference: | 04-August-2009 at 10-00 hrs (IST) |
| (v) Venue of Pre-Bid Conference: | Kolkata (Exact venue shall be communicated to the prospective bidders nearer the time) |

- (vi) Bid Closing date & Time: 01-Sep-09 at 12-45 hrs.(IST)
- (vii) Technical Bid Opening date & time: 03-Sep-09 at 13-00 hrs.(IST)
- (viii) Commercial Bid Opening Date: Will be intimated to the eligible bidder(s) nearer the time.
& time
- (ix) Bid Submission Place: Bid should be submitted on/or before Bid Closing date & time to:
- a) **Head (Contracts),** OR b) **Head (CB),**
Oil India Limited, 4-India Exchange Place
Duliajan-786602, Oil India Limited, Kolkata,
Assam, India. India - 700 001
- (x) Bid Opening Place: Office of the Head (Contracts)
Oil India Limited
Duliajan - 786602, Assam, India
- (xi) Bid Security Amount: US\$ 100,000.00 or Rs. 47,00,000.00
- (xii) Amount of Performance Guarantee: 7.5 % of estd contract cost for 1st year
- (xiii) Mobilisation Time: Within 4 months from date of Letter of Award(LOA)
- (xiv) Duration of the Contract: 2(two) Years with provision for 1(one) year extension at same rate, terms and conditions
- (xv) Quantum of Liquidated Damage for Default in Timely Mobilisation 1/2% of 1st year contract cost including mobilization charges for delay per week or part thereof subject to maximum of 7.5%
- (xvi) Bids to be addressed to: HEAD (CONTRACTS)
OIL INDIA LIMITED
DULIAJAN - 786 602
ASSAM, INDIA

3.0 Pre-Bid Conference :

3.1 A pre-bid conference will be held on 04th August'09 from 10.00 AM(IST) onwards at Kolkata, India for providing clarifications to prospective bidders on Bid Rejection Criteria(BRC)/Bid Rejection Criteria(BEC), Terms of Reference/Technical Specifications, Terms and conditions of the tender to enable them to understand the exact service requirement of the Company. Bidders interested to attend the pre-bid conference should contact/intimate on/or before 31st July'09 for details of the venue to the **Head (Contracts)**, Oil India Ltd., P.O. Duliajan-786602, **Phone:** 91-374-2808812/2800548, **Fax#** (91)374-2803549, **E-mail:** contracts@oilindia.in.

Foreign bidder may also request Head (Contracts) for an invitation letter, if required, for the purpose of visa for attending the conference.

3.2 A prospective bidder must purchase the Tender Document to participate in the pre-bid conference.

3.3 At the most 2 (two) representatives from each prospective bidder shall be allowed to participate in the pre-bid conference. All costs for attending the pre-bid conference shall be to prospective bidders' account.

3.4 The prospective bidders shall submit their queries through E-mail / Fax / Courier addressed to Head-Contracts, Oil India Ltd., Duliajan-786602, Assam prior to the date of pre-bid conference and such queries must reach OIL's office at Duliajan latest by 1st August'09. OIL shall reply /clarify these queries in the pre-bid conference. OIL will not be responsible for non-receipt or late receipt of any bidder's query in OIL's office.

4.0 OIL now looks forward to your active participation in the tender.

Thanking you,

Yours faithfully,
OIL INDIA LIMITED

HEAD (CONTRACTS)
For RESIDENT CHIEF EXECUTIVE

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PART - 1

INSTRUCTIONS TO BIDDERS

1.0 Bidder shall bear all costs associated with the preparation and submission of bid. Oil India Limited, hereinafter referred to as Company, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

A. BIDDING DOCUMENTS

2.0 The services required, bidding procedures and contract terms are prescribed in the Bidding Documents. This bidding document includes the following:

- (a) A forwarding letter highlighting the following points (Section I) :
 - (i) Company's Tender No.
 - (ii) Bid closing date and time.
 - (ii) Bid opening date, time and place.
 - (iii) Bid submission place.
 - (iv) Bid opening place.
 - (vi) The amount of Bid Security.
 - (vii) The amount of Performance Guarantee.
 - (viii) 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, (Section-I)
- (e) Scope of Work/Terms of Reference,(Section-II)
- (f) Special Conditions of Contract, (Section-III)
- (g) Schedule of Rates, (Section-IV)
- (h) Estimated CIF value of items at the time of import, (Proforma-A)
- (i) Price Bid Format,(Proforma-B)
- (j) Bid Form, (Proforma-C)
- (k) Statement of Non-Compliance, (Proforma-D)
- (l) Performance Security Form, (Proforma-E)
- (m) Agreement Form, (Proforma-F)
- (n) Bid Security Form, (Proforma-G)
- (o) Proforma of Letter of Authority,(Proforma-H)
- (p) Equipment & Services to be furnished by Contractor and/or Company, Annexure - I
- (q) Proforma for Bio-Data of Key Personnel, Annexure -II
- (r) Details of Electrical Machines used in Workover Rigs, Annexure -III
- (s) Details of All Cables, Light Fittings, Push Button Stations, Plug, Sockets etc, Annexure -IV
- (t) Proforma Undertaking from Contractor's Personnel, Annexure -V

2.1 The bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all information required in the Bidding Documents or submission of a bid not substantially

responsive to the Bidding Documents in every respect will be at the Bidder's risk & responsibility and may result in the rejection of its bid.

3.0 **AMENDMENT OF BIDDING DOCUMENTS:**

3.1 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 Bidding Documents by the issuance of an Addendum.

3.2 The Addendum will be sent in writing or by Fax to all prospective Bidders to whom Company has sent the bid documents. The Company may, at its discretion, extend the deadline for bid submission, if the Bidders are expected to require additional time in which to take the Addendum into account in preparation of their bid or for any other reason.

B. PREPARATION OF BIDS

4.0 **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 English translated version, which shall govern for the purpose of bid interpretation.

5.0 **DOCUMENTS COMPRISING THE BID:** The bid submitted by the Bidder 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 9.0.
- (iii) Bid Security furnished in accordance with clause 10.0.
- (iv) Statement of Non-compliance as per Proforma-D
- (v) Proforma-A: List of items to be imported without the CIF values.
- (vi) Copy of commercial bid ***without indicating prices*** (Proforma-B)

(B) COMMERCIAL/PRICE BID

- (i) Bid Form as per Proforma-C.
- (ii) Price-Bid Format as per Proforma-B.
- (iii) Proforma-A showing the items to be imported without the CIF values.

6.0 **BID FORM:** The bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the Bid Document.

7.0 **BID PRICE:**

7.1 Unit prices must be quoted by the bidders, both in words and in figures.

7.2 Price quoted by the successful bidder must remain firm during its performance of the Contract and is not subject to variation on any account.

7.3 All duties (except customs duty which will be borne by the Company) and taxes (excluding service tax) including Corporate Income Taxes and other

levies payable by the successful bidder under the Contract for which this Bidding Document is being issued, shall be included in the rates, prices and total Bid Price submitted by the bidder, and the evaluation and comparison of bids shall be made accordingly. For example, personal taxes and/or any corporate taxes arising out of the profits on the contract as per rules of the country shall be borne by the bidder.

8.0 CURRENCIES OF BID AND PAYMENT:

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

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

9.0 DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS: These are listed in **Part - 2**.

10.0 BID SECURITY:

10.1 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 10.8.

10.2 All the bids must be accompanied by Bid Security 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-G** 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 tender.

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' valid for 180 days from the date of issue and payable at Duliajan, Assam.

- 10.3 Any bid not secured in accordance with sub-clause 10.2 above shall be rejected by the Company as non-responsive.
- 10.4 The bidders shall extend the validity of the Bid Security suitably, if and when specifically advised by OIL, at the bidder's cost.
- 10.5 Unsuccessful Bidder's Bid Security will be discharged and/or returned within 30 days after finalization of tender.
- 10.6 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 28.0 below is furnished.
- 10.7 Bid Security shall not accrue any interest during its period of validity or extended validity.
- 10.8 The Bid Security may be forfeited:
- (a) If any Bidder withdraws or modifies their bid during the period of bid validity (including any subsequent extension) specified by the Bidder on the Bid Form, or
 - (b) If a successful Bidder fails:
 - i) To sign the contract within reasonable time & within the period of bid validity, and/or
 - ii) To furnish Performance Security.
- 11.0 **PERIOD OF VALIDITY OF BIDS:**
- 11.1 Bids shall remain **valid for 180** days after the date of bid opening prescribed by the Company.
- 11.2 In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing (or by Fax). The bid Security provided under Para 10.0 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.
- 12.0 **FORMAT AND SIGNING OF BID:**
- 12.1 The Bidder shall prepare four copies of the bid clearly marking original "ORIGINAL BID" and rest "COPY OF BID". In the event of any discrepancy between them, the original shall govern.
- 12.2 The original and all copies of the bid shall be typed or written in indelible inks and shall be signed by the Bidder or a person or persons duly authorised to bind the Bidder to the contract. The letter of authorisation (as per **Proforma-H**) shall be indicated by written power of attorney

accompanying the bid. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

- 12.3 The bid should contain no interlineations, white fluid erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such correction shall be initialed by the person or persons signing the bid.

C. SUBMISSION OF BIDS

13.0 SEALING AND MARKING OF BIDS:

- 13.1 The tender is being processed according to a single stage - Two bid procedure. Offers should be submitted in two parts viz. Technical bid and Commercial bid each in quadruplicate (one Original and 3 copies).

- 13.2 The Bidder shall seal the original and each copy of the bid duly marking as "ORIGINAL" and "COPY".

- 13.3 The cover containing the Technical Bid (Original + 3 copies) should be in one sealed cover bearing the following on the right hand top corner.

- (i) Envelope No.1 Technical bid
- (ii) Tender No. _____.
- (iii) Bid closing date _____.
- (iv) Bidder's name _____.

- 13.4 The cover containing the Commercial Bid (Original + 3 copies) should be in a separate sealed cover bearing the following on the right hand top corner.

- (i) Envelope No. 2 Commercial bid
- (ii) Tender No. _____.
- (iii) Bid closing date _____.
- (iv) Bidder's name _____.

- 13.5 The above mentioned two separate covers containing Technical and the Commercial bids should then be put together in another envelope bearing the following details on the top and the envelope should be addressed to the person(s) as mentioned in the "Forwarding Letter".

- (i) Tender No. _____.
- (ii) Bid closing date _____.
- (iii) Bidder's name _____.

- 13.6 The offer should contain complete specifications, details of services and equipment/accessories offered together with other relevant literature/catalogues of the equipment offered. The Bid Security mentioned in clause 10.0 should be enclosed with the Technical Bid. **The price Schedule should not be put in the envelope containing the Technical Bid.**

Proforma-A without the CIF values should be enclosed with the Technical bid and the same with the CIF values should be put in the Commercial bid.

- 13.7 All the conditions of the contract to be made with the successful bidder are given in various Sections of this document. Bidders are requested to state their compliance/ non-compliance to each clause as per **Proforma-D**. This should be enclosed with the technical bid.
- 13.8 Timely delivery of the bids is the responsibility of the Bidder. Bidders should send their bids as far as possible by Registered Post or by Courier Services. Company shall not be responsible for any postal delay/transit loss.
- 13.9 Cable/Fax/E-mail/Telephonic offers will not be accepted.
- 14.0 **INDIAN AGENTS:** Foreign Bidders are requested to clearly indicate in their quotation whether they have an agent in India. If so, the bidders should furnish the name and address of their agents and state clearly whether these agents are 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 in non-convertible Indian currency according to Import Trade Regulation of India. Unless otherwise specified, it will be assumed that an agency commission is not involved in the particular bid. Further, Bidders are requested to quote directly and not through their agents in India.
- 15.0 **DEADLINE FOR SUBMISSION OF BIDS:** Bids must be received by the Company at the address specified in the "Forwarding Letter" not later than 12-45 Hrs. (Indian Standard Time) on the bid closing date mentioned in the "Forwarding Letter".
- 16.0 **LATE BIDS:** Any Bid received by the Company after the deadline for submission of bids prescribed by the Company shall be rejected.
- 17.0 **MODIFICATION AND WITHDRAWAL OF BIDS:**
- 17.1 The Bidder after submission of bid may modify or withdraw its bid by written notice prior to bid closing.
- 17.2 The Bidder's modification or withdrawal notice shall be prepared sealed, marked and dispatched in accordance with the provisions of clause 13.0. A withdrawal notice may also be sent by fax but followed by a signed confirmation copy, postmarked not later than the deadline for submission of bids.
- 17.3 No bid can be modified subsequent to the deadline for submission of bids.
- 17.4 No bid may 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.

18.0 BID OPENING AND EVALUATION:

- 18.1 Company will open the Bids, including submission made pursuant to clause 17.0, in the 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-H**) 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.
- 18.2 Bid for which an acceptable notice of withdrawal has been received pursuant to clause 17.0 shall not be opened. Company will examine bids to determine whether they are complete, whether requisite Bid Securities have been furnished, whether documents have been properly signed and whether the bids are generally in order.
- 18.3 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.
- 18.4 Company shall prepare, for its own records, minutes of bid opening including the information disclosed to those present in accordance with the sub-clause 18.3.
- 18.5 To assist in the examination, evaluation and comparison of bids the Company may at its discretion, ask the Bidder for clarifications of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.
- 18.6 Prior to the detailed evaluation, Company will determine the substantial responsiveness of each bid to the requirement of the Bidding Documents. For purpose of these paragraphs, a substantially responsive bid is one, which conforms to all the terms and conditions of the Bidding 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, inconsistent way with the bidding 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.
- 18.7 A Bid determined as not substantially responsive will be rejected by the Company and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

- 18.8 The Company may waive minor informality or nonconformity or irregularity in a bid, which does not constitute a material deviation, provided such waiver, does not prejudice or affect the relative ranking of any Bidder.
- 19.0 **OPENING OF COMMERCIAL/PRICED BIDS:**
- 19.1 Company will open the Commercial Bids of the technically qualified Bidders on a specific date in presence of interested qualified bidders. Technically qualified Bidders will be intimated about the bid opening date in advance.
- 19.2 The Company will examine the Price quoted by Bidders to determine whether they are complete, any computational errors have been made, the documents have been properly signed, and the bids are generally in order.
- 19.3 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price (that is obtained by multiplying the unit price and quantity) the unit price shall prevail and the total price shall be corrected accordingly. If any Bidder does not accept the correction of the errors, their bid will be rejected. If there is a discrepancy between words, and figures, the amount in words will prevail.
- 20.0 **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.
- 21.0 **EVALUATION AND COMPARISON OF BIDS:** The Company will evaluate and compare the bids as per **Part-2** of the bidding documents.
- 22.0 **LOADING OF FOREIGN EXCHANGE:** There would be no loading of foreign exchange for deciding the inter-se-ranking of domestic bidders.
- 22.1 **EXCHANGE RATE RISK:** Since Indian bidders are now permitted to quote in any currency and also receive payments in that currency, Company will not be compensating for any exchange rate fluctuations in respect of the services.
- 22.2 **REPATRIATION OF RUPEE COST:** In respect of foreign parties rupee payments made on the basis of the accepted rupee component of their bid, would not be repatriable by them. A condition to this effect would be incorporated by the Company in the contract.
- 23.0 **CONTACTING THE COMPANY:**
- 23.1 Except as otherwise provided in Clause 18.0 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 18.5.

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

D. AWARD OF CONTRACT

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

25.0 **COMPANY'S RIGHT TO ACCEPT OR REJECT ANY BID:** Company reserves the right to accept or reject any or all bids and to annul the bidding process and reject all bids, at any time prior to award of contract, without thereby incurring any liability to the affected bidder, or bidders or any obligation to inform the affected bidder of the grounds for Company's action.

26.0 **NOTIFICATION OF AWARD:**

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

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

26.3 Upon the successful Bidder's furnishing of Performance Security pursuant to clause 28.0 the Company will promptly notify each un-successful Bidder and will discharge their Bid Security, pursuant to clause 10.0 hereinabove.

27.0 **SIGNING OF CONTRACT:**

27.1 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 Bidding Documents, along with the General & Special Conditions of Contract, Technical Specifications, Schedule of rates incorporating all agreements between the parties.

27.2 Within 30 days of receipt of the final contract document, the successful Bidder shall sign and date the contract and return it to the Company.

28.0 **PERFORMANCE SECURITY:**

28.1 Within 30 days 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-E** 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.

- 28.2 The performance security specified above must be valid for 3(three) months plus 3 months to lodge claim, if any, after the date of expiry of the tenure of the contract to cover the warranty obligations indicated in clause 6.0 of **Section-I** hereof. The same 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.
- 28.3 The performance security shall be payable to Company as compensation for any loss resulting from Contractor's failure to fulfill its obligations under the Contract.
- 28.4 The Performance Security will not accrue any interest during its period of validity or extended validity.
- 28.5 Failure of the successful Bidder to comply with the requirements of clause 27.0 or 28.0 shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security. In such an event the Company may award the contract to the next evaluated Bidder or call for new bid or negotiate with the next lowest bidder as the case may be.
- 29.0 **CREDIT FACILITY:** Bidders should indicate clearly in the bid about availability of any credit facility inclusive of Government to Government credits indicating the applicable terms and conditions of such credit.
- 30.0 **MOBILISATION ADVANCE PAYMENT:**
- 30.1 Request for advance payment shall not be normally considered. However, depending on the merit and at the discretion of the Company, advance against mobilisation charge may be given at an interest rate of 1% above the prevailing Bank rate (CC rate) of SBI from the date of payment of the advance till recovery/refund.
- 30.2 Advance payment agreed to by the Company shall be paid only against submission of an acceptable bank guarantee whose value should be equivalent to the amount of advance plus the amount of interest covering the period of advance. Bank guarantee shall be valid for 2 months beyond completion of mobilisation and the same may be invoked in the event of Contractor's failure to mobilise as per agreement.

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

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. 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: The bidder must meet the following criteria :-

1.0 WORK-OVER RIG

1.1 The bidder shall be in possession of the rigs offered either owned or leased. In case the bidder is not in possession of the rigs at the time of submission of bid, they may offer rigs for which they have an agreement for lease / buy.

1.1.1 IDENTIFICATION OF RIG

- i) All the bidders are required to identify the rigs at the time of submission of bid with documentary proof thereof, confirming availability of the rigs for this contract.
- ii) In case owner of the rigs himself is the bidder, the certificate confirming availability of the rigs for this contract, shall be furnished by owner himself.
- iii) In case of leased rigs/proposed purchase of rigs, the bidders who do not own the Rigs at the time of submission of bid, are required to submit along with un-priced bid, i.e. Technical bid, the original Memorandum of Understanding /Agreement of lease/purchase of rigs, concluded with the owner of the rigs, specially for this tender, with documentary proof of ownership of the rigs in the form of registration certificate of the rigs. The above MOU/Agreement must be valid through validity of the bid. In case of leased rigs, the successful bidder shall be required to keep the MOU/Agreement valid for the period of contract and any extension thereof.
- iv) Offers with identified Rigs but with the condition "subject to availability" may be considered for techno-commercial evaluation. The bidders, however, shall have to confirm the availability of the rigs along with valid original MOU, seven days prior to price bid opening. The date of price bid opening will be intimated to the bidder subsequently. Bidders who fail to confirm availability of rigs will not be considered for price bid opening and would not be considered for award of contract also.
- v) Bidder would not be allowed to substitute the rigs once offered by them in their bid during the period of bid validity.

1.2 The horsepower rating of the rigs offered should be 500 HP(Min) -750 HP(max). Further, the rigs offered should be self elevating mast and sub-structure (as per API standard). The details of the rigs are given in Section - II in Tender document.

1.3 Vintage: The Work-over Rig units including the accessories and equipment offered should not be older than **8 years (manufactured not before year 2001)** (but all the tanks to be provided for mud/ brine system and mud plant should be new). Documentary proof of date of manufacturing along with Manufacturer's certificate should be provided with the bid.

1.4 Residual life: The offered work over rigs if not brand new unused rigs, should have a minimum residual life of **7 years as on 31-July-2009**. The bidder should submit a certificate in original from any one of the following inspection agency as per proforma enclosed at **Appendix-1**:

- (i) M/s Bureau eritas
- (ii) M/s Det Norske Veritas
- (iii) M/s Lloyd's
- (iv) M/s Oil Field Audit Services

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

- i) Name and address of the owner of the rigs after due verification of documents.
- ii) Confirmation that the rigs meet the technical specification as laid down at Section-II of the Tender Document.
- iii) Make, Model, Capacity/Rating, year of manufacture and residual life as inspected for each of the component as well as for the overall rigs.
- iv) In case of brand new rigs, the bidder should submit a certificate in original from the manufacturer as per Proforma enclosed at **Appendix-2** along with technical bid. The certificate from manufacturer should also clearly indicate the committed date of readiness of the rigs for shipment after due inspection and certification from any one of the classification societies specified above prior to shipment.

2.0 EXPERIENCE : Bidder shall meet the following minimum criteria :

2.1 The bidder shall have at least 2(two) years experience of providing Drilling/Work-over services to oil (E&P) Company with charter hired rig or with its in-house rigs (through MMC) in the last 7 years as on the Bid Closing Date.

2.2 In case, the bidder is an Indian company/Indian joint venture company, either the Indian company/Indian joint venture company or its technical collaboration partners should meet the criteria laid down at Para 2.1 above.

2.3 Average annual financial turnover of minimum Rs. 14.00 Cr (or US\$ 3.00 million) during the last 3 years ending 31.03.2008.

2.4 Details of experience and past performance of the bidder and the collaborator (in case of collaboration) or of joint venture partner (in case of a joint venture), on works/ jobs done of similar nature in the past are to be submitted along with the un-priced bid, in support of experience laid down at Para 2.1 above. Also, details of current work in hand and other contractual commitments of the

bidder (indicating areas and clients) are to be submitted along with the un-priced bid.

2.5 In case, the bidder is consortium of companies, the following requirement should be satisfied by the bidder:

- (a) The combine experience of consortium should satisfy the minimum experience requirement as per Para 2.1 & 2.3.
- (b) The Leader of consortium should confirm unconditional acceptance of full responsibility of executing the 'Scope of Work' of this bid document. This confirmation should be submitted along with the un-priced bid.
- (c) All the members of consortium must undertake in their MOU that each party shall be jointly and severally liable to OIL for any and all obligations and responsibilities arising out of this contract.
- (d) MOU/Agreement concluded by the bidder with technical collaboration/joint venture partner (in case of joint venture/consortium offers), should also be addressed to OIL, clearly stating that the MOU/Agreement is applicable to this tender and shall be binding on them for the contract period. Notwithstanding the responsibility of completion of job under this contract will be that of the main bidder.

3.0 Offers indicating mobilization time more than **4(four) months** from the date of issuance of LOA will be summarily rejected.

4.0 The bidder must confirm to provide the key personnel with requisite experience and qualification as specified in Clause 7.6.1 (personnel to be deployed) under **Section - II**, Terms of Reference.

5.0 The Bidder must confirm to provide **2(two) complete rig packages and other common additional items** as specified under Section - II of the tender document, failing which, the bid will be rejected.

6.0 DOCUMENTS: Bidders must furnish documentary evidences along with their bids in support of fulfilling all the above requirement as under :

- (a) Rigs offered – documents relating to rigs already in possession or propose to own / lease along with technical specifications / details.
- (b) Vintage of the offered rigs as per Para 1.3 above.
- (c) Drilling/Work-over experience of bidder – Statement to be furnished by bidder in a tabular form along with copies of contracts/work orders/ completion certificates/ payment certificates issued by the clients.
- (d) Financial turnover of bidder – Audited balance sheets/profit and loss accounts etc.

- (e) MOU or legally acceptable documents in support of tie-up arrangements along with relevant documents towards experience of the collaborator, joint venture partners/consortium partners.

B. COMMERCIAL – BID SUBMISSION

1.0 Tender is being processed according to a single stage two bid system, i.e. Technical bid and Price bid separately. Bids shall be rejected outright if the technical bids contain the prices.

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 Bid security shall be furnished as a part of the bid. The amount of bid security shall be as specified in the bid document. Any bid not accompanied by a proper bid security will be rejected.

4.0 Bids received after bid closing date and time will be rejected.

5.0 Any bid received in the form of Telex/Cable/Fax/e-mail will not be accepted

6.0 Bids shall be typed or written in indelible ink and Original bid shall be signed by the bidder or his authorised representative on all pages failing which the bid may be liable for rejection.

7.0 Bids shall contain no interlineation, erasures or over writing except as necessary to correct errors made by bidders, in which case such corrections shall be initialed by the person(s) signing the bid. However, white fluid should not be used for making corrections. Any bid not meeting this requirement will be liable for rejection.

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

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

10.0 Any bid containing false statement will be rejected.

11.0 Bidders must quote clearly and strictly in accordance with the price schedule outlined in "Price Bid Format" of bidding document, otherwise the bid will be summarily rejected.

12.0 Bidder must accept and comply with the following clauses as given in the Tender Document in toto failing which offer will be rejected –

- (i) Performance Guarantee Bond Clause
- (ii) Force Majeure Clause
- (iii) Tax Liabilities Clause

- (iv) Arbitration Clause
- (v) Acceptance of Jurisdiction and Applicable Law
- (vi) Liquidated damage cum penalty clause
- (vii) Safety & Labour Law
- (viii) Termination Clause

13.0 Indian bidders, whose proposal for technical collaboration/joint venture involves foreign equity participation or payment of royalty and/or lump sum for technical know-how and wherever Govt. approval is necessary, are required to submit copy of Govt. approval on their application prior to date of price bid opening.

C. GENERAL

1.0 In case bidder takes exception to any clause of tender 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 bidders.

2.0 To ascertain the substantial responsiveness of the bid the Company reserves the right to ask the bidder for clarification in respect of clauses covered under 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 tender 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 contract will be signed with successful bidder for 2(two) years of operation with provision for extension. Depending on the performance of the Contractor, the Company reserves the right to extend the contract for another 1(one) year under the same rate, terms and conditions. Extension beyond 3 years of operations will be agreed only after rates, terms and conditions are mutually agreed upon. However, Bids will be evaluated on total cost for 2 years of operation only.

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

- a) Payment towards standby time rate shall be 70% of the operating day rate.
- b) Payment towards rig Repair day rate shall be 60% of operating day rate.
- c) Payment towards Force Majeure day rate shall be 50% of operating day rate.
- d) Payment towards Fishing day rate shall be as per Section-IV: Schedule of Rates/Payment.

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

6.0 The quantities shown against each item in the "Price Bid Format (i.e. in Proforma-B)" shall be considered for the purpose of Bid Evaluation. It is, however, to be clearly understood that the assumptions made in respect of the number of days/ parameters for various operations are only for the purpose of evaluation of the bid and the Contractor will be paid on the basis of the actual number of days/parameter, as the case may be.

7.0 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 :

TOTAL ESTD COST FOR 2 RIGS FOR 2 YEARS CONTRACT:
T = TCRO X 2 + TADD

Effective Day Rate (EDR) per each Rig:

EDR = T / 730 / 2 (i.e. Total estimated contract cost divided by 730 days divided by 2-Rigs).

Where:

TOTAL ESTIMATED CHARGES PER RIG FOR 2 YEARS CONTRACT:
TCRO = TM + TD + TOC + TLA + TLB + TLC

TOTAL CHARGES FOR ADDITIONAL ITEMS:

TADD = T.A + T.B + T.C + T.D

- | | |
|---|--------------------------|
| a. Total Mobilisation charges for each rig- | TM = M |
| b. Total Demobilisation charge for each rig - | TD = D |
| c. Total Operating day rate per rig- | TOC = OCx570 days |
| d. Total Inter-location movement Charges
(for movement within a distance of 30 Kms)- | TLA = LA x 16 |
| e. Total Inter-location Movement charges on Kilometrage
basis for movement in excess of 30 Km- | TLB = LB x 100 |
| f. Total Inter-Location Movement charge (Cluster location)- | TLC = LC x 1 |
| g. Total charges for Tubulars, crossover subs & handling tools- | T.A |
| h. Total charges for Welding machine - | T.B |
| i. Total charges for One 20MT Crane - | T.C |
| j. Total charges for One Light Truck - | T.D |

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

8.0 Granting of Price Preference (applicable to ICB tenders only)

(i) **Price Preference:** Domestic bidders providing oil field services in the global tender of OIL, would be entitled to a price preference upto 10% over the lowest acceptable (quoted) Foreign bid subject to value addition. For estimating/ ensuring value addition and price preference, domestic bidders should provide all evidence necessary to prove that they meet the following criteria:

- (a) Be registered within India
- (b) Have majority ownership by Nationals of India
- (c) Not sub-contract more than 80% of the works measured in terms of value, to Foreign Contractors.

For (c) above an original certificate from practicing Chartered Accountants indicating therein various details which could establish that not more than 80% of the works measured in terms of value has been sub-contracted to Foreign Contractors must be furnished to OIL (in unpriced techno-commercial bid). It must be noted that above information so furnished, if at any stage found wrong, incorrect or misleading, will attract action as per rules / law.

(ii) **Purchase Preference to central PSUs:** Not Applicable

(iii) Where (applicable for ICB tenders only) Central PSUs as well as domestic bidders are eligible for Purchase and Price preference respectively, Purchase preference to PSU shall take precedence over the Price preference.

9.0 Custom Duty on Imported Items/Equipment: The services under this Contract shall be carried out in ML/PEL areas of the Company issued or renewed

to Company after 01/04/99 and therefore, imports under this Contract is presently exempted from Customs Duty. OIL shall issue necessary Essentiality Certificate for availing the Nil Customs duty benefit. 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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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) "**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.

2.0 **EFFECTIVE DATE, MOBILISATION TIME, DATE OF COMMENCEMENT OF THE CONTRACT AND DURATION OF CONTRACT:**

2.1 **EFFECTIVE DATE OF CONTRACT** : The contract shall become effective as of the date Company notifies Contractor in writing (through Letter of Award) that it has been awarded the contract.

2.2 **MOBILISATION TIME** : The mobilization of equipment, personnel etc. should be completed by Contractor within **4 months** from the effective date of the contract. Mobilization shall be deemed to be completed when Contractor's equipment and manpower are placed at the nominated location in readiness to commence Work 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 is treated as **date of commencement of Contract.**

2.4 **DURATION OF CONTRACT:** The contract shall be initially for a period of 2 (two) years from the commencement date with an option to extend the contract period for another 1(one) year at the discretion of Company at the same rates, terms and conditions. The terms and conditions shall continue until the completion/ abandonment of the last well being drilled at the time of the end of the Contract. Extension beyond 3 years of operations will be agreed only after rates, terms and conditions are mutually agreed upon.

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 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. The replacement key personnel must have the requisite qualification and experience as per Terms of Reference(Section-II) and shall submit their credentials along with their recent photographs to Company for approval of Company.

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

6.2 Should Company discover at any time during the tenure of the Contract or within 3(three) months after completion of the operations 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 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.

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. All information obtained by Contractor in the conduct of operations and the information/maps provided to the Contractor shall be considered confidential and shall not be divulged by Contractor or its employees to any one other than the Company's personnel. This obligation of Contractor shall be in force even after the termination of the contract.

8.0 **TAXES:**

8.1 Tax levied as per the provisions of Indian Income Tax Act and any other enactment/rules on income derived/payments received under this 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.

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 this contract for submitting the same to the Tax authorities, on specific request from them. 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 Tax clearance certificate for personnel and corporate taxes shall be obtained by the Contractor from the appropriate Indian Tax authorities and furnished to Company within 6 months of the expiry of the tenure of the contract or such extended time as the Company may allow in this regard.

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

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

8.8 All local taxes, levies and duties, sales tax, octroi, entry tax etc. on purchases and sales made by Contractor (except customs duty) shall be borne by the Contractor.

8.9 **Service Tax:** The price excludes Services Tax and the service tax as applicable shall be to Company's account.

9.0 **INSURANCE:**

9.1 The Contractor shall arrange insurance to cover all risks in respect of their personnel, materials and equipment belonging to the Contractor or its sub-contractor during the currency of the contract.

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

- a) Workmen compensation insurance as required by the laws of the country of origin of the employee.
- b) Employer's Liability Insurance as required by law in the country of origin of employee.
- c) General Public Liability Insurance 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 fulfill 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).
- 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.

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

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

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

9.6 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 therefrom shall be to the sole account of Contractor.

9.7 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.

9.8 All insurance taken out by Contractor or his sub-Contractor shall be endorsed to provide that the underwriters waive their rights of recourse on the Company.

10.0 CHANGES:

10.1 During the performance of the work, Company may make a change in the 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(Change 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 as provided herein. 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) 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 ten days. Either party will have the right to terminate the contract if such 'Force Majeure' condition continues 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 period unless otherwise agreed to. Time for performance of the relative obligation suspended by the 'Force Majeure' shall then stand extended by the period for which such cause lasts.

12.0 TERMINATION:

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

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

12.3 TERMINATION ON ACCOUNT OF INSOLVENCY: In the event that the Contractor at any time during the term of this 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 this Contract and all the Contractor's rights and privileges hereunder, shall stand terminated forthwith.

12.4 TERMINATION FOR UNSATISFACTORY PERFORMANCE: If the Company considers that, the performance of the Contractor is unsatisfactory, or not up to the expected standard, the Company shall notify the Contractor in writing and specify in details the cause of the dissatisfaction. The Company shall have the option to terminate this 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 15 (fifteen) days written notice to the Contractor due to any other reason not covered under the above clause from 12.1 to 12.6 and in the event of such termination the Company shall not be liable to pay any cost or damage to the Contractor except for payment of services as per the Contract up to the date of termination.

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 All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this contract or the breach thereof shall be settled by arbitration in accordance with the Rules of Indian Arbitration and Conciliation Act, 1996. The venue of arbitration 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 :

- | | |
|---|---|
| <p>a) <u>Company</u>
<u>For Contractual Matters</u>
Head (Contracts)
OIL INDIA LIMITED
PO DULIAJAN - 786602
ASSAM, INDIA
Tel No. 91-374-2800548
Fax No. 91-374-2803549
Email: contracts@oilindia.in</p> | <p>b) <u>For Technical Matters</u>
General Manager (OD&RS)
OIL INDIA LIMITED
PO Duliajan - 786602,
Assam, India</p> |
| <p>c) <u>Contractor</u>

Fax No. :</p> | |

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 drilling 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 can not 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 operations within the stipulated period, the Contractor shall be liable to pay liquidated damages @ 1/2% of 1st year contract value including mobilization cost, 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 No. 2.0 of Section - I.

17.2 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.

18.0 **PERFORMANCE SECURITY:** The Contractor has furnished to Company a Bank Guarantee No. _____ dated _____ issued by _____ for _____ (being 7.5% of estimated Contract Price

for 1st year) valid till _____ towards performance security. The performance security shall be payable to Company as compensation for any loss resulting from Contractor's failure to fulfill their obligations under the Contract. In the event of any extension of the Contract period, Bank Guarantee should be extended by the period equivalent to the extended period of the contract. 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 through out 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 therefrom.

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 therefrom.

21.3 The Contractor hereby agrees to waive its right to recourse and further agrees to cause their underwriters to waive their right of subrogation against Company and/or its underwrites, servants, agents, nominees, assignees, Contractors and sub-Contractors for loss or damage to the equipment of the Contractor and/or its sub-Contractors when such loss or damage or liabilities arises out of or in connection with the performance of the 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.

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 therefrom.

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 therefrom.

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

23.0 **INDEMNITY AGREEMENT:**

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

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

24.0 **INDEMNITY APPLICATION:** The indemnities given herein above, whether given by Company or Contractor shall be without regard to fault or to the negligence of either party even though said loss, damage, liability, claim, demand, expense, cost or cause of action may be caused, occasioned by or contributed to by the negligence, either sole or concurrent of either party.

25.0 **PAYMENT & INVOICING PROCEDURE:**

25.1 Company shall pay to Contractor, 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.

25.2 All payments due by Company to Contractor shall be made at Contractor's designated bank. All bank charges will be to Contractor's account.

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

25.4 Contractor will submit 6(six) sets of all invoices to Company address given under **para 14.1 (b)** above for processing of payment.

25.5 The Company shall within 20 days of receipt of the invoice notify Contractor of any item under dispute, specifying the reasons thereof, in which event, payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion. This will not prejudice the

Company's right to question the validity of the payment at a later date as envisaged in sub-clause **25.3** above.

25.6 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.

25.7 Contractor shall maintain complete and correct records of all information on which Contractor's invoices are based upto 2(two) years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query/objection. Any audit conducted by Company of Contractor's records, as provided herein, shall be limited to Company's verification (i) of the accuracy of all charges made by Contractor to Company and (ii) that Contractor is otherwise in compliance with the terms and conditions of this Agreement.

25.8 **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).

26.0 **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.

27.0 APPLICABLE LAW:

27.1 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.

27.2 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 - as applicable to safety and employment conditions.
- b) The Minimum Wages Act, 1948.
- c) The Oil Mines Regulations, 1983.
- 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 thereunder.
- 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.

28.0 **RECORDS, REPORTS AND INSPECTION**: The Contractor shall, at all times, permit the Company and its authorised employees and representatives to inspect all the Work performed and to witness and check all the measurements and tests made in connection with the said work. The Contractor shall keep an authentic, accurate history and logs including safety records of each IP survey section with major items consumed, which shall be open at all reasonable times for inspection by the Company designated representatives and its authorised employees and representatives. The Contractor shall provide the Company designated representatives with a daily written report, on form prescribed by the Company showing details of operations during the preceding 24 hours and any other information related to the said IP survey requested by the Company whenever so requested. The Contractor shall not, without Company's written consent allow any third person(s) access to the said survey, or give out to any third person information in connection therewith.

29.0 **SUBSEQUENTLY ENACTED LAWS**: Subsequent to the date of submission of Contractor's bid, if there is a change in or enactment of any law or interpretation of existing law, which results in additional cost/reduction in cost to Contractor on account of the operation under the Contract, the Company/ Contractor shall reimburse/pay Contractor/Company for such additional/reduced costs actually incurred.

30.0 **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.

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

TERMS OF REFERENCE AND TECHNICAL SPECIFICATIONS

- 1.0 **INTRODUCTION:** This section establishes the scope and describes the specifications, instructions, standards and other documents including the specifications for any tools or equipment, which the bidder shall satisfy or adhere to in the performance of the work.
- 2.0 **DEFINITION OF WORK:** To provide 2 (two) number of mobile Work-over rigs with associated equipment / tools & services on hiring for an initial period of 2(two) years with provision for extension for a further period of 1 (one) year till the completion/ abandonment of last well at the same rates, terms and conditions. The rig provided by the Contractor will be utilized by Oil India Ltd. for work-over operations either straight vertical holes or planned deviated holes Well depths are expected to be in the depth range of 2500 - 6000 metres. Depths of the wells, where operations are to be carried out, may somewhat increase or decrease at the discretion of the Company within the rated capacity of the rig.
- 2.1 **WORKOVER JOBS INCLUDING BUT NOT LIMITED TO THE FOLLOWING JOBS:**
- a) Re-completion of well with/without Gas Lift valves, packer with/without electrical submersible pumps and sucker rod pumps.
 - b) Fishing operations e.g. fishing of swabbing tools, logging tools, tubing, drill pipe, packers, piano wire, scrappers etc. and re-completion of well.
 - c) Extension of perforation/re-perforation with/ without plugging back and subsequent operation to bring the well into production.
 - d) Isolation of zones by setting cement plug/ packers and repairs.
 - e) Stimulations – acidization, hydro-fracturing proppant
 - f) Sand control using gravel packing/ screens consolidated pack
 - g) Sand/cement cleaning and re-completion of wells.
 - h) Milling operations e.g. milling of packers, bottom hole junks, bridge plug, cement retainer and metallic obstructions.
 - i) Water shut off job e.g. squeezing cement, sodium ortho-silicate polymer solution or any other technique.
 - j) Drilling of cement plug
 - k) Surfactant jobs
 - l) Other allied miscellaneous workover jobs as may be decided by the Company.
- 2.2 **GUIDELINES:** Recommended safe procedures & guidelines should be followed while carrying out workover & well stimulation operation. [OISD-182]
- 3.0 **AREA OF OPERATION:**
- 3.1 The area of the operation as planned is in Assam & Arunachal Pradesh.
 - 3.2 The following information is for general guidelines to the bidders:

- (a) Minimum width of the well site approach road: 3.66 m
- (b) Turning Radius: 15 m (Generally), 12 m (exceptionally)
- (c) Maximum allowable unit load inclusive of fare weight for Class AA loading: 50 tones
- (d) Maximum overhead clearance: 4.25 m.
- (e) Highest recorded wind velocity in Assam 80km/hour (60 MPH).
- (f) Max. Recorded ambient temp: 40° Celcius
- (g) Min. recorded ambient temp: 8° Celcius.
- (h) Weather Pattern Frequent rains from March to September and occasional during the remaining period.
- (i) Nature of top soil usually Clay/Alluvium/ Unconsolidated.
- (j) Source of water: Through shallow bore wells. In rare cases, where water can not be drawn from bore wells, water is to be drawn from nearby rivers, pond or water body etc. nearer to the well site.
- (k) Average annual rainfall: 250 / 300 cm.
- (l) Humidity: Max. 98%.
- (m) Allowable axle load rating of weakest section of road: 2 Tons

4.0 **SCOPE OF SERVICE:** The successful bidder shall provide rig package along with all necessary equipment as listed to carryout Work-over operations in accordance with the completion programme. Apart from this, the successful bidder shall also provide spares for the entire rig package with operating crew at all time for uninterrupted progress of work and make available all items mentioned herein ready for use.

5.0 **PRESENCE OF CO₂ & H₂ S:** Presence of CO₂ in minor amounts is expected in the wells. The wells are expected to be H₂S free. Accordingly, the equipment/ tools etc. to be offered by the Contractor shall be for generally H₂ S free environment.

6.0 **TECHNICAL SPECIFICATION OF RIG PACKAGE TO BE OFFERED BY BIDDER:** The successful bidder shall mobilize all necessary equipment and tools for successful and economic completion of the Work-over operation. The necessary technical details & literature of the Rig, tools and equipment such as Engine, Pump, transmission, Reduction box, Torque Converter etc. are to be submitted along with the technical bid.

7.0 **SPECIFICATIONS OF WORKOVER RIG AND ALL THE EQUIPMENTS/ ACCESSORIES TO BE PROVIDED ALONG WITH EACH RIG :**

7.1 **SELF-PROPELLED 500HP [min] - 750 HP(Max) MOBILE WORK-OVER RIG** complete with the following:

- a) **DRAW WORKS:**
 - Min. Input horsepower rating: 500 hp (373 kW)
 - Nominal depth rating: 6096 m (20000 ft) with 2.7/8" OD EUE Tubing 3048m (10000ft) with 3.1/2"OD drill pipe
 - Hoisting capacity: 125 tons (113 MT or Tonnes).
 - Twin drum draw works having main drum lebus grooved for 1" or 1.1/8" drilling line and sand line drum.

- **Hydromatic Brake:** Water-cooled Hydromatic brake, driven by a twin-disc clutch with independent oil bath chain case to serve as assist brake, with suitable capacity water tank, valves and piping installed on the carrier.
 - **TWIN STOP DEVICE (CROWN & FLOOR SAVER):** One (1) Pneumatically activated Twin-stop Device – Crown Saver to prevent collision between traveling block assembly and the crown block assembly, Floor Saver to prevent collision between the traveling block assembly and the drill floor.
- (b) **DRILLER'S CONSOLE:** Driller's console, adjustable height, located at the rear of the carrier incorporating all functions to carry out workover operations smoothly. Additionally, following minimum instruments should be mounted in suitable enclosure at Driller's console arranged in such a manner to give clear view of each & every gauge to Driller while operating the draw-works.
- Weight Indicator, preferably Martin Decker make with suitable sensor. Should be complete with 6 lines & 8 lines dials for 1" or 1.1/8".
 - Mud pressure gauges 0-10,000 PSI. The mud pressure gauge system should have one (1) gauge for standpipe and one (1) for annulus pressure
 - Suitable recorder for recording hook load
 - SPM indicator for mud pump at driller's console

NOTE: Rig instrumentation should be suitable for Hazardous area as per OMR-1984.

- (c) **MAST:**
- Two-section Telescoping Mast manufactured & monogrammed per API Spec 4F, with hydraulic mast tilting & extending systems and automatic locking device to lock the mast into its fully extended operating position.
 - Crown block assembly should be complete with sheaves for cat-line, sand-line, sheave units for rig tongs, power tong/pipe spinner.
 - Clear height (below crown) from the ground: 112 feet [approx.]
 - Static hook load capacity: 300000 lbs with 8 lines strung
 - Wind load resistance with full set back: Minimum 40 mph (64kmph) without guy lines
 - Minimum 150 Ton (136 Tonnes) capacity Crown Block Assembly with adequate no. of sheaves for stringing up 8 lines
 - Mast load & wind guy lines
 - Sheaves for catline, sandline, sheave units for rig tongs, power tong / pipe spinner
- (d) **SUB-STRUCTURE:**
Substructure assembly with provisions for mounting 17.1/2" Rotary Table, manufactured & monogrammed per API Spec 4F.

- Floor height adjustable from 10 ft to 14 ft.
 - Minimum clear height under Rotary beams: 7 ft (When adjusted at 10 ft height)
 - Static Rotary Capacity: 125 tons (250000 lbs) Minimum
 - Pipe Setback Capacity 70 tons (140000 lbs) Minimum
 - Combined Static Rotary & Setback Capacity: 390000 lbs Minimum
 - Work Floor Dimensions: 15 ft x 15 ft
 - Substructure should have provision for rat hole and mouse hole
- (e) **TRAVELLING BLOCK AND HOOK:** 150 -110 T capacities unitized traveling block & hook assembly with 4 sheaves.
- (f) **ROTARY DRIVE:** Rotary drive, for driving 17.1/2” Rotary Table by means of suitable air flex clutch drive from the rotary counter shaft, with oil bath chain guard and sprocket for rotary table. The static load rating of 350000 lbs complete with master bushing
- (g) **SERVICE WINCH:** hydraulic winch with wire line, tail chain, control valve & hoses installed having bare drum line pull capacity of 5000 lbs.
- (h) **HYDRAULIC SYSTEM:** Suitable for heavy duty power tubing tong, raising & lowering the mast, and hydraulic winch. May be single or double, hydraulic pumps of suitable capacity, completed with necessary hydraulic circuit and accessories. The system should be capable of operating properly the Telescopic Rams of the Rig for rigging up or down the mast, the hydraulic motor to operate the winch and hydraulic subs. Preferably, the hydraulic pumps should be driven by the PTOs fitted with the Transmission.
- (i) **ROTARY TABLE:** Rotary Table with 17.1/2” (445 mm) opening and static load rating of 250 tons
- (j) **ROTARY SWIVEL:** Swivel having dead load rating of 160 T with 5000 PSI working pressure and complete with bail bumper support, goose neck connection to rotary hose etc. Swivel pin connection should be 3” API regular left hand with matching cross-over.
- (k) **ELEVATOR LINKS:** 150 T Welds less elevator links. The links should be compatible to Traveling block & Hook.
- (l) **ROTARY HOSE:** Rotary hose of 2” ID, 3000 psi working pressure, 50 ft long, conforming to API Spec. 7K with safety clamps at both ends & necessary fittings for connection to stand pipe & swivel goose neck
- (m) **ROTARY KELLY:** Suitable Square Kelly compatible to rotary table with Kelly scabbard and matching Kelly bushing capable to work inside 5.1/2” casing.

- (n) **RIG ENGINE:** May be single, diesel fueled engine, capable of transmitting minimum Net 500 HP in total to the Draw Works. While calculating HP of the engine (s), the entire load for accessories drive and transmission & other losses shall be taken into account.

NOTE: Statutory requirement for SAFETY:

- (i) All the rotating parts, Belts etc. should be well guarded.
- (ii) Engine(s) should be equipped with” Emergency Kill” devices by shutting off air supply. This device should be operative from the Driller’s Console.
- (iii) Engine(s) should have two systems for self starting: (a) Electrical starting system during rig movement period and (b) Air starting system during operation period inside the well plinth.
- (o) **AIR COMPRESSOR:** Air compressor of required capacity for operating Air starter for the Rig engines and other pneumatic controls. The prime mover engine of the Air compressor will be hand starting (but not Electric starting). The Air compressor shall be mounted on the deck itself in a convenient position. If required, the compressor may be placed on the ground also during operation period by laying down necessary lines for air supply.
- (p) **TRANSMISSION:** May be single or double, Torque converter type automatic Transmission with minimum 4 nos. Forward and 1 no. Reverse speed which is/are capable of transmitting minimum 600 HP to the Draw Works. The Transmission should have equipped with PTO to drive hydraulic pumps and other accessories as may be required for operation.

- 7.2 (a) **WELL SERVICING PUMP:** One no. pump set of following specification should be attached with each Rig:-

Type: Reciprocating, single acting-triplex or double acting duplex with replaceable liners & plungers / pistons to meet a range of discharge volumes and pressures as per operational requirements.

Discharge Capacity: **250 US GPM against 1000 PSI**
 50 US GPM against 5000 PSI

(Pump set should be equipped with various speed reduction Gear box to meet these parameters)

Pump Duty: Intermittent service

Well fluid to be handled:

- (i) Saline water with 2 – 3 % KCl or NaCl or Calcium Chloride.
- (ii) Other fluids like HSD, LWC, Bentonite Mud, Xanvis etc.
- (iii) Cement Slurry of maximum weight 120 lb / cft
- (iv) Mud Acid having 10 – 15 % HCl + 3 – 5 % HF + Water

NOTE:

- (i) Cementation and Acidization jobs are not of regular type. These jobs may be required to carry out as per individual well's completion policy occasionally.
- (ii) The prime mover engine should preferably be Air starting.

- (b) **SOURCE WATER PUMP SETS:** 2 nos. source water pumps (preferably Electric motor driven) required to lift under ground water for industrial uses of capacity of each 17 KL /Hr against a head of 80 M & suction lift of 8 M. Normally, water is available at 15 – 30 feet below the ground level.

(**NOTE:** Where source water is not available at particular well site, successful bidder will have to arrange water on their own)

- (c) **PUMP SET for FILTER UNIT & BLENDER UNIT:** A separate pump set of suitable capacity (preferably Electric motor driven) which will be exclusively used for running the Filter unit and Blender unit.

7.3 GENERATING SET: A diesel Generating set (Twin unit) of required KVA power considering all electrical loads which should be noise proof.

7.4 TANKAGES FOR STORING:

- For water storing : 250 bbl capacity
- For well fluid storing : 700 bbl capacity
- For Mud Acid Job :] 1 no. tank 100 bbl capacity
- For Filter solution & Blended solution:] 1 no. tank 50 bbl capacity

7.5 SUCTION AND DELIVERY SYSTEM: Suction hose with interconnection between No. 1 & No. 2 pump suction lines. From each pump delivery manifold suitable bleed line and valve shall be provided. Pump delivery manifold shall have arrangements for hole fill-up line and kill-line connection.

GENERAL NOTE:

- (i) All the necessary pipes, fittings, valves etc. required to rig up the static and hook up the pumps shall be provided by the Contractor.
- (ii) Any other pipes, fittings, valves etc. which may be required during operation period shall be provided by the Contractor.

- (iii) Adequate length of high pressure pump delivery lines from Well Killing pump, for placement of pump at recommended distance from wellhead be provided by the Contractor.
- (iv) The total number of rig loads required for rig movement should be clearly spelt out in the bid giving details of each load.
- (v) Approximate transportable dimension of one rig load should be confined to 9 M (L) x 3.5 M (W) x 3 M (H).
- (vi) Supply, storage, consumption / regulation of water & fuel at the well sites as well as at the camp site shall be the Contractor's responsibility. Any shut down of operation due to non-availability of water and fuel shall be on the Contractor's account.
- (vii) Supply of LDO / LWC for mud preparation and for meeting other downhole eventualities will be the Company's responsibility. The Contractor shall also provide fuel for all of their vehicles and other stationary engines.
- (viii) All sorts of lubricants for day to day operation of various rig equipments shall be supplied by the Contractor. Also, various spares for rig components shall be stocked / supplied by the Contractor.
- (ix) **Well Logging Service:** All logging requirements as depicted in the Work over programme will be met by OIL through its in-house or logging Contractors' service.
- (x) **Well killing:** During well killing, OIL will supervise the operation, the necessary service shall be provided by the Contractor.

7.6 LIGHTING SYSTEM: Explosion proof, suitable for hazardous location with adequate lighting at all the important points. Mast lighting system and area lighting system should be provided with proper fixing arrangements, poles etc.

NOTE: STATUTORY REQUIREMENTS FOR ELECTRICAL ITEMS

All the equipment such as light fittings, plugs & sockets, junction boxes, etc used in hazardous area must have CMRI (INDIA) certifications or equivalent certification from competent authority from the country of origin and the bidder has to forward the same along with the offer. Bidder shall confirm categorically during the offer that approval of DGMS (INDIA) for zone I, Gas group II & B for the same will be provided along with the supply. The bidder should ensure that RED AVIATION WARNING LIGHTS on the crown of the mast have been provided as per Aviation Standards.

7.7 OTHER EQUIPMENT: Shall be provided under each rig

a) Rig wise Equipments:

- i) **3.1/2" OD Drill collar:** 6 Nos.
- ii) **3.1/2" Mud Motor for 5.1/2" Casing & 4.3/4" Mud motor for 7" Casing:** For cement cleaning/ milling purposes. [Atleast one should be ready for operation whenever required with working spares].
- iii) **Casing scrapper:** Suitable for 5.1/2" [17-23 ppf], 7" [23-29ppf].
- iv) **Electric motor driven Blender unit:** For blending/mixing viscous fluids at our Workover well-sites.
- v) **Filtration unit with accessories:** For removing 02-50 micron fine solid contaminants from workover fluid so as to minimize damage to the formation.
- vi) Suitable size bell nipple and flow nipple for making up at the wellhead.
- vii) **Bridge Plug Milling and Retrieving tool** with accessories for 5.1/2" OD x17-23 PPF casing (Plug-Plucker) & for 7" OD x 23-29 PPF Casing.
- viii) **Retrievable type Bridge Plug** for squeeze cementing job for 5.1/2" OD x17-23 PPF casing & for 7" OD x 23-29 PPF Casing. mill with Junk subs to work inside both 5.1/2" x17-23 PPF

b) OTHER ITEMS:

- i) Well site Chemical Go-down
- ii) Crew Basha
- iii) Tool Pusher Office
- iv) Rig Ware House
- v) First Aid Hut
- vi) Thread dope (Z-50 type) for lubrication of threads.

7.8 HANDLING TOOLS: shall be provided under each rig

(a) Elevators:

- (i) For 2.7/8" EUE Tubing – 2 Nos.
- (ii) For Vam Tubing (2.93" bore) – 2 Nos.
- (iii) For 3.1/2" Drill pipe – 2 Nos.
- (iv) For 3.1/2" Tubing – 2 Nos.
- (v) For 3.1/2' Drill Collar – 1 No.

(b) Slips:

- (i) Rotary Hand Slip for 2.7/8" Tubing – 2 Nos.
- (ii) Rotary Hand Slip for 3.1/2' Drill Collar – 1 No.
- (iii) Rotary Hand Slip for 3.1/2" Tubing – 1 No.
- (iv) Rotary Hand Slip for 3.1/2" Drill pipe – 1 No.

(v) Spider Slip for 2.7/8" Tubing & 2.7/8" Drill pipe – 1 No.

NOTE: Slip should have segment for 2.3/8" tubing & 2.3/8" Drill pipe

- (c) **Rig Tongs:** Complete sets of Rotary tongs in pairs with 2 sets of extra jaws and replaceable spares of required capacities & sizes to handle the following tubular:
- (i) 2.7/8" OD Drill pipes & 3.1/2" drill collars.
 - (ii) Tubing tongs (both 2.7/8" EUE and Vam)
 - (iii) 3.1/2" Tubing & 3.1/2" Drill pipe
- (d) **Power Tubing Tong:** For 2.7/8" tubing
- (e) **Drill Collar safety clamps:** For 3.1/2" Drill Collars
- (f) **Cross-over subs:** For various sizes of tubular mentioned above [The bidder should provide necessary substitutes required to use 2.7/8" EUE and 2.7/8" VAM tubing connection.]
- (g) **Tubing Shut-in valve** (2" x 5000 psi - suitable for 2.7/8" EUE and 2.7/8" Vam tubing – 2 Nos.
- (h) **Tubing Circulating Head** suitable for 2.7/8" EUE and 2.7/8" Vam tubing : Two each
- (i) **Choke and Kill Manifold:** One no. Choke and Kill manifold of not less than 10M working pressure fitted with NRV in kill lines.
- (j) **Chicksan Hoses:** Flexible steel piping [2" 1502 chicksans 10 lops and 2" 1502 swivels 10 loops], 2" size 1502 of 10M working pr straight pipes of minimum length 170 feet.
- (k) **Tubing Wiper:** with heavy duty frame should be provided.

7.9 FISHING TOOLS: All items, including but not limited to those mentioned below shall be provided by the Contractor:

- a) Series 150 Bowen or equivalent releasing and circulating overshot: Suitable for catching 2.7/8" tubing [EUE, VAM] to operate inside 5.1/2" & 7" Casing. Over shots should have accessories like lock ring set, oversize guide, extension sub, hook wall guide etc.
- b) Wire line grabs , both internal & external - to catch piano wire fish and sinker bars inside 5.1/2" & 7" Casing.
- c) Impression blocks to operate inside 5.1/2" & 7" Casing.
- d) Junk subs [OD: 4.1/2" & 6"] to operate inside 5.1/2" & 7" Casing.

- e) Reverse Circulating Junk Basket to work inside both 5.1/2" OD x 17-23 PPF Casing & for 7" OD x 23-29 PPF Casing.
- f) Skirted mill with Junk subs to work inside both 5.1/2" OD x 17-23 PPF Casing & for 7" OD x 23-29 PPF Casing – for dressing fish top etc.
- g) Suitable Mill [FB/ Taper] to work inside both 5.1/2" OD x 17-23 PPF Casing & for 7" OD x 23-29 PPF Casing – for milling Bridge Plug / Retainer Packer etc.
- h) Bowen or equivalent make Eutectic Electrodes, Flux etc. – for dressing of Mill.
- i) String Magnet to work inside 5.1/2" & 7" Casing.

NOTE: Fishing tool should be in workable condition at all the time of operation. Hence, adequate spares are to be kept accordingly.

7.10 BLOW OUT PREVENTER: [As per applicable API specifications]

- a) One Double RAM hydraulic BOP [**Cameron/Shaffer/Hydril make only**] 7.1/16" x 5,000 psi flanged bottom connection and 7.1/16" x 5M studded top connection, dressed with 2.7/8" & blind rams.
- b) Crossover flange double studded: 7.1/16" x 5M - 7.1/16" x10M

7.11 BOP CONTROL UNIT: [As per API Spec. 16D]:

One 20 gallon capacity BOP control unit with remote panel and accessories. Accumulator: 4 nos. of 5 gal capacity bladder type accumulators BOP control unit shall be complete with electrical and air operated pressurizing system, capable of pressurizing up to 3000 psi. BOP remote control panel with graphic visual display to be placed near to the driller console. All electrical item should be suitable for hazardous area, zone-1 gas group I & II.

NOTE: All wellhead equipment/ BOP/ BOP control unit should be pressure tested to its rated capacity and should be certified as per API recommended practice.

7.12 SAFETY DEVICES:

- (a) **Fall Protection Device:** An anti-fall coupled with safety harness/ belt shall be provided for personnel working on mast while exposed to a fall of 3 meters or greater or climbing unprotected vertical ladder with same exposure.
- (b) **Top man's Escape Line & Device:** For evacuation of Top Man from racking platform level in case of emergency. Escape device should have a seat and a spring actuated cam brake.

- (c) **Portable Gas Detectors:** A portable gas detector capable of determining monitoring level of combustible gases in air should be made available at site.

NOTE: All safety equipments are to be in prime working condition.

7.13 General Statutory requirements for SAFETY NORMS:

- a. All the moving / rotating parts like belts, couplings, drive lines etc., of the equipment should be well guarded and painted with red color.
- b. SRV of the pumps and air reservoir tanks should be tested regularly and records of such testing should be kept available all the times.
- c. Proper color codes as per safety norms should be applied on the high pressure lines, gas lines and water lines.
- d. Anchoring and grouting of the delivery & bleed lines of the pumps should be done before running the pump.

NOTE: Any other item/ assembly not incorporated above and needed for meeting the scope of work in the tender should be provided by the Contractor.

7.14 ADDITIONAL ITEMS : The following additional items are to be provided by Contractor for two rig operations :

- a) **TUBULAR/ CROSS OVER SUBS: (One lot against 2 Rigs):** SLH-90 Drill Pipe: 73.03 mm (2.7/8") OD x 15.50 Kg/m (10.4 lbs/ft) API Grade 'E', **QTY : 4,200m**
 - (i) One lot of necessary substitutes between drill pipe and drill collars, between drill collar and bit, required for drill string as well as for combination string.
 - (ii) Suitable fishing tools for each size of Tubular, Cross-over subs are to be provided by the Contractor.

Handling Tools for above

- (i) Elevators for 2.7/8" SLH-90 Drill pipe – 2 Nos.
 - (ii) Slips for 2.7/8" SLH-90 Drill pipe– 2 Nos.
- b. **Welding Machine – One set:** Powered by Diesel Engine/Electric transformer with all associated welding and cutting accessories
 - c. **20 Ton Crane – 1 No. :** Minimum 1 no. of Diesel Hydraulic, Truck mounted, Telescoping Boom mobile crane of 20 Tonne minimum capacity is to be made available at all times at well site for both the Rig operations.

- d. **Light Truck - 1 No.** : One truck with jugalis is to be provided for transportation of Bits/Mills and chemicals from Company's yard/Godown. Loading/ Unloading at well site is to be carried out by the Contractor.

GENERAL NOTE FOR ADDITIONAL ITEMS : OIL shall have the option to mobilise all or any of the goods/services covered under item No. 7.14 above along with the Rig packages or at a later date by giving 60 days written notice.

7.15 OTHER SERVICES TO BE PROVIDED FOR EACH RIG OPERATION

A. MUD ENGINEERING SERVICES

- i) OIL shall provide a mud programme based on the depth data/casing policy as indicated in this document including their recommended dosage for mud additives and optimum range of mud parameters which need to be maintained by Contractor at the well site for achieving trouble free operations.
- ii) Shift wise mud report in detail (as per standard IADC Proforma) indicating all mud properties like mud weight, viscosity, API fluid loss, 'O' gel / 15' gel, mud stock, details of chemicals / additives mixed during the shift, the operating condition of solid control equipment (if any), Mud hydraulics etc. shall be prepared and submitted to the Company representative.
- iii) The Contractor must ensure proper maintenance of mud parameters to avoid damage to producing formations. He should also ensure the availability of mud chemicals at well site by submitting his requirement to the Company's representative well ahead of time.
- iv) In case of any difference of opinion at any stage, with regard to mud policy, OIL's mud programme shall prevail and the Contractor must use OIL's mud policy at that point of time.

B. WELL COMPLETION SERVICES

i) Schedule -1: For / during well testing (Production Testing)

1. Making & breaking including stacking and running in of production tubing (both 2.7/8" OD EUE N-80 and VAM tubing) as per the standard practice.
2. Installation of Tubing Head Spool, packing of secondary seal and testing of the same as per the rating.
3. Testing of X-Mas tree and installation of the same.
4. Making necessary tubing/ casing connections to the well head set up.

5. Hooking up of the production equipment namely Tanks, Separator, Steam jacket, ground X-Mas tree etc and test the same before commissioning as per the requirement.
6. To make the gas flare line to the flare pit.
7. To measure the flow rate and to analyze the produced fluid as and when required.
8. To maintain the tubing tally including any down hole production equipment run.
9. All necessary surface connections to be made by the Contractor for enlivening of the wells using nitrogen pumping unit. Crane services to be provided by OIL in case any CTU operation is carried out. However, in case OIL advised the Contractor to mobilize the Crane, the services required during CTU operation is to be provided by Contractor.
10. Hooking up of the steam lines to production tanks and steam jacket.

ii) Schedule -2

1. All production equipment's namely X-Mas tree, Tubing head spool, Hanger flange / Tubing hanger, Separators with all accessories, Tanks, Steam jacket, Ground X-Mas tree, Tubings (both EUE N-80 and VAM), Pipes for surface fittings and flare line etc. will be provided by OIL's Production Oil Department.
2. All tools required for making up of the above equipments are to be supplied by the Contractor i.e. Elevators, slips, Tubing tong, Coupling tong, Hydraulic pumps and other necessary equipment's for hydraulic testing of the separators, X-Mas tree, Ground X-Mas tree, Steam Jacket etc to be provide by the Contractor.
3. Consumables as thread dopes to be provided by the Contractor.

C. TRANSPORTATION SERVICES

i) OIL'S RESPONSIBILITY

- 1) Transportation of Company's personnel and materials/ Equipment (those not attached with the rig) will be Company's responsibility.
- 2) Cement shall be supplied by OIL. To & fro collection, transportation, loading / unloading, stacking etc of these cement shall be carried out by OIL, as and when required.

- 3) In case of well emergency, it is the responsibility of OIL to supply/ transport Chemicals, Cement etc. to well site.
- 4) Well consumables like casing, tubing, well head etc. shall be supplied by OIL. To & fro' collection, transportation including loading/unloading, stacking etc. at well site of these consumables will be provided by OIL.
- 5) Any additional requirement of crane(s) for any specific purpose at site during well operation shall also be provided by the OIL

ii) CONTRACTOR'S RESPONSIBILITY

- 1) Transportation of Contractor's personnel & their material from camp site to drill site and between drilling sites shall be the responsibility of the Contractor. All vehicles deployed for this purpose should be in prime condition.
- 2) All requirements of crane(s), during rig up/rig down & inter-location movements are to be provided by the Contractor.
- 3) The Contractor must provide at their cost, equipment & services of the following minimum number
 - Sufficient number of load carrying vehicles and cranes so that the inter-location movement is completed without any delay.
 - During Inter-location Movement, any left out consumables including but not limited to, well head, casing, tubing or any kind of tubulars, bits, chemicals, barytes, bentonite etc. should be collected, loaded, unloaded, stored, handled, transported between locations by the Contractor or as directed by OIL.
 - Rig down / Rig up / transportation / maintenance of Company's materials / items like Well killing pump, Production installations (if any) attached to the rig shall be done by the Contractor.
 - One truck with jugalis is to be provided for transportation of Bits/Mills and chemicals required for preparation of mud and completion fluid, from Company's yard/Godown. Loading/ Unloading at well site is to be done by the Contractor.

- D. ELECTRICITY:** Generation and supply of electrical power for running the entire operation and for various uses in the camp and well site shall be done by the Contractor.

i) **RIG LIGHTING**

- 1) All lighting fixtures, plug & sockets, junction boxes etc. used in hazardous area shall be explosion proof or increased safety and must have approval from DGMS (India) for use in Zone 1/ Zone 2, gas group IIA & IIB as statutory requirement.
- 2) Lighting cable should be multi core flexible copper cables, 1000 volts grade (armoured or screened), electrometric rubber insulated, CSP/NBR sheathed.
- 3) Power supply to the lighting circuit shall be from phase-to-phase, 230volt, 50Hz (preferably).
- 4) Five nos. red flasher type aviation warning light should be mounted at the mast top. These light shall be operational at all times from the moment the mast is raised and until the mast is finally lowered irrespective of well operation. Illumination level should be maintained as follows-
 - Sub-structure (derrick-floor) – 80 lux
 - Peripheral/area – 10 lux
 - Double board – 30 lux

ii) **RIG MOTORS**: All rig motors, starters and push button stations used in hazardous area must have approval from DGMS (India) for use in Zone I, gas group IIA&IIB classification as statutory requirement. Cable used for motor operation should be multi core flexible copper cables (armoured or screened) of 1000 volts grade, EPR insulated, CSP/NBR sheathed.

iii) **EARTH LEAKAGE PROTECTION DEVICE**: All out going feeders for motor, lighting etc. shall be provided with earth leakage protection device so as to disconnect the supply instantly at the occurrence of earth fault or leakage current IE (Indian Electricity) rule 61A.

iv) **GENERAL CONDITION**

1. All electrical equipment such as motors, light fittings, push button station, plug & sockets, junction boxes, motor starters etc. used in hazardous area must be approved by DGMS Dhanbad as statutory requirement(oil mine regulation, clause no. 73 & 75).
2. The bidder should furnish the following along with the offer-
 - Single line power flow diagram
 - plan layout of electrical equipments used in rig.
 - List of all electrical equipments used in the W.O. rig .with DGMS approval no.
 - Earthing scheme.

3. Electrical job precautions should be adopted in the oil field as specified in the Indian Electricity Rules, 1956 and Oil Mine Regulation 1983.
 4. All electrical equipments such as socket board, mud tank, BOP, Blender unit and Work Over outfit should be doubly earthed.
 5. Proper insulation mat should be placed in front of switch, panel board etc.
 6. Should have FLP torch, Insulation Tester, Multimeter, Earth Tester and Electrician's Tool Kit.
 7. Job supervision has to be done by a competent person, possessing supervisor's certificate of competency (part no. VIII) issued by state licensing board of Assam.
- v) **COMMISSIONING REPORT & STATUTORY RECORDS:** One commissioning and statutory record register should be maintained by Contractor to record the following-
- Insulation resistance of all motors, generators, cables, distribution board, transformer etc. (in each rig up).
 - Earth resistance of all electrodes. (in each rig up).
 - Test record of RCCBs (monthly).
 - Maintenance of FLP equipments (yearly).
 - Electrical Log sheet (daily), Annexure – XII (Format of Annexure – XII of IER will be provided by OIL).

E. CEMENTING SERVICES

- i) OIL shall perform the cementation jobs such as Squeeze cementation, Cement plug job etc. as per the requirement of well completion policy at the wells planned for work over jobs. The Contractor shall provide the following tools, equipment and services to enable OIL to carry out the jobs successfully. Both pumps shall be used (individually or in conjunction) to pump cement slurry. Expected parameters are 2500 psi, (max).
- ii) The Contractor shall be required to assist OIL in performing all secondary cementation jobs at all the wells.
- iii) Oil may at any time decide to utilise a cementing unit for carrying out the cementation job. Further the Contractor will carry out cleaning / flushing of cementing unit and associated surface lines after completion of the cementing jobs.
- iv) **During cementation readiness:** The Contractor shall, during the cementing job, attend to all problems, render help and rectify all

defects to the satisfaction of OIL's cementing Engineer. These shall include equipment and accessories supplied by OIL also.

- v) **Post Cementation follow up action:** The Contractor shall carry out cleaning and flushing to remove all traces of cement from unwanted locations. They shall also disassemble and remove/load all OIL's equipment, which are required to be removed after the mandatory period.

F. FIRE FIGHTING AND SAFETY EQUIPMENT/SERVICES:

(As per API wherever applicable)

- i) **Safety:** Contractor shall observe such safety regulations in accordance with acceptable oilfield practice and applicable Indian Laws. Contractor shall take all measures reasonably necessary to provide safe working conditions and shall exercise due care and caution in preventing fire, explosion and blow out and maintain fire and well control equipment in sound condition at all times. Contractor shall conduct such safety drills, BOP tests, etc. as may be required by Company at prescribed intervals.
- ii) Contractor shall provide all necessary fire fighting and safety equipment as per laid down practice as specified under OISD - STD - 189 and OMR.

FIRE FIGHTING EQUIPMENTS:

Fire fighting arrangements should as per OISD-189.

40 KL capacity water storage tank.

Trailer/ skid mounted diesel engine driven fire water pump of capacity 1800 lit/min at 7kg/cm² pressure

10 kg DCP Extinguishers: 10 nos.

6.8 kg CO₂ Extinguisher: 1 no.

Sand bucket: 4 nos.

Fire bell: 1 no.

First Aid Kit: An adequate and approved first aid kit should be provided on each rig and should have all medicines as recommended by John Ambulance.

- iii) Fire protection at well sites shall be the responsibility of the Contractor. Necessary action shall be taken and prior arrangements to be made for providing competent persons trained in the field of fire fighting (certificate/diploma holders) at the rig site.
- iv) Documentation, record keeping of all safety practices should be conducted as per international/Indian applicable laws, act, regulations etc, as per standard Oilfield practice and these records should be made available for inspection at any point of time. The

H.S.E (Hygiene Safety and Environment) policy as well as emergency procedure manual should be kept at site. Compliance of these shall be the sole responsibility of the Contractor.

- v) **One ambulance with dedicated driver shall be kept standby at well site for 24 hrs. to meet any emergency** with all basic facilities like stretchers, oxygen cylinders, first aid facilities, etc.

G. CIVIL WORK INVOLVEMENT

i) OIL'S RESPONSIBILITY

1. Company shall provide foundation for the standard rig equipment including hard standing and cement concreting areas, effluent pit provision etc.
2. Digging of pilot pit & strengthening of effluent pit
3. Maintenance of approach road during operation.
4. Supply of only cement & other civil materials(for grouting jobs).
5. Maintenance of plinth including preparation of proper drainage system as per OIL's standard to evacuate rain water and mud sludge etc. to effluent pit. Regular jobs at plinth i.e. cutting of small drains/nallah leading to pit, leveling of plinth with Company's civil materials, shall be done by Company.
6. To provide toilets, both for Contractor's personnel and Company's personnel including supply of all the required materials and subsequent dismantling after completion of the well.
7. Sand bagging of adjacent wells. Company shall provide the appropriate barrier of sand bags to the adjacent live wells, located in the same plinth.
8. Enclosure to stop spillage of LWC, HSD etc. in the respective tanks.

ii) CONTRACTOR'S RESPONSIBILITY

- 1) To provide tube wells both for drinking as well as source water. The digging of deep tube wells at the respective sites and installation / operation of water pumps, extraction of water from deep tube wells for rigs as well as camp shall be the Contractor's responsibility. However, for the sake of the Contractor's knowledge, the depth of deep tube well in the region will be approximately 15-50 m (with double filter installed). Supply of water from alternate sources shall be the responsibility of the Contractor, if no water is found at the exact camp or well site.

- 2) Construction of all types of sheds required during operation i.e. Telephone shed, sheds over mud tank and chemical storage etc, including supply of all the required materials and subsequent dismantling after completion of the well.
- 3) All grouting required for anchoring guy post & delivery lines.
- 4) The External guy posts should be anchored with RCC, as per OIL design.
- 5) Panel fencing in well site as per OIL's standard drawing No. OIL/0825/E.

NOTE TO BIDDERS :

- i) Bidders to provide Rig Lay out Drawing for the Rig Package along with the bid indicating Safety circle distance.
- ii) Any additional civil work involvement besides the standard indicated plinth area / civil work should be highlighted by the bidder in the technical bid.

- H. SECURITY SERVICES:** Contractor shall be wholly responsible for complete Security of their personnel, their Rig packages, Base Camp and during ILM, operation, transit etc. and arrange suitable & comprehensive Security services accordingly on round the clock basis for their personnel and equipment/ material through out the tenure of the contract. All security related issues shall be dealt by the Contractor on their own including dealing with Government agencies. The Contractor shall provide pre-fabricated XPM/panel re-usable type fencing, gate in the drill site, camp site etc. Company in no case will be involved in security related issues, relating to Contractor's personnel and equipment/ material. Contractor shall also be responsible for the safety and security of Company's personnel, equipment/ material etc. in the well site and camp site.
- I. MEDICAL SERVICES:** Suitable first aid medical services shall be provided by the Contractor round the clock with an attending registered Doctor (minimum MBBS degree holder) on call 24 hrs a day. The doctor shall be available at all times during the entire Contractual period with sufficient quantity of first aid equipment and medicines to meet any emergency.
- J. CAMP AND OTHER ESTABLISHMENT:** Suitable camp facilities for Contractor's personnel including catering services shall be provided by the Contractor.
- K. COMMUNICATION SYSTEM:** Suitable communication system like WLL/ Cell phone is to be provided by the Contractor. However, OIL

will have option to provide the OIL telephone in some locations, if found suitable.

L. PERSONNEL TO BE DEPLOYED

- i) The Contractor will have to deploy adequate manpower to carry out the required operations. The deployment pattern will be as per the Contractor's discretion for all the required services except for the rig operations during Work over & completion phases for which the deployment pattern has to be as per the following norm, for per rig operation, with the indicated key personnel :

Sl. No.	Key Personnel	Number per location per shift	Working Hours
1.	Rig manager/Rig Superintendent	1	On call 24 Hrs
2.	Tool Pusher	1	12 Hrs
3.	Tour Pusher/Night Tool Pusher	1	12 Hrs
4.	Driller	1	12 Hrs.
5.	Asstt. Driller	1	12 Hrs
6.	Top man	2	12 Hrs
7.	Floormen/ Roustabout	4	12 Hrs
8.	Master Mechanic	1	12 Hrs
9.	Rig Electrician	1	12 Hrs
10.	Mud Attendant/Well site Chemist	1	12 Hrs
11.	Welder	1	12 Hrs(During General shift and as and when required)
12.	Heavy Crane Pipe Layer Operator	1	12 Hrs(During General shift and as and when required)
13.	Telephone Attendant	1	12 Hrs

NOTE: One Rig Manager/Rig Superintendent for two rig operations.

- ii) The Rig Manager / Rig Superintendent has to be present at site all the times and should report to Drilling Deptt's office as and when asked for to receive instruction/resolving any issue on contractual obligation.
- iii) **KEY PERSONNEL:** The qualification and experience of the key personnel are to be as under:

- 1) **RIG MANAGER:** Should be engineering degree/diploma holder of sound health and have work experience in work over/ Drilling operations in deep oil / gas wells and should be conversant with

well control methods to take independent decisions in case of well emergencies.

2) TOOL PUSHER/ TOUR PUSHER:

- Should be of sound health and have work experience in Drilling work over operations as listed in this tender in deep oil/gas wells. Should be capable of writing and speaking English.
- Must possess valid well control certificate (IWCF) / IADC well cap; and should be conversant with well control methods to take independent decisions in case of well emergencies.
- Should be conversant about mud chemicals & maintenance of mud property.

3) DRILLER:

- Preferably should be of sound health and have sufficient work experience as driller in drilling or work over oil/gas wells. Should be capable of writing and speaking English.
- Must possess valid well control certificate (IWCF) / IADC well cap; and should be conversant with well control methods to take independent decisions in case of well emergencies.
- Should be conversant about mud chemicals & maintenance of mud property.

4) ASSISTANT DRILLER/TOP MAN/FLOOR MAN/ROUSTABOUT: Should have sufficient experience in respective position.

5) MASTER MECHANIC: Must have sufficient qualification with minimum 1 yrs. Experience as mechanic in Drilling/ Workover rig. He should be able to detect the break down of outfit engines, pump and other engines at well site and rectify the problems.

6) RIG ELECTRICIAN: Must be a diploma/ITI or equivalent qualification from recognized institute in electrical discipline having experience in the operation and maintenance of work over rigs independently. He should be able to attend electrical report, communicate and rectify faults in lighting circuits. He must possess valid work man permit of competency issued by state licensing board of Assam.

NOTE: Prior approval from CE (Electrical) should be obtained for employment of electrician. Complete bio-data should be forwarded to CE(Electrical) for scrutiny and approval.

7) MUD ATTENDANT: The minimum qualification and experience of electrical personnel should be as under:

- HSLC/HS/PU/I. Sc. Or equivalent.

- Should have knowledge in Drilling /Workover wells, experience of at least 4 years in handling mud system. Out of which atleast one year as Mud attendant
- 8) **WELDER:** Should be provided along with the welding machine. The welder should have adequate experience in working in drilling/ work-over wells and must be conversant of welding of casing and well head accessories. He must possess the certificate of welding trade from any recognized institute of State Govt. (One year course).
 - 9) **HEAVY CRANE / PIPE LAYER OPERATOR:** Should be provided along with the Crane. The crane operator should have a minimum of 2 years work experience in operating a heavy crane/pipe layer attached to drilling/ workover rigs and possess license for driving heavy motor vehicle.
 - 10) On top of the experience of the personnel as listed above, they all should be conversant with BOP drill as per standard oilfield practice.

NOTES:

- 1) An undertaking from all the personnel as per Annexure-V should be forwarded after deployment of manpower prior to mobilization.
- 2) The personnel deployed by the Contractor should comply with all the safety norms applicable during operation.
- 3) **Medical Fitness :**
 - ❖ The Contractor shall ensure that all of the Contractor Personnel shall have had a full medical examination prior to commencement of the Drilling operation.
 - ❖ A qualified and registered doctor shall conduct all such medical examinations in accordance with accepted medical standards.
- 4) **Training Courses :**
 - ❖ The Contractor shall ensure that all of the Contractor Personnel performing services hereunder shall have attended all safety and operational training courses such as mines vocational training etc. required by applicable law and as is generally consistent with international petroleum industry practice and/or as otherwise required by the Company.
 - ❖ The Contractor shall, if requested, forthwith produce valid and current certificates of completion or attendance for the Company's inspection.
- 5) Personnel should be well versed in fire fighting, BOP control, gas testing etc. The appropriate certificates to this effect, issued by

ONGCL/OIL or any other organization, also should be submitted prior to mobilization.

(In case, the above training course for Contractor's personnel is to be arranged by OIL, the Contractor will be charged accordingly).

- 6) Rig Manager will operate in well site only. He shall operate from places other than well site on specific permission of OIL.
- 7) Contractor should deploy other personnel at rig site, which shall include drivers, Rig fitters, carpenters warehouse personnel, security men, (both at well site and camp site), power tong operator, services of unskilled labour as and when required for following multiple jobs.
 - ❖ Chemical Helper
 - ❖ Engineering helper (Additional)
 - ❖ Electrical helper
 - ❖ Persons on rack during casing job.

All the skilled / semi skilled workman involved in carrying out electrical jobs should have valid electrical wireman permit issued by state licensing board.

- 8) On/off duty details of rig and associated service personnel should be indicated.
- 9) Employment of personnel other than key persons shall be at the discretion of the Contractor to run all operations at well site and camp successfully.
- 10) The Contractor shall forward the list of personnel deployed in each Rig along with bio-data / qualification/ experience / track record of the personnel prior to mobilization of the Rigs with all supporting documents including their recent photographs. Any additional manpower deployed by the Contractor shall be at the expense of the Contractor.
- 11) The age of the key personnel except Rig Manager/Rig superintend should not be more than 50(fifty) years (supporting document to this effect should be submitted). However, OIL deserves the right to accept the personnel of above 50 years with good health conditions.
- 12) The Contractor shall be responsible for arranging relief of personnel during vacation, statutory off days, sickness etc. entirely at their cost. However, the relief personnel also must have the qualification and experience as indicated above. Contractor shall submit the bio-data / qualification/ experience / track record of the relief personnel along with recent photographs for OIL's scrutiny. Contractor will have to

obtain prior approval from Company for the relief personnel of the Contractor.

- 13) 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 will also be fully at cost of the Contractor and the Contractor shall have to replace this/these personnel within Ten (10) days of such instruction. The replacement personnel must have the requisite qualification and experience as indicated in the contract and their credentials along with recent photographs must be submitted to Company for approval prior to their engagement.
- 14) All charges for personnel are included in Day rates. No separate charges shall be payable for the personnel deployed.

END OF SECTION - II

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SECTION - III

SPECIAL 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 over Unit' means workover rig complete with pumps, power packs, and other accessories and equipment as listed in the Contract.
 - 1.2 "Associated services" means equipment and services, asked for, along with work over unit in this bid document. These include but not limited to mud engineering, equipment & services; camp/catering/ medical services, communication, safety & fire fighting services well control services etc.
 - 1.3 "Operating Area" means those areas in onshore India in which Company or its affiliated Company may from time to time be entitled to conduct drilling operations.
 - 1.4 "Operation Base" means the place or places, onshore, designated as such by Company from time to time.
 - 1.5 "Site" means the land and other places, on/under/in or through which the works are to be executed by the Contractor and any other land and places provided by the Company for working space or any other purpose as designated hereinafter as forming part of the Site.
 - 1.6 "Company's items" means the equipment, materials and services, which are to be provided by Company at the expense of Company.
 - 1.7 "Contractor's items" means the equipment; materials and services, which are to be provided by Contractor or Company at the expense of the Contractor which, are listed in section under terms of reference and technical specifications.
 - 1.8 "Commencement Date" means the date on which the Contractor commenced the work over operation at the first well under this contract.
 - 1.9 "Contractor's personnel" means the personnel as mentioned under section terms of reference and technical specification, to be provided by Contractor from time to time to conduct operations hereunder.
 - 1.10 "Contractor's representatives" means such persons duly appointed by the Contractor thereof at site to act on Contractor's behalf and notified in writing to the Company.
 - 1.11 "Day" means a calendar day of twenty-four (24) consecutive hours beginning at 06:00 hrs. and ending at 06:00 hrs.

- 1.12 "Approval" as it relates to Company, means written approval.
- 1.13 "Facility" means and includes all property of Company owned or hired, to be made available for services under this Contract and as described in this agreement which is or will be a part of the Company.
- 1.14 "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 necessary reports as required by the Company.
- 1.15 "Base camp" means the camp where the Contractor's personnel shall reside for carrying out the operations along with specified Company's personnel as per the contract.
- 1.16 "Inter-location movement" means transferring of complete rig materials from present location after rig release till the completion of rig up at the next location and the well is ready for killing after preparation of killing fluid.
- 1.17 "Work over Operation" means all operations required to be carried out pursuant to this contract.

2.0 MOBILIZATION

- 2.1 The mobilization of the Work over Unit and associated services shall commence on the date of receipt of the 'Letter of Award' awarding the Contract and continue until the complete Work over unit is properly positioned at the first location, rig-up of rig is completed and the well is ready for killing operation.
- 2.2 The Contractor will advise readiness for commencement of mobilisation / shipment to Company after the Effective Date, at least 3 days before actual mobilisation / shipment commences.
- 2.3 Mobilisation charges will be payable after the commencement date as certified by the Company.
- 2.4 Company at its discretion may allow commencing the operation without complete mobilization, however necessary deduction for short supplied items will be made as per cost evaluated by OIL.
- (i) For any items supplied by the Company, rental will be calculated after amortizing the cost of the item over a period of 5 years applying 15% PTRR (Post tax rate of return). Similar deductions will also be made for short supplied items (neither supplied by Company nor by the Contractor).
- (ii) Deduction will be calculated based on Company's determined cost, which shall be treated as final, basis of which shall provided to the Contractor.

(iii) Notwithstanding this provision for partial mobilization bidder must quote in accordance with relevant clauses for full mobilization.

2.4.1 Company shall provide items/equipment to Contractor in exceptional cases only and not as a routine matter. In the event Company decides to provide any items/equipment to Contractor on rental basis for commencement of operation or during operation, the following shall be applicable :

- i) Contractor shall deposit the assessed value of the items/equipment either in cash or in the form of a Bank Guarantee to Company in advance before taking delivery of the items/equipment from Company. However, in case of an emergent situation, OIL may consider to accept the assessed value in Bank Guarantee or in cash within 7(seven) days of issue of the items/equipment.
- ii) Items/equipments will be rented out to Contractor for a maximum period of 3(three) months and the same returned by Contractor to Company within a specific date to be specified by Contractor.
- iii) Rental charges for first three months would be evaluated as per Para 2.4 above and taking cognizance of the present market trend.
- iv) In the event the rented items/equipment are not returned by Contractors within the specified period of three months, the rental charges would increase by 1.5 times. For next three months, rental charges would be 1.5 times the rental charges of the first three months. Rental charges in any quarter would be 1.5 times the rental charges of the previous quarter.
- v) Deduction for short-supplied items/equipment shall also be made as per Para (iii) and (iv) above.

2.4.2 In case any items/equipment are issued to Contractor on “outright sale” basis, the deduction shall be made as calculated by Company based on Company’s determined cost, which shall be treated as final, basis of which shall provided to the Contractor.

2.5 COMPLETION OF DEMOBILISATION: Demobilization shall be completed by Contractor within 60 days of expiry / termination of the contract. After the completion of work, all equipment, accessories etc. brought into India on re-export basis shall be re-exported by Contractor except consumables and spares. In case of failure to do so in the allotted time hereof 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. In the event all / part of the equipment etc. are transferred by Contractor within the country to an area where no nil customs duty is 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.

3.0 CONTRACTOR'S PERSONNEL

- 3.1 Except as otherwise hereinafter provided, the selection, replacement, and Contractor shall determine remuneration of Contractor's personnel. Such employees shall be employees solely of Contractor. Contractor shall ensure that its personnel will be competent and efficient. However, the Contractor shall provide details of experience, qualification and other relevant data of the personnel to be deployed for scrutiny and clearance by the Company before the actual deployment. The Contractor shall not deploy its personnel unless cleared by the Company.
- 3.2 The Contractor shall nominate one of its personnel as Contractor's representative who shall be in charge of Contractor's personnel and who shall have full authority to resolve all day to day matters, which arise at the site.
- 3.3 The Contractor shall have a base office at Base camp and at Duliajan to be manned by competent personnel, who shall act for the Contractor in all matters relating to Contractor's obligations under the contract.
- 3.4 **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.
- 3.5 Replacement of Contractor's Personnel: Contractor will immediately remove and replace any Contractor's 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.
- 3.6 Contractor shall deploy on regular basis, all category of their employee required for economic and efficient work over and other related operations.

4.0 FOOD, ACCOMMODATION, TRANSPORTATION AND MEDICAL FACILITY AT WILL SITE

- 4.1 Contractor shall provide standard food & services for all its own & its sub-Contractor's personnel.
- 4.2 Transportation of Contractor's personnel will be arranged by Contractor whilst that of Company's staying at base camp will be arranged by Company.
- 4.3 Medical Facilities: The Contractor shall arrange for medical facilities and doctor 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.
- 5.4 Contractor will provide full water requirement at rig site and campsite. The camp site should have proper water filtration plant for drinking water.
- 5.5 Contractor will provide all fuel & lubricants for operation of Contractor's equipment both at well-site and campsite at Contractor's cost. There shall be **no escalation** in the day rates throughout the duration of the contract including extension, if any, on account of **any price increase in fuel / lubricants**.
- 5.6 Contractor will provide electricity at both well-site and campsite for meeting both Contractors' as well as Company's requirement.
- 5.7 Zero day rate will be applicable for shutdown of rig operations on account of inadequate supply of Contractor's items, including but not limited to, electricity, lubricants, water, personnel.

6.0 CONDUCTING WORK OVER OPERATIONS

- 6.1 The Contractor shall carry out all operations mentioned hereunder with due diligence in a safe and workmanlike manner and in accordance with accepted international oilfield practices.
- 6.2 Wells shall be completed as specified in the work over programme within the depth range of the rig.
- 6.3 The workover Unit and all other equipment and materials to be provided by Contractor shall be in first class working condition.
- 6.4 The workover/ Well testing programme provided by Company shall primarily include planning of the following :
- a) Well testing programme.
 - b) Well history with perforation details, BHP etc.
 - c) Details of casing string.
 - d) Mud hydraulic programme.
 - e) Cement repair programme (if any).
 - f) Wire line logging programme.
 - g) Drill out plug and packers (if any).
 - h) Casing repair job.
 - i) Gas and water injection programme.
 - j) Wire line operation including perforation.

- 6.5 Completion of work over shall occur when the well has been killed with Brine/ Mud, carried out all the operations as per well completion policy and initial production testing carried out unless otherwise advised by Company.
- 6.6 Upon completion of a work over well, statement stating that the well has been completed in accordance with the terms of this Contract and signed by the representatives of both Contractor and Company, will be made available to Company.
- 6.7 **Operation of Work over Unit:** Contractor shall be solely responsible for the operation of the Work over Unit including but not limited to supervising rig move operations and positioning and rigging up at designated location as required by Company as well as such operations as may be necessary or desirable for the safety of the Work over Unit.
- 6.8 **Safety:** Contractor shall observe such safety regulations in accordance with acceptable oilfield practice and applicable Indian Laws such as Mines safety rules etc. Contractor shall take all measures reasonably necessary to provide safe working conditions and shall exercise due care & caution in preventing fire, explosion and blow out, and maintain fire-fighting and well control equipment in sound condition at all times. Contractor shall conduct such safety drills, BOP tests etc. as may be required by Company at prescribed intervals.
- 6.9 Contractor shall assist in performing any tests to determine the productivity of any Formation encountered as may be directed by Company. Such tests and services may include, but not limited to electric logging, drill stem tests, perforation of casing, acidizing, swabbing, fracturing and acid fracturing.
- 6.10 **Depth Measurement:** Contractor shall at all times be responsible for keeping accurate record of the depth while lowering any string in the hole and record such depth on tally books. OIL shall have the right at any time to check measurements of the string in any manner.
- 6.11 The Contractor will maintain the well fluids in a manner satisfactory to the Company. The parameter of the well fluid shall be maintained by the Contractor in accordance with specifications and/or formulations set forth by the Company.
- 6.12 In the event of any fire or blowout, Contractor shall use all reasonable means at his disposal to protect the hole and bring the said fire or blowout under Control.
- 6.13 **Adverse Weather:** Contractor, in consultation with Company, shall decide when, in the face of impending adverse weather conditions, to institute precautionary measures in order to safeguard the well, the well equipment, the Work over Unit and personnel to the fullest possible extent. Contractor and Company shall each ensure that their representatives for the time being at well site, will not act unreasonably in the exercise of this clause.

6.14 **AMENDMENTS OF COMPLETION PROGRAMME:** It is agreed that Contractor shall carry out work over operations, testing, completions, abandonment, if any, and all other operations, in accordance with the well completion programme to be furnished by OIL, which may be amended from time to time by reasonable modification as OIL deems fit, in accordance with good oil field practices.

6.15 **WELL POLICY:** The well completion programme may vary depending on the actual requirement at and during the time of commencement of the operation. The Contractor shall be bound to obey those changes made by OIL from time to time.

7.0 CONTRACTOR'S SPECIAL OBLIGATIONS

7.1 It is expressly understood that Contractor is an independent Contractor and that neither it nor its employees and its sub-contractors are employees or agents of Company provided, however, Company is authorised to designate its representative, who shall at all times have access to the Work-over Unit, related equipment and materials and all records, for the purposes of observing, inspecting and designating the work to be performed hereunder by Contractor. The Contractor may treat Company's representative at well site as being in charge of all Company's and Company designated personnel at well site. The Company's representative may, amongst other duties, observe, test, check and control implementation of work over, testing programmes, equipment and stock, inspect works performed by Contractor or examine records kept at well site by Contractor.

7.2 **COMPLIANCE WITH COMPANY'S INSTRUCTIONS:** Contractor shall comply with all instructions of Company consistent with the provision of this Contract, including but not limited to completion programme, well control, safety instructions, confidential nature of information, etc. Such instructions shall, if Contractor request, be confirmed in writing by Company's representative.

7.3 **WELL RECORDS:** Contractor shall keep an authentic log and history of each well on the daily work over report prescribed by the Company and upon completion or abandonment of the well, deliver to Company, the original history and log book (if any), properly signed and all other data and records of every nature, relating to the completion of the well :

a) Contractor shall also provide the following report every day at 7 am positively at the office of the Head Drilling (Work over & Services) –

- i) Daily work over report on IADC proforma duly certified by Company's representative along with daily record-o-graph or drillometer chart.
- ii) Daily mud report on IADC proform including mud stock, daily consumption and stock position of chemicals and daily mud hydraulics.
- iii) Daily report on P.O.L. consumption.

- iv) Daily roster of Contractor's personnel.
 - b) Contractor shall also provide the following list /reports to Company –
 - v) Contractor shall maintain inventory of rig equipment & accessories at site indicating their respective models, serial Nos., vintage, specifications etc. The Contractor shall provide inventory list endorsed by Company representative and any addition & deletion of items will be intimated by Contractor to Company representative.
 - vi) All items including consumables imported under 'Nil' customs duty utilizing the Essentiality Certificates(EC) shall be recorded in the proper format indicating date of receipt, type, consumption, date of replacement etc.
 - vii) Contractor shall provide the list of the items, equipment, consumables etc. to be re-exported by them after completion of services under this Contract along with all relevant documents.
 - c) **WELL COMPLETION/WELL ABANDONMENT**: After completion of a well successfully, Contractor will provide the completion report of the well with all information and events including above-mentioned information. In case of abandonment of a well, abandonment report, in addition to above, will be provided by the Contractor in Company's prescribed format or as per requirement.
- 7.4 **CONFIDENTIALITY OF INFORMATION**: All information obtained by Contractor in the conduct of operations hereunder, including but not limited to, depth, formations penetrated, testing, surveying etc. shall be considered confidential and shall not be divulged by Contractor or its employees to any one other than Company's representative. This obligation of Contractor shall be in force even after the termination of the Contract.
- 7.5 Contractor shall carryout normal maintenance of Company's items at well site excepting for those items which Contractor is not qualified to, or cannot maintain or repair, with its normal complement of personnel and equipment.
- 7.6 Contractor should provide the list of items to be imported in the format specified in Proforma-A for issuance of recommendatory letter to Directorate General of Hydrocarbons (DGH), New Delhi for clearance of goods from Indian customs at concessional (nil) rate of customs duty.
- 7.7 Contractor shall arrange for inland transportation of all equipment, etc. from the port to the place of work and back at the end of the work at their own expense. Arrangement of Road Permits and payment of Assam Entry Tax for bringing Contractor's equipment/material to Work place shall be Contractor's responsibility.

7.8 In case the Contractor imports the equipment etc. on re-export basis, the Contractor shall ensure re-export of the equipment and all consumables and spares (except those consumed during the contract period) and complete all documentation required. Company will issue necessary certificates etc. as required. The Contractor should arrange re-export of equipment within 60 days of notice of demobilisation issued by the Company. If the re-export is not completed within the specified period, customs duty, penalty etc. levied by customs authorities for such delay shall be to Contractor's account and same will be deducted by the Company from Contractor's bills and security deposit.

8.0 COMPANY'S SPECIAL OBLIGATIONS

8.1 Company shall at its cost, provide items and services as shown in this document.

8.2 Company shall be responsible at its cost, for maintaining adequate stock levels of its items and replenishing the same as deemed necessary, unless specified to the contrary elsewhere in the contract.

8.3 **Ingress and Egress at location:** Company shall provide Contractor requisite certificates for obtaining rights of ingress to egress from the locations, where operations are to be carried out, including any certificate required for permits or licenses for the movement of Contractor's personnel. Should such permits/ licenses be delayed because of objections of appropriate authorities in respect of specific Contractor's persons such persons should be promptly removed from the list by the Contractor and replaced by acceptable persons. For any stoppage of operations for such delays, no day rate will be applicable.

9.0 PAYMENTS:

9.1 **Invoices:** Mobilization charges will be invoiced only upon completion of mobilization (after commencing of operation at the first well), submission / production of appropriate inventory documents, and physical verification by Company representative.

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

9.3 Billings for daily charges will reflect details of time spent (calculated to the nearest quarter hours) and the rates charged for that time. This should be in the form of monthly time analysis chart(s). Monthly invoices will be raised only after commencement of operation at the first well.

9.4 Invoice for reimbursable charges related to the contract will be accompanied by documents supporting the cost incurred.

9.5 Payment of monthly invoices, if undisputed, shall be made within 30 days following the date of receipt of invoice by Company excepting for the first two (2) monthly invoices where some delay (up to one month) may occur.

- 9.6 Payments of other invoices as set forth in Clause 9.4 shall be made within 60 days following the date of receipt of the invoices by Company.
- 9.7 Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by Company. Mobilization should be complete in all respect before raising invoice.
- 9.8 Payment of demobilization charges shall be made when applicable within 45 days following receipt of invoice by Company accompanied by the following documents from the Contractor :
- a) Audited account up to completion of the Contract.
 - b) Tax audit report for the above period as required under the Indian Tax Laws.
 - c) Documentary evidence regarding the submission of returns and payment to taxes for the expatriate personnel engaged by the Contractor or by its sub-Contractor.
 - d) Proof of re-export of all items (excepting consumables consumed during the contract period) and also cancellation of re-export bond if any.
 - e) Any other documents as required by applicable Indian Laws.

In case, no demobilization charges are payable, the documents mentioned above will have to be submitted by the Contractor before release of the final payment by the Company.

10.0 LOSS OR DAMAGE TO HOLE:

- 10.1 OIL shall be liable for the cost of regaining control of any wild well, blowout, as well as the cost of removal of debris, and indemnify Contractor.
- 10.2 In the event, the well is damaged by dropping of any tool/ tubing/fish or any reason of willful acts or Contractor's gross negligence or other legal fault, Contractor's liability shall be to carry out the operations as required for completion of the well to the reasonable satisfaction of Company at Contractor's cost. The fishing rate will be payable, in the event of Contractor dropping any tool/tubing/fish during the operation. However, the damaged to well is caused due to any reason of willful acts or Contractor's gross negligence or other legal fault, no rate will be payable during the period.

10.3 DAMAGE OR LOSS OF THE WORK OVER UNIT:

- a) The Contractor shall at all times be solely responsible for any damage to or loss or destruction of the Work over Unit and its other property irrespective of how such loss, damage or destruction is caused, and even if caused by the negligence of the Company and/or his servants, agents, nominees, assignees, Contractors and subContractor, and Contractor shall hold harmless and indemnify the Company from and against any expenses, loss or claim related to or resulting from such loss, damages or destruction.

- b) If the Work over Unit is declared to be a total loss and/or construed to be total loss, as determined by the applicable insurance coverage, this contract shall terminate in respect of the Work over unit(s) as of the occurrence of the event causing such loss and each party shall thereupon be released of all further obligations hereunder in respect of that Work over unit(s), except for its payment of monies then due or liabilities to be charged in respect of work already done under this contract in respect of that Work over unit(s).

10.4 LOSS OR DAMAGE OF CONTRACTOR'S WORK OVER UNIT OR SUBSURFACE EQUIPMENT

- a) Except as otherwise specifically provided in the contract, any damage to or loss, of the Drilling/Work over Unit and/or subsurface tools/equipment regardless of the cause or reason for said loss, shall be the loss of the Contractor, its underwriters or insurers. Contractor indemnifies OIL, its Co-licensees and its and their affiliates Companies, Agents, employees, invitees, servants, their underwriters or insurers (other than Contractor's) and their employees, agent any claim whatsoever or responsibility for any damage to or loss of the Drilling/ Work over Unit or any other equipment or property of Contractor or Contractor's sub-Contractors furnished or intended for use in the operations herein undertaken.
- b) If the Drilling/Work over Unit or any part thereof or subsurface tools/equipment is lost or damaged beyond repair or becomes an actual or constructive compromised, arranged loss or is otherwise abandoned, the Contractor shall, if required by OIL or by the laws, regulation or order of Governmental Authorities or Agency remove the Drilling/Work over Unit from operating areas to the satisfaction of the OIL. If the Contractor unreasonably delays in removing the Drilling/ Work over Unit or any part thereof, the OIL may remove it and the Contractor shall indemnify and reimburse OIL for all cost and expenses incurred by OIL in connection therewith. Any expense incurred by OIL in connection with or for locating the area/price of such loss/damage and/or ascertain whether such loss/damage has resulted in any pollution or not, shall also be reimbursed by the Contractor to OIL.

10.5 **OIL'S EQUIPMENT:** Contractor shall assume the risk of and shall be solely responsible for, damage to and loss or destruction of materials and equipment or supplies furnished by OIL. In case there is a loss or damage to OIL's equipment for causes attributable to Contractor, the Contractor shall compensate OIL.

10.6 **BLOWOUT OR CRATER:** In the event any well, while carrying out work over operation hereunder, shall blowout or crater due to negligence of Contractor, Contractor will bear the entire cost and expenses of killing the well or otherwise bringing the well under control and shall indemnify and hold Company harmless in this regard. This provision is not to be interpreted as Company assuming any liability for loss of property,

damages, loss of life or injuries caused by such a blowout, except as otherwise provided under the terms and conditions of the contract.

- 10.7 **USE OF CONTRACTOR'S EQUIPMENT:** Company shall have the right to use the drilling / Work over unit and all the Contractor's equipment provided under the contract during such times as Company or both Company and the Contractor are engaged in bringing the well under control.
- 10.8 **POLLUTION AND CONTAMINATION:** Notwithstanding anything to the contrary contained herein, it is agreed that the responsibility and liability for pollution or contamination shall be as follows :
- a) Contractor shall assume all responsibility and liability for cleaning up and removal of pollution or contamination which originates above the surface from spills of fuels, lubricants, motor oils, pipe dope, paints, solvents and garbage wholly in Contractor's possession and control and/or directly associated with Contractor's equipment and facilities, caused, and that originating from normal water base mud and other killing fluid.
 - c) Contractor shall assume all responsibility and liability for all other pollution or contamination, howsoever caused including control and removal of same, which may occur during the term of or arising out of this contract and shall indemnify Company from and against all claims, demands and causes of action of every kind and character arising from said pollution or contamination, including but not limited to that which may result from fire, blowout, cratering seepage or any other uncontrolled flow of oil, gas, water or other substance, as well as the use or disposal of oil base mud.
 - d) In the event a third party commits an act of omission which results in pollution or contamination for which either the Contractor or Company, by whom such party is performing work is held to be legally liable, the responsibility shall be considered as between Contractor and Company, regardless of the party for whom the job was performed and liability as set forth in (a) and (b) above would be specifically applied.
 - e) In the event effluent / waste pit provided by the Company, getting filled up in the normal course which can be prevented by Contractor, the same shall be emptied completely or partially by the Contractor using disposal pumps, to avoid overflow in the neighboring areas or alternatively the Company will provide additional pits at its cost. In case pits so constructed have seepage from the walls of the pit or bund of the pit, Company will take remedial action to prevent the same at its cost. However, Company will provide effluent disposal pipe line to alternate pit away from well site. Contractor shall connect their pump to Company's effluent disposal pipe line at well site.
 - f) Contractor shall be responsible for any sound/noise pollution arising out of the Rig package or other items used by Contractor at well site. Contractor shall sort out the noise/sound pollution with the third

party either by minimizing the sound/noise pollution with technological means or by compensating the affected people practicing the system and procedure followed by OIL. Contractor must ensure that there is no disruption of operation due to sound/noise pollutions.

11.0 CUSTOMS DUTY

- 11.1 The Services under the Contract shall be carried out in PEL/ML areas renewed / issued to Company after 1.4.1999 and, therefore, imports under this Contract are presently exempted from customs duty. Company shall provide recommendatory letter to Directorate General of Hydrocarbons, New Delhi (DGH) for issuance of Essentiality Certificate (EC) to enable Contractor to import goods for providing services under this Contract at concessional (Nil) customs duty. Contractor should provide the list of items to be imported under this Contract in the format specified in Proforma-A for issuance of recommendatory letter to DGH. On shipment of goods as per Proforma A, Contractor shall intimate Company along with all shipping documents (with clear 15 working days notice) for arranging EC provided all the documents submitted by the Contractor are in order. Any consequences due to delay in providing EC will be to Company's account.
- 11.2 However, in the event customs duty is leviable during the course of contract arising out of a change in the policy of the Government, Company shall be liable for payment of the customs duties leviable in India on Contractor's items as provided in Proforma -A or the actuals whichever is less, 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 Calcutta within 3 working days after Contractor submits the undisputed and clear necessary documents / duty assessment papers at Company's office at Calcutta. 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 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.
- 11.3 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.

12.0 CONFIDENTIALLY: Contractor agrees to be bound by professional secrecy and undertake to keep confidential any information obtained during the conduct of well operations, including, but not limited to, formations encountered, testing and surveying of the well. And to take all-reasonable steps to ensure the Contractor's personnel likewise keep such information confidential.

12.1 This obligation shall keep in force even after the termination date and until such information will be disclosed by Company.

12.2 Contractor shall handover to Company all Company's documents or drafts concerning operations carried out and which are still in its possession before transferring the Work over Unit to another sphere.

12.3 Contractor shall forbid access to the Drilling/ Work over Unit to any people not involved in the well operations or not authorised by the Company to have access to the Drilling / Work over Unit, however, this provision is not applicable to any Government and/or police representative on duty.

13.0 RIGHTS AND PRIVILEGES OF COMPANY: Company shall be entitled -

13.1 To check the Drilling/ Work over Unit and Contractor's items before the commencement Date. If they are not found in good order or do not meet specifications as per Section -II or in case of non-availability of some of the Contractor's items listed therein, the Contractor may not be allowed for commencement until the Contractor has remedied such default.

13.2 To change the completion programme, mud programme to complete or abandon any well at any time.

13.3 To approve the choice of sub-Contractors for any essential third party contract, concerning materials, equipment, personnel and services to be rendered by Contractor. Sub-contract may be entered into by Contractor only after Company's approval.

13.4 To check, at all times, Contractor's stock level, to inspect Contractor's equipment and request for renovation or replacement thereof, if found in unsatisfactory condition or not conforming to regulations or specifications.

13.5 To order suspension of operations while and whenever:

- a) Contractor's personnel is deemed by Company to be not satisfactory, or
- b) Contractor's equipment does not conform to regulations or to the specifications laid down in the Contract.
- c) Contractor's equipment turns into a danger to personnel on or around the rig or to the well, or
- d) Contractor's insurance in connection with the operations hereunder is found by Company not to conform with the requirements set forth in the contract.
- e) Contractor fails to meet any of the provisions in the contract.

f) Any shortage in key/additional (compulsory) personnel and inadequacy of other personnel.

13.6 To reduce the rates reasonably, at which payments shall be made if the Contractor is allowed to continue the operation despite having certain deficiency in meeting the requirements as per provision in the contract.

14.0 EMERGENCY

14.1 Without prejudice to clause 10.5 hereof Company shall be entitled in emergency (the existence of which shall be determined by Company) at its own discretion, to take over the operations of the rig, direct Contractor's personnel in the event that Company's interest will demand so. In such case, Company will notify Contractor of its action and within three (3) days confirm such notice in writing, setting forth the reasons for its action.

14.2 In such event, Company shall pay Contractor in accordance with the terms of the contract as if Contractor was carrying out the operations.

14.3 All operations so conducted shall remain at the risk of Contractor to the extent Contractor is covered by insurance. When the well has been completed or when the conduct of the operations has been returned to the Contractor, the equipment shall again be put at Contractor's disposal in the same condition as at the time the operations were taken over by Company, taking into account normal wear and tear and any inherent defects at the time of taking over by the Company.

15.0 DURATION: The rates, terms and conditions shall continue until the completion or abandonment of the last well until the completion of testing operation.

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

17.0 DEFICIENCY: In the event of the Contractor's failure to strictly adhere in providing the minimum requirements of key personnel as set out in Section II, Clause 7.6, I, the penalty shall be levied at the following rates.

FAILURE	PENALTY
a) Failure to provide Rig Manager and tool pusher /Tour Pusher	At the rate of 5% of the operating day rate for the period of non-availability of the Rig Manager/Tour/Tool Pusher separately in each case.
b) Failure to provide Driller and Asstt. Driller	At the rate of 3% of the operating day rate for the period of non-availability of the Driller and Asstt. Driller separately in each case.
c) Failure to provide other key personnel excepting these mentioned in 'a' & 'b'.	At the rate of 3% of the operating day rate for the period of non-availability of each key personnel excepting those mentioned in 'a' & 'b' above.

NOTE:

1. The above penalty rates are applicable for the first five days. In case more than one key personnel are not available at a time, penalties applicable for such personnel will be levied simultaneously.
2. Beyond 5 days, the penalty will be levied at double the rates mentioned above for each day for non-availability of any key personnel.
3. Contractor will be paid for zero rate if operation is suspended for non-availability of key personnel.

18.0 INTER-LOCATION RIG MOVE STANDARD

- 18.1 Rig movement for a distance of thirty (30) Kms will be six (6) days. For lesser or more kilometerage, the time allowed shall be in proportions of one(1) day for each 30 KM or part thereof.
- 18.2 In case of shifting of the base camp of the Contractor, to another area, addition of 4 days will be considered during inter-location movement period.
- 18.3 The time for inter-location movement suspended by force majeure, shall be extended by the period for which the Force majeure conditions last. No day rate will be payable for extended period due to force majeure conditions.
- 18.4 The ILM charge shall be discounted by 5% for each day's delay beyond the standard, as stipulated in 18.1 and 18.2, of total cost for inter-location movement rate payable for that particular rig movement, when the rig move is delayed beyond the standard.

19.0 PREVENTION OF FIRE AND BLOWOUTS

- 19.1 Contractor shall maintain all well control equipment in good condition at all times and shall take all possible steps to control and prevent the fire and blowouts to protect the hole. The Contractor shall be responsible for taking all preventive and corrective measures for initial control of kick, inflow, fire and blowouts. After initial control of well, Contractor shall inform the Company's Representative about the well condition and finally well shall be killed after mutual discussion with Company's representative.
- 19.2 Contractor shall test the BOPs by making pressure test at least once in every 7 days or such time as instructed by the Company Representative. However, the testing procedure and frequency must comply with the Mines Rule. Contractor shall record results of all such tests in the daily work over report.
- 20.0 **DISCIPLINE:** The Contractor shall maintain strict discipline and good order among their respective employees and their respective Sub-Contractors, if any, and shall abide by and conform to all rules and regulations promulgated by the Company and Contractor governing the operations at the assigned worksites. Should the Company feel with just cause that the conduct of any of the Contractor's personnel is detrimental to Company's interests, the Company shall notify Contractor in writing the reasons for requesting removal of such personnel. The Contractor shall remove and replace such employees at their expense within 7 days from the time of such instruction given by the Company.

21.0 WATER MANAGEMENT

- i. Strict control has to be made in on the use of water. Wastage of water increases the effluent volume in the pit and may aggravate pollution problems.
- ii. The valves, glands, hoses etc. are to be checked for any leakage and the same to be informed immediately to the concerned for rectification.
- iii. Arrangements have to be made for pumping effluents into the nearest dry pit in case of emergency.

22.0 EFFLUENT PIT BUNDS

- i. Regular checks are to be made to ensure that there are no leakage/ seepage/overflow of effluents from the pit into the surrounding areas.
- ii. The bunds/walls of the effluent pit are to be checked by Contractor for any breaches during the operation. Any imminent breach of effluent bunds and walls shall be informed by Contractor to Company's representative in time for taking corrective measures. In the event of any damages to the effluent pit and its bunds and walls including the surrounding area due to delayed information by Contractor to Company, Contractor shall be responsible.

23.0 COLLECTION OF USED/ BURNT LUBE OIL: The used lube oils are to be collected separately in drums. Floating burnt oil, if any, in the effluent pit has to be lifted and collected into drums immediately.

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

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

26.0 The Contractor shall not engage labour below 18 (eighteen) years of age under any circumstances. Persons above 60 years age also shall not be deployed

27.0 Moreover, the Contractor should obtain and produce in advance to commencement of Work the following certificate / approvals:

- (i) Approval from DGMS/ DDMS for shift patterns in excess of 8 hours.

- (ii) Total manpower list.
- (iii) License/ certificate from specified electrical authorities for the rig and camp electrical personnel, if required.
- (iv) All certificates as per applicable laws including Mines Acts.
- (v) Regional Labour certificate, if required.

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

29.0 **GENERAL HSE GUIDELINES:**

- a. It will be solely the Contractor's responsibility to fulfill all the legal formalities with respect to the Health, Safety and Environmental aspects of the entire job (namely; the person employed by him, the equipment, the environment, etc.) under the jurisdiction of the district of that state where it is operating. Ensure that all sub-contractors hired by Contractor comply with the same requirement as the Contractor himself and shall be liable for ensuring compliance all HSE laws by the sub or sub-sub contractors.
- b. Every person deployed by the contractor in a mine must wear safety gadgets to be provided by the contractor. The Contractor shall provide proper Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement and company PPE schedule. Safety appliances like protective footwear, Safety Helmet and Full Body harness has to be DGMS approved. Necessary supportive document shall have to be submitted as proof. If the Contractor fails to provide the safety items as mentioned above to the working personnel, the Contractor may apply to the Company (OIL) for providing the same. OIL will provide the safety items, if available. But in turn, OIL will recover the actual cost of the items by deducting from Contractor's Bill. However, it will be the Contractor's sole responsibility to ensure that the persons engaged by him in the mines use the proper PPE while at work.

All the safety gears mentioned above are to be provided to the working personnel before commencement of the work.

- c. The Contractor shall prepare written Safe Operating Procedure (SOP) for the work to be carried out, including an assessment of risk, wherever possible and safe methods to deal with it/them. The SOP should clearly state the risk arising to men, machineries & material from the mining operation / operations to be done by the contractor and how it is to be managed.
- d. The contractor shall provide a copy of the SOP to the person designated by the mine owner who shall be supervising the contractor's work.

- e.** Keep an up to date SOP and provide a copy of changes to a person designated by the Mine Owner/Agent/Manager.
- f.** Contractor has to ensure that all work is carried out in accordance with the Statute and SOP and for the purpose he may deploy adequate qualified and competent personnel for the purpose of carrying out the job in a safe manner. For work of a specified scope/nature, he should develop and provide to the mine owner a site specific code of practice in line.
- g.** All persons deployed by the contractor for working in a mine must undergo Mines Vocational Training, initial medical examination, PME. They should be issued cards stating the name of the contractor and the work and its validity period, indicating status of MVT, IME & PME.
- h.** The contractor shall submit to DGMS returns indicating – Name of his firm, Registration number, Name and address of person heading the firm, Nature of work, type of deployment of work persons, Number of work persons deployed, how many work persons hold VT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons.
- i.** The return shall be submitted quarterly (by 10th of April, July, October & January) for contracts of more than one year. However, for contracts of less than one year, returns shall be submitted monthly.
- j.** It will be entirely the responsibility of the Contractor/his Supervisor/ representative to ensure strict adherence to all HSE measures and statutory rules during operation in OIL's installations and safety of workers engaged by him. The crew members will not refuse to follow any instruction given by company's Installation Manager / Safety Officer / Engineer / Official / Supervisor/Junior Engineer for safe operation.
- k.** Any compensation arising out of the job carried out by the Contractor whether related to pollution, Safety or Health will be paid by the contractor only.
- l.** Any compensation arising due to accident of the Contractor's personnel while carrying out the job, will be payable by the contractor.
- m.** The contractor shall have to report all incidents including near miss to Installation Manager / departmental representative of the concerned department of OIL.
- n.** The contractor has to keep a register of the persons employed by him/her. The contractor's supervisor shall take and maintain attendance of his men every day for the work, punctually.

- o.** If the company arranges any safety class / training for the working personnel at site (company employee, contractor worker, etc) the contractor will not have any objection to any such training.
- p.** The health check up of contractor's personnel is to be done by the contractor in authorized Health Centers as per OIL's requirement & proof of such test(s) is to be submitted to OIL. The frequency of periodic medical examinations should be every five years for the employees below 45 years of age and every three years for employees of 45 years of age and above.
- q.** To arrange daily tool box meeting and regular site safety meetings and maintain records.
- r.** Records of daily attendance, accident report etc. are to be maintained in Form B, E, J (as per Mines Rules 1955) by the contractor.
- s.** A contractor employee must, while at work, take reasonable care for the health and safety of people who are at the employee's place of work and who may be affected by the employee's act or omissions at work.
- t.** A contractor employee must, while at work, cooperate with his or her employer or other persons so far as is necessary to enable compliance with any requirement under the act or the regulations that is imposed in the interest of health, safety and welfare of the employee or any other person.
- u.** Contractor's arrangements for health and safety management shall be consistent with those for the mine owner.
- v.** In case Contractor is found non-compliant of HSE laws as required company will have the right for directing the contractor to take action to comply with the requirements, and for further non-compliance, the contractor will be penalized prevailing relevant Acts/Rules/Regulations.
- w.** When there is a significant risk to health, environment or safety of a person or place arising because of a non-compliance of HSE measures Company will have the right to direct the contractor to cease work until the non-compliance is corrected.
- x.** The contractor should prevent the frequent change of his contractual employees as far as practicable.
- y.** The contractor should frame a mutually agreed bridging document between OIL & the contractor with roles and responsibilities clearly defined.
- z.** For any HSE matters not specified in the contract document, the contractor will abide the relevant and prevailing Acts/rules/regulations/ pertaining to Health, Safety and Environment.

END OF SECTION - III

&&&&&

SECTION - IV

SCHEDULE OF RATES

The bidders must quote the following rates in their priced bids as per the format given in Proforma - B.

1.0 MOBILIZATION CHARGES (ONE TIME LUMP SUM CHARGES) (M)

In case the rig package is contemplated to be mobilized partly or fully from outside India then the break up of the mobilization charges to 1st location must be furnished separately.

- a) Mobilization charges “M” should include mobilisation of equipment and manpower for 1(one) work over rig.
- b) Mobilization charges should cover local and foreign costs to be incurred by the Contractors to mobilize to the first location.
- c) The first location will be in and around Duliajan, Assam.
- d) Total 2(two) work-over rigs shall be mobilized by the Contractor and accordingly mobilization charges shall be paid upon completing mobilization of each rig.

NOTE: Mobilization charges “M” should not exceed **7.1/2%** of **TCRO** (i.e. the total estimated charges for operation of each rig for 2 years).

2.0 DEMOBILIZATION CHARGES (LUMP SUM) (D)

For each rig package from last drilling location

- a) Demobilization charges “D” should include demobilization of all equipment and manpower attached with 1(one) work-over rig.
- b) Total 2(two) work-over rigs shall be mobilized by the Contractor and accordingly de-mobilization charges shall be paid upon de-mobilization of each rig.

3.0 OPERATING DAY RATE (Per 24 Hrs. day) (OC)

The Operating Day rate will become payable from the time the Rig is rigged up and made ready for killing the well, until the rig is released for movement to the next location during the following operations:

- (a) Tripping with Contractor’s/ Operator’s drill pipes/ tubings
- (b) Circulating with kill fluid
- (c) Making up and breaking down drill pipe, collars tubing and other tubulars
- (d) Drilling out/ Clean out cement, Bridge Plug, Collar and Shoe
- (e) Milling/ Cleaning jobs with Mud Motor
- (f) Fishing operations

- (g) Casing running-in/ Pulling-out and cementation
- (h) Mixing or conditioning mud with Contractor's drill pipe in the hole.
- (i) Swabbing operations
- (j) Retrieving casing
- (k) Any other operations as required for well completion

4.0 STANDBY DAY RATE (Per 24 Hrs. day) (70% of OC)

The Standby day rate shall be **70%** of the operating day rate.

The Standby by rate will be payable under the following conditions:

- A. Waiting on cement
- B. Assembling and dis-assembling of BOP and well head hook-up.
- C. Electric logging and wire line operations (both open and cased hole)
- D. Production testing
- E. Waiting on order
- F. Waiting on Company's equipment, materials and services.
- G. For all time during which the Company at its option may suspend operations.
- H. Waiting for daylight for certain production testing operation.

5.0 REPAIR DAY RATE (Per 24 Hrs. day) (60% of OC)

- a. The Repair Day rate shall be payable when operations are suspended due to break-down or repair of Contractor's equipment.
- b. The Contractor shall be paid repair day rate to a maximum of 30 cumulative hours per calendar month. Beyond the aforesaid 30 hours, no day rate will be payable until operations are resumed, at which time the applicable rate shall again come into force.
- c. This clause shall, however, not be applicable for routine inspections/ lubrications. The time for regular inspection/ lubrication is limited to 30 minutes for each shift.
- d. Payment towards rig repair day rate shall be 60% of the operating day rate.

6.0 FISHING DAY RATES (Per 24 Hrs. day)

- a) These rates are applicable in the even of Contractor dropping any tool/tubing/fish during the operation.
- b) During the restoration/fishing jobs through work-over rig following day rates shall be applicable :
 - ❖ For 1st 15(fifteen) days - 50% of OC
 - ❖ For the 16th to 30th day - 25% of OC
 - ❖ From 31st day till completing/suspending fishing job- Zero rate

7.0 INTER LOCATION MOVE RATE :

- a) Depending on the distance between the locations, separate rates will be applicable as mentioned below:

i) Fixed Charge (Lump sum) per rig move up to 30 Km	(LA)
ii) Kilometerage charges for rig movement in excess of 30 Km. This will be in addition to lump sum rate for ILM up to 30 Km as mentioned in `b' above	(LB)
iii) Fixed Charge (Lump sum) for Cluster location. The spacing between wells at surface in cluster well plinth is around 15m	(LC)

- b) Inter location movement operation will start from the moment the Company releases the Work-over Rig unit for rig down at previous location. Rig & all materials including the additional and optional items, if any, are to be transferred after rig down and rig up at the next location is completed and the well is ready for killing after preparation of killing fluid. The inter-location movement of Rig package should be completed within the period as specified under special terms and conditions.
- c) The Inter location movement operation will include the clearing of the Work-over location off all materials, rig parts and made free from all pollutants.
- d) No day rate under Para 3.0, 4.0, 5.0, 6.0 & 8.0 hereof will be payable when inter-location move rate is applicable.

8.0 FORCE MAJEURE DAY RATE (Per 24 Hrs. day) (50% of OC)

- a. The Force Majeure Day Rate shall be payable during the first 15 days period of force majeure. No payment shall accrue to the Contractor beyond the first 15 days period unless mutually agreed upon.
- b. Payment towards force majeure day rate shall be 50% of operating day rate.

9.0 CHARGES FOR ADDITIONAL ITEMS SHALL BE MADE AS UNDER:

A TUBULAR/ CROSS OVER SUBS: (One lot against 2 Rigs) SLH-90 Drill Pipe: 73.03 mm (2.7/8") OD x 15.50 Kg/m (10.4 lbs/ft), API Grade `E', QTY = 4200m

- (i) One lot of necessary substitutes between drill pipe and drill collars, between drill collar and bit, required for drill string as well as for combination string.
- (ii) Suitable fishing tools for each size of Tubular, Cross-over subs are to be provided by the Contractor.

Handling Tools

- (i) Elevators for 2.7/8” SLH-90 Drill pipe – 2 Nos.
- (ii) Slips for 2.7/8” SLH-90 Drill pipe– 2 Nos

B. Welding Machine – One set

Powered by Diesel Engine/Electric transformer with all associated welding and cutting accessories

C. 20 Ton Crane – 1 No.

Minimum 1 no. of Diesel Hydraulic, Truck mounted, Telescoping Boom mobile crane of 20 Tonne minimum capacity to be made available at all times at well site for both the Rig operations.

- a) The monthly rental shall include the crew charges for round the clock duty.
- b) The running charges are applicable for moving of rig from one working site to another but not for movement of crane within in the surrounding of a working well site.

D. Light Truck -1 No.

One truck with juralis is to be provided for transportation of Bits and chemicals from Company’s yard/Godown. Loading/ Unloading at well site is to be done by the Contractor.

- a) The monthly rental shall include the crew charges for round the clock duty.
- b) The running charges are payable for the kilometerage run in a calendar month based on the daily log sheet signed by OIL’s representative.

GENERAL NOTES FOR ADDITIONAL ITEMS: OIL shall have the option to mobilize all or any of the goods/services covered under item No. 9 above along with the rig package or at a latter date by giving 60 days written notice.

END OF SECTION – IV

&&&&&

WORK-OVER RIG INSPECTION CERTIFICATE

(SEPARATE CERTIFICATE TO BE ISSUED FOR EACH RIG)
(TO BE ISSUED BY BV / DNV / LLOYDS / OILFIELD AUDIT SERVICES)

FOR OLD RIGS

The following rig and equipment were inspected physically on _____ (date) and certified as under:

Sl. No.	Description	Details			
1.0	Identification No. of rig				
2.0	Current location of the rig (detailed address telephone & Fax No.				
3.0	Present owner of the rig (detailed address, telephone & Fax No.)				
4.0	Details of rig / equipment inspected	Details of rig/equipm ent offered with ID No.	Whether meet the tender specification	Year of manufact ure	Residual life
4.1	(a) Mast Make: Model: Capacity in MT: Height from ground level(in Ft): (b) Sub Structure: Capacity in MT: Height from ground level (in Ft):				
4.2	Rig engine: Nos. of engine: Make: Model: H.P.:				
4.3	Draw works: Make: Model: H.P.				
4.4	Rotary systems: Make: Model:				

	Static and rotating capacity (in MT): Rotary Table opening (in Inch)				
4.5	Tackle system: Make: Model: Capacity in MT:				
4.6	Swivel: Make: Model: Capacity in MT: Pressure rating (Kg/sq.cm):				
4.7	Kelly: Make: Model: Size: Shape: Pressure rating (Kg/sq.cm):				
4.8	Trailer / Carrier: Make: Model: Front/Rear axle (Nos.) Capacity:				
4.9.1	BOP: Make (Cameron/Shaffer/Hydril): Model: Pressure rating: Double Ram/Two Stack BOP with one set Shear cum Blind ram & one set Pipe ram: Manual control : (Y/N)				
4.9.2	BOP Control unit: Make: Hydraulic operated: (Y/N)				
4.10.1	Mud pump: Make: Model: Max Pressure rating: Discharge rate at specified pressure				
4.10.2	Mud pump engine: Make:				

	Model: H.P.				
4.11	Overall rig (1) Type i. Mobile-self propelled / trailer mounted / Ext propelled. ii. Electric / Diesel Engine powered. (2) Under structure clearance below rotary (in ft):				
5.0	Refurbishment, if any, with date and details of refurbishment.				

The rig after due inspection, is found in good operating / working conditions.

(Signature with name and designation)

Note:

- (1) For the rig / equipment already in existence, the above certificate shall be given by third party inspection agency namely BV/DNV/LLOYDS/OILFIELD AUDIT SERVICES on their letter head in original. Certificate from other agencies shall not be accepted.
- (2) Third party Inspection should be carried out on or after the date of sale of tender document and original inspection documents should be submitted along with the techno-commercial bid.

WORKOVER RIG INSPECTION CERTIFICATE**(SEPARATE CERTIFICATE TO BE ISSUED FOR EACH RIG)**
(TO BE ISSUED BY MANUFACTURE FOR NEW UNUSED RIGS)

The following rig and equipment shall be manufactured and supplied as per details below:

Sl. No.	Description	Details	
1.0	Name of the Manufacturer		
2.0	Buyers details (detailed address, telephone & Fax No)		
3.0	Readiness / availability of rig for inspection.		
4.0	Details of rig / equipment	Details of rig / equipment offered	Whether meets the tender specification
4.1	(a) Mast: Make: Model: Capacity in MT: Height from ground level (in Ft): (b) Sub structure: Capacity in MT: Height from ground level (in Ft):		
4.2	Rig engine: Nos. of engine: Make : Model: H.P.:		
4.3	Draw works: Make: Model: H.P.:		
4.4	Rotary systems: Make: Model: Static and rotating capacity (in		

	MT): Rotary Table opening in inch:		
4.5	Tackle system: Make : Model: Capacity in MT:		
4.6	Swivel: Make: Model: Capacity in MT: Pressure rating (kg/sq.cm)		

PROFORMA-A

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

Sr#	Item Description	Qty /Unit	Rate	Total	Freight & Insurance	CIF Value	Port & other charge	Landed Cost	Is it re-exportable ? YES or NO	Year of Mfg.	HSN Code
A	B	C	D	E = C x D	F	G = F + E	H	I = G+H	J	K	L

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

Authorised Person's Signature: _____

Name: _____

Seal of the Bidder:

PRICE BID FORMATE

Srl #	Items	Unit	Qty	Unit Rate		Total Amount		
				Code	Amount	Code	Amount	
I) WORK-OVER RIG PACKAGE				<i>Specify the Currency</i>				
1	Mobilization Charges of each rig	Lump sum	1	M		TM = M x 1		
2	De-Mobilization Charge for each rig	Lump sum	1	D		TD = D x 1		
3	Operating Charge per rig	Day	570	OC		TOC = OC x 570		
4	Inter-location move (ILM) charge per rig move up to 30 Km	Lump sum	16	LA		TLA = LA x 16		
5	Kilometerage charge when ILM is in excess of 30 Kms	Km	100	LB		TLB = LB x 100		
6	ILM rate per move in case of cluster location	Lump sum	1	LC		TLC = LC x 1		
7	TOTAL CHARGES FOR 2 YEARS OF RIG OPERATION	TCRO = TM + TD + TOC + TLA + TLB + TLC						
II) ADDITIONAL ITEMS								
A) TUBULARS/CROSS OVER SUBS								
1	Mobilization Charges	Lump sum	1	a.1		A.1= a.1 x 1		
2	De-Mobilization Charge	Lump sum	1	a.2		A.2= a.2 x 1		
3	Operating Charge	Day	365	a.3		A.3= a.3 x 365		
4	Standby Charge	Day	365	a.4		A.4= a.4 x 365		
5	TOTAL	T.A = A.1 + A.2 + A.3 + A.4						
B) WELDING MACHINE								
1	Mobilization Charges	Lump sum	1	b.1		B.1= b.1 x 1		
2	De-Mobilization Charge	Lump sum	1	b.2		B.2= b.2 x 1		
3	Operating Charge	Day	365	b.3		B.3= b.3 x 365		
4	Standby Charge	Day	365	b.4		B.4= b.4 x 365		
5	TOTAL	T.B = B.1 + B.2 + B.3 + B.4						
C) 20 MT CRANE								
1	Mobilization Charges	Lump sum	1	c.1		C.1= c.1 x 1		
2	De-Mobilization Charge	Lump sum	1	c.2		C.2= c.2 x 1		
3	Monthly Operational/Rental Charges (including crew for round the clock duty and fuel)	Month	24	c.3		C.3= c.3 x 24		
4	Running (movement) Charges	Km	5000	c.4		C.4= c.4 x 5000		
5	TOTAL	T.C = C.1 + C.2 + C.3 + C.4						
D) LIGHT DUTY TRUCK								
1	Mobilization Charges	Lump sum	1	d.1		D.1= d.1 x 1		
2	De-Mobilization Charge	Lump sum	1	d.2		D.2= d.2 x 1		

1	Monthly Rental (including crew for round the clock duty)	Month	24	d.3		D.3= d.3 x 24
2	Running Charge	Km	75000	d.4		D.4= d.4 x 75000
3	TOTAL	T.D = D.1 + D.2				
TOTAL FOR ADDITIONAL ITEMS		TADD = T.A + T.B + T.C + T.D				
TOTAL ESTIMATED CONTRACT VALUE FOR 4 YEARS OPERATION OF 2 RIGS						T = TCRO x 2 + TADD

RESTRICTIONS:

1	Mobilization Charges of each rig (TM)	TM should not exceed 7.1/2% of TCRO
2	Mobilization Charges for Tubulars etc.	A.1 should not exceed 7.1/2% of T.A
3	Mobilization Charges for Welding Machine	B.1 should not exceed 7.1/2% of T.B
6	Mobilization Charges for Crane	C.1 should not exceed 7.1/2% of T.C
7	Mobilization Charges for Light Truck	D.1 should not exceed 7.1/2% of T.D

NOTE: 1) In case the offered charges exceed the specified RESTRICTED amount then OIL shall pay the excess amount after completion of the Contract.

2) Bidders should quote against rates for one rig under item I. Total cost for 2 rigs would be arrived at by multiplying the rates by 2 as shown in BEC.

3) Bidder need not to quote for Standby rate, Repair rate & Force Majeure rate as the same will be payable as fixed % age of operating Day Rate as shown in the Schedule of Rates/Payment: Section -IV

SIGNATURE OF THE BIDDER

BID FORM

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

Sub: Tender No. OIL/CCO/DRLG/GLOBAL/242/2009

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 both parties have signed the Contract.

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 opening 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 _____ 2009.

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 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 **6 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 Tender# OIL/CCO/DRLG/GLOBAL/242/2009. 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.

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 Tender No. OIL/CCO/DRLG/GLOBAL/242/2009. 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 _____ 2009.

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.

PROFORMA LETTER OF AUTHORITY

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

Sir,

Sub: OIL's Tender No. OIL/CCO/DRLG/GLOBAL/242/2009

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.

ANNEXURE-I**EQUIPMENT AND SERVICES TO BE FURNISHED BY CONTRACTOR
AND/OR COMPANY (OIL) FOR TWO WORK OVER RIGS**

The equipment machinery, tools, materials supplies, instruments, services and labour, including but not limited to those listed at the following terms shall be provided at the location by OIL or Contractor and the expenses of OIL or Contractor as designated hereunder by 'X' mark in the appropriate column ;

Sl. No.	I T E M	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
I. EQUIPMENT :					
1.	Work over Unit complete with safety, hoisting, rotating & maintenance equipment according to international practice.	X		X	
2.	BOP, its attachments & spares	X		X	
3.	Choke & kill unit & connections	X		X	
4.	All substitute	X		X	
5.	All Fishing tools & their spares	X		X	
6.	a) Handling Tools for Drill pipe, Tubing, Drill Collar and other tubular (Elevators, Slips etc.)	X		X	
7.	Welding set with requisite electrodes	X		X	
8.	Base / Well site camp complete in all respect i.e. furniture fixture etc.	X		X	
9.	Sand line	X		X	
10.	Well Logging Unit & Tools & Services for Logging Operations		X		X
11.	Safety equipment including fire fighting equipment	X		X	
12.	Shut in valves	X		X	
13.	a) Crane during well operations. Additional crane required, if any, shall be provided by Contractor at no extra cost.	X		X	
	b) Sufficient number of vehicles for inter-location movement of rig.	X		X	
	c) Trailer with articulated tractor	X		X	
	d) 20 Ton crane (Optional)	X		X	
	(e) Truck to lift chemicals	X		X	
	(f) Vehicle to lift bits	X		X	
	(g) Vehicle to lift casing, tubing, well head etc		X		X
14.	Equipment required for supplying water as per tender specification at drilling site and camp	X		X	
15.	Equipment required for generating electricity at the site, camp	X		X	
16.	Rig lighting	X		X	
17.	Lines / Chicksons / Fittings	X		X	
19.	Mud making/ loading facilities at well site complete with reciprocating pumps , prime movers, hoppers tankages etc.	X		X	
20.	Tankages inclusive of acid & water storage tanks	X		X	
21.	Potable/drinking water, permanent provision at well site &	X		X	

Sl. No.	I T E M	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
	camp				
22.	BOP control unit	X		X	
23.	Well control accessories	X		X	
24.	Drill pipe, drill collar	X		X	
25.	Crossover substitutes of all sizes	X		X	
26.	Kelly	X		X	
27.	All sizes & capacity of elevators, slips, tongs, clamps, (manual & hydraulic)	X		X	
28.	Elevator links	X		X	
29.	Bit breaker, thread protector, nozzle gauge & bit gauge		X		X
30.	Service winch	X		X	
31.	Junk subs, impression blocks, etc.	X		X	
32.	All sizes of casing scrapper	X		X	
33.	Tubing Circulating heads	X		X	
34.	Rig warehouse	X		X	
35.	Complete set of tools & wrenches	X		X	
36.	Flow nipple & flow branch	X		X	
37.	Hydraulic power tubing tong	X		X	
38.	Tubing spinner	X		X	
39.	All kind of mud agitators for mud plant	X		X	
40.	Store house	X		X	
41.	All Rig instruments as per OMR 1984 & recorder	X		X	
42.	Mud motors & spares	X		X	
43.	Fishing equipment & spares other than those mentioned in Section II (TOR)		X		
44.	Air, water, electricity, fuel (HSD) and all lubricants	X		X	
45.	Accommodation for Contractor personnel	X		X	
46.	Communication equipment as mentioned in the Contract	X		X	
47.	Mud testing laboratory as mentioned in the tender	X		X	
48.	Equipment and services not heretofore designated but required by Contractor for normal operations	X		X	
49.	Equipment not heretofore designated but necessary to fulfill OIL's instructions.		X		X
II. CONSUMABLES :					
1.	Fuel for Workover Rig, all vehicles & entire Contractor's equipment including camp (including OIL's designated materials)	X		X	
2.	Grease, Lube oil, Cleaning solvent & for all Contractor's equipment including accumulator charging gases (also for OIL's designated equipment).	X		X	
3.	Tubing thread lubricant.	X		X	
4.	Mud chemicals & mud additives		X		X
5.	Salt & Chemicals for preparation of brine water during production testing		X		X
6.	Welding consumables	X		X	
7.	All BOP consumables including ring joint gaskets	X		X	

Sl. No.	I T E M	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
8.	Spares for workover rig & accessories.	X		X	
9.	Regular replacement of consumables of Contractor's equipment.	X		X	
10.	Maintaining adequate stock of consumables.	X		X	
11.	Mud motor spares	X		X	
12.	Fishing equipment, spares as per the contract	X		X	
13.	Replacement of tool equipment services as & when necessary	X		X	
14.	Replacement of Contractor's transport fleet as & when necessary.	X		X	
15.	Fuel, Lube Oil and spares for transport fleet as and when necessary.	X		X	
16.	First-aid & medicine	X		X	
17.	Food	X		X	
18.	Materials required to upkeep health and hygiene	X		X	
19.	Materials required for control of pollution.	X		X	
20.	Civil Engineering materials for a) Camp maintenance b) Well site plinth maintenance	X	X	X	X
21.	Replacement of electrical fittings as & when necessary.	X		X	
22.	Spares & consumables for communication equipment	X		X	
23.	Replacement, spares & consumables for fire-fighting equipments	X		X	
24.	Painting of mast & substructure as and when necessary as per colour coding to be informed by OIL.	X		X	
25.	All sizes of bits as and when necessary		X		X
26.	All sizes of Mill	X		X	
27.	All kinds of chemical as and when necessary		X		X
28.	Consumables not heretofore designated but required by Contractor in normal operation or needed for the maintenance of Bidder's equipment.	X		X	
29.	Consumables not heretofore spelt out but necessary to fulfill OIL's instructions		X		X
30.	Water for operation at well site	X		X	
31.	Consumables and spares for mud laboratory	X		X	
III. SERVICE AND PERSONNEL					
1.	Transportation of OIL's equipment & consumables attached to the rig.	X		X	
2.	Handling (loading & unloading) and storage of OIL's, Contractor's & subContractor's materials at well site.	X		X	
3.	Transportation of entire workover rig with accessories between locations (interlocation move)	X		X	
4.	Interlocation movement of Company's equipment attached with the rig.	X		X	
5.	Transportation of personnel				

Sl. No.	I T E M	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
	a) Of OIL (Based at camp)		X		X
	b) Of Contractor	X		X	
6.	Collection of bits/ mills, light consumables and transportation of same including handling to well site.	X		X	
7.	a) Site preparation (leveling, base, waster pits, celler pit, access roads according to the general lay out requirements of Contractor ingress and egress.)		X		X
	b) Maintenance of well site plinth / camp site and camp site approach road.		X		X
	c) Store facility for bit/mill and chemicals & other consumable at	X		X	
	i) Well site	X		X	
	ii) Intermediate site				
8.	Communication system (as specified in the tender)	X		X	
9.	Cementing & cementing Services	X or/and	X	X or/and	X
10.	Mud services facilities	X		X	
11.	Well head, control systems and their installation	X		X	
12.	Tripping of tubular	X		X	
13.	Medical facilities at well site	X		X	
14.	Other inspection required by Company in excess of contractual inspection		X	X	
15.	Furnish adequate roadway to location and the right of way		X		X
16.	Well head installation (BOP, Production & other equipments)	X		X	
17.	Welding materials & welding operations	X		X	
18.	All personnel & supervision necessary to operate the Workover Rig, including personnel necessary to handle all normal operations on workover location	X		X	
19.	Food & lodging of Contractor's personnel (including 3 rd party)	X		X	
20.	Workover operation as per OISD-182	X		X	
21.	BOP testing services	X		X	
22.	Maintenance of Contractor's equipment.	X		X	
23.	Well killing services	X		X	
24.	Fishing services	X		X	
25.	Production testing services (wellhead fitting/equipment shall be provided by OIL & well site services shall be provided by Contractor).	X	X		X
26.	Effluent water disposal services		X		X
27.	Pollution control services	X		X	
28.	Mud testing laboratory services	X		X	
29.	Computation and record keeping services	X		X	
30.	Mud motor services	X		X	
31.	Catering services	X		X	
32.	Medical Services	X		X	
33.	Ambulance services	X		X	
34.	Fire fighting services	X		X	

Sl. No.	I T E M	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
35.	Services of Personnel	X		X	
36.	Construction of shed/ramp etc. for mud & additives	X		X	
37.	Various work sheet drawing, calculation dimensions as mentioned.	X		X	
38.	Services not hereto fore designated but required by Contractor in normal operations or needed to maintain & operate Contractor's equipment.	X		X	
39.	Services not heretofore designated but required due to directions of the Company (OIL).		X	X or (Depending on type of job	X
40.	All expenditure for Contractor's persons including inward and outward journey from well site.	X		X	

PROFORMA FOR BIO DATA OF KEY PERSONNEL

AFFIX
PASSPORT SIZE
PHOTOGRAPH

1. NAME
2. PRESENT ADDRESS
3. PERMANENT ADDRESS
4. FATHER'S NAME
5. NATIONALITY
6. PASSPORT NO. AND VALIDITY
(IN CASE OF EXPATRIATE)
7. DESIGNATED POST
8. EDUCATIONAL QUALIFICATION
9. DATE OF BIRTH
10. EXPERIENCE IN REVERSE ORDER

NOTE : In case of replacement of the key personnel, the replacement personnel must have the requisite qualification and experience as per Terms of Reference(Section-II) and shall submit their credentials along with their recent photographs to Company for approval of Company.

ANNEXURE - III

DETAILS OF ELECTRICAL MACHINE USED IN WORKOVER RIG

Sl. No.	Name of Equipment/ Motor	Make	Maker's Sl. No.	Type	DGMS Approval No.	Distance from Well head	Gas Group
1							

ANNEXURE – IV

Details of all cables, light fittings, push button stations, plug & sockets, junction boxes, Motors, Starters etc. to be used in the offered rig

Sl. No.	Description	Make	Type	DGMS/CMRI Approval	Gas Group

ANNEXURE-V

PROFORMA UNDERTAKING FROM CONTRACTORS PERSONNEL

I _____ S/o _____
having permanent residence at _____ Dist.
_____ am working with M/s. _____ as their
employee. Now, I have been transferred by M/s.
_____ for carrying out the contract job under
Contract No. _____ which has been awarded in favour
of my employer M/s. _____.

I hereby declare that I will not have any claim for employment or any service benefit from OIL by virtue of my deployment for carrying out contract job in OIL by M/s. _____.

I am an employee of _____ for all practical purposes and there is no privity of Contract between OIL and me.

Signature

Place:

Date:

1. NAME:
DESIGNATION:
DATE:

2. NAME:
DESIGNATION
DATE: