### OIL INDIA LIMITED RAJASTHAN FIELD JODHPUR

## AMENDMENT No. 1 Dated 13.01.2021 To TENDER No. CJI6013P21

This Amendment to Tender No. CJI6013P21 is issued to notify the following:

- 1. Bid Evaluation Criteria (BEC) under Section-II of the original tender stands replaced with the Revised Bid Evaluation Criteria enclosed herewith as Annexure-I.
- 2. SPECIAL CONDITIONS OF CONTRACT & SCOPE OF WORK under Section-IV of the original tender stands replaced with the revised SPECIAL CONDITIONS OF CONTRACT & SCOPE OF WORK enclosed herewith as Annexure-II.
- 3. **Part II, Clause No. 8.0, 21.0 and 22.3** of Instruction to Bidders of the original tender stands replaced with modified clause enclosed herewith as **Annexure-III**.
- 4. Format to provide **PARENT/ULTIMATE PARENT/HOLDING COMPANY'S CORPORATE Guarantee** is missing in original tender documents is now enclosed herewith as Attachment IV.
- 5. Format to provide **PERFORMANCE BANK GUARANTEE FOR ULTIMATE PARENT/SUPPORTING COMPANY** enclosed herewith as Attachment V
- 2.0 All other Terms and Conditions of the Tender/Bid Document (Considering all previous Amendments/Addendums, if any) will remain unchanged.

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

**BID EVALUATION 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.

#### I TECHNICAL EVALUATION CRITERIA:

<u>Bidder:</u> The Bidder must be incorporated in India and must maintain minimum 20% local content for the offered services. With regard to calculation of local content and submission of documents during bidding & execution of contracts, provision of Purchase Preference Policy (Linked with Local Content) shall be applicable. If such local content is not maintained during execution of contract, OIL reserves the right to invoke the Performance Securities submitted by the bidding and supporting companies.

The bidder must meet the following criteria failing which offer shall be rejected:

#### 1.0 GENERAL REQUIREMENTS AND SPECIFICATION OF EQUIPMENT:

- **1.1** All major equipment offered for this tender i.e. Coiled Tubing Unit, Nitrogen Pumping Unit and Fluid Pumping Unit with heating facility shall not be manufactured before 01/01/2011.
- **1.1.1** In support of clause no. 1.1, the bidder shall submit documents such as Purchase invoice copy/Registration Card /Insurance copy or any relevant document which substantiate that the offered major equipment's i.e. Coiled Tubing Unit, Nitrogen Pumping Unit and Fluid Pumping Unit are not manufactured before 01/01/2011.
- **1.2** In case of brand new equipment for which bidder has placed Purchase Order but awaiting delivery, the bidder shall submit a certificate from the manufacturer along with the Technical Bid. The certificate from manufacturer should also clearly indicate the committed date of readiness of the equipment for shipment after due inspection.
- **1.2.1** In case the bidder offers the equipment owned by him, the self-certificate confirming availability of the equipment for this contract, shall be furnished by the bidder.
- **1.3** In case the bidder does not own the equipment's at the time of submission of bid and offers leased units or proposed purchase of the Units (other than brand new), bidders shall submit the original Memorandum of Understanding/Agreement of lease/purchase of unit, concluded with the owner of the units, especially for this tender, with documentary proof of ownership of the units. The above MOU/Agreement must be valid for the period of contract and any extension thereof.

#### 2.0 **EXPERIENCE**:

#### (a) Technical:

- 2.1 The bidder shall have experience of completing at least 25 (Twenty Five) numbers of Well Stimulation / Well Servicing / Acidization jobs relating to oilfield operations with the help of bidder's own / leased equipment's during the last seven (07) years prior to the bid closing date. In support of the experience, the bidder shall submit documentary evidences as per clause 2.2 below.
- **2.2** Documents establishing successful execution of jobs must be submitted along with the Technical bid. These documents shall be in the form of:
  - (i) Copies of relevant pages of contract document showing Contract Number, period of contract and Detailed Scope of work etc.
  - (ii) Copies of completion Certificate(s) or payment certificate(s) or any other documents which substantiate completion of the jobs, issued by the client(s) with contact details of the issuing person/organization (e-mail address, Phone Number, Fax number etc.).
- 2.3 Bidder must have the requisite equipment's and other resources/facilities as required to carry out the intended services for well activation with CTU & NPU, FPU, Acidization & completion services available with them. Details to be furnished along with the Bid. In case Bidder does not have any of the services mentioned above they may enter into a consortium/ legally valid agreement with a third party as per Clause 2.4 mentioned below.
- **2.4 In case the Bidder is a Consortium of companies**, (leader of the consortium should be incorporated in India and the Consortium shall maintain minimum 20% local content **as mentioned above**), the following requirements must be satisfied by the Bidder.
  - i. The leader of the consortium has to satisfy the minimum experience requirement as per clause 2.1 above.
  - ii. The leader of the Consortium must submit bid on behalf of consortium of Bidders. Memorandum of Understanding (MOU) between the Consortium members duly executed by the CEO/Authorized person and certified by the competent authority of the respective organization of the consortium members and notarized, must accompany the bid which should clearly define role/scope of work of each partner/member and should clearly define the leader of consortium. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for

discharging all obligations under the Contract. However, the Leader of the Consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the "Scope of Work" of this bid document. In case of award, such MOU shall be kept valid through the entire contract period, including extensions, if any. The following provisions should also be incorporated in the MOU executed by the members of the Consortium.

- iii. Only the Leader of the consortium should register in the e-tender portal and submit bid on behalf of the Consortium. The other members of the Consortium shall ratify all the acts and decisions of the Leader of Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract.
- iv. The Bid Security shall be in the name of the Leader of the consortium on behalf of consortium with specific reference to consortium bid and with name(s) & address(es) of Consortium members. Similarly, the Performance Security shall be in the name of the Leader on behalf of the Consortium.
- v. The leader of the Consortium on behalf of the Consortium shall coordinate with OIL during the period the bid is under evaluation, as well as, during the execution of works, in the event contract is awarded and he shall also be responsible for resolving dispute/ misunderstanding/undefined activities, if any, amongst all the Consortium members.
- vi. Any correspondence exchanged with the leader of consortium shall be binding on all the consortium members.
- vii. Payment shall be made by OIL only to the leader of the consortium towards fulfilment of contract obligations.
- viii. In case of Consortium bids, the bid shall be digitally signed by the leader of Consortium. The Power of Attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the Bid offer.
- ix. Documents/details pertaining to qualification of the BIDDER must be furnished by each partner/ member of consortium complete in all respects along with the bid clearly bringing up their experience especially in the form of work in their scope.
- x. **Constitution of Consortium:** If during evaluation of bid, a consortium leader proposes any alterations/ changes in the constitution or replacement or inclusion or expulsion of any partner(s)/ member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to his knowledge at any time, the bid of such a consortium shall be liable for rejection.
- xi. **Signing of Contract:** In the event of award of contract to the consortium, the contract to be signed by all the members of the consortium and the liability of each one of them shall be jointly

- and severely.
- xii. Members of the consortium are not allowed to quote separately/independently against this tender. All the bids received in such case will be summarily rejected. Further, all bids from parties with technical support from the same Principal will be rejected.
- xiii. Certified copies (attested by Director/Company Secretary) of Board resolutions passed by respective Board of Directors of the companies (Consortium leader and members) agreeing to entering into such consortium with each other for submission of bid for the NIT and authorising designated executives of each company to sign in the MOU to be provided along with the technical bid.
- xiv. The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarised.
- 2.5 Any party who is extending technical support by way of entering into consortium /Joint Venture agreement or MOU with another party shall not be allowed to submit an independent Bid against this tender. Under such situation both the Bids shall be rejected. Further, all Bids from parties with technical collaboration support from the same principal against this tender shall be rejected.
- **2.6 Indian Company/Indian Joint Venture Company as bidder**: Either the Indian Company/Indian Joint Venture Company or its technical collaborator must meet the criteria under clause 2.1 above.
- 2.7 Number of companies involved in Joint venture partnership/collaboration for bidding should not be more than three including the subsidiaries, parent company.
- Eligibility criteria in case Bid is submitted on the basis of the Technical 2.8 Experience of the Parent/Subsidiary Company: Offers of those bidders who themselves do not meet experience criteria as stipulated in clause 2.1 above can also be considered provided the bidder is a 100% subsidiary company of the parent company (Supporting Company) which meets the above mentioned experience criteria or the parent company can also be considered on the strength of its 100% subsidiary company (Supporting Company). However, the parent/subsidiary company (Supporting Company) of the bidder should on its own meet the technical experience as aforesaid and should not rely on its sister subsidiary/co-subsidiary company or through any other arrangement like technical collaboration etc. In that case, as the subsidiary company is dependent upon the technical experience of the parent company or vice-versa, with a view to ensure commitment and involvement of the parent/subsidiary company for successful execution of the contract, the participating bidder must enclose an agreement, as per format furnished vide Attachment - I, between the parent and the subsidiary company or vice-versa and Parent/Subsidiary Guarantee, as per format furnished vide Attachment -II, from the parent/subsidiary company to OIL for fulfilling the obligations under the agreement, along with the technical bid.
- 2.8.1 <u>In case Bid is submitted on the basis of the Technical Experience of Sister Subsidiary/Co-Subsidiary Company:</u>

- Offers of those bidders who themselves do not meet the technical experience criteria stipulated in clause 2.1 above can also be considered based on the experience of their Sister Subsidiary/Co-Subsidiary company within the ultimate parent/holding company subject to meeting the following conditions:
- (a) Provided that the sister subsidiary/co-subsidiary company and the bidding company are both directly owned 100% subsidiaries of an ultimate parent/holding company.
- (b) Provided that the sister subsidiary/co-subsidiary company on its own meets the technical experience criteria laid down in clause 2.1. above and not through any other arrangement like technical collaboration etc.
- (c) Provided that with a view to ensure commitment and involvement of the ultimate parent/holding company for successful execution of the contract, the participating bidder must submit an agreement, as per format furnished, between them, their ultimate parent/holding company, along with the technical bid.
  - 2.9 In the situations mentioned in clauses 2.8 and 2.8.1, following conditions are required to be fulfilled/documents to be submitted:
  - **2.9.1** Undertaking by Supporting Company to provide a Performance Security (as per format and instructions enclosed as <u>Attachment V</u>, <u>equivalent to 50% of the value of the Performance Security</u> which is to be submitted by the bidding company, in case the supported bidding company is the successful bidder.
  - **2.9.2** Undertaking from the supporting company to the effect that in addition to invoking the Performance Security submitted by the contractor, the Performance Security provided by supporting company shall be invoked by OIL due to non-performance of the contractor.

**Note:** In case Supporting Company fails to submit Performance Bank Guarantee as per 2.9.1 above

#### 3.0 MOBILISATION TIME:

**3.1** Time is the essence of this contract. The Bidder should be able to complete the initial (1st) mobilization with all their resources and start the work at well site in Rajasthan within ninety (90) Days from the date of LOA or mobilization notice and the subsequent mobilizations within FIVE (5) days from the date of issue of mobilization notice by the Company against each call. The bidder must submit categorical confirmation in this regard along with their "Technical" bid. Offers without confirmation of the stipulated mobilization time or with more mobilization time will be summarily rejected.

#### 4.0 **DOCUMENTS:**

- **4.1** Bidders must furnish documentary evidences, in support of fulfilling all the above requirement as under:
- (a) Equipment offered The necessary technical details & literatures of the offered units.
- (b) Vintage of the offered equipment as per Clause No. 1.1.1 above.

- (c) Copies of relevant pages of Contracts & Certificates issued by the clients as mentioned in clause 2.2.
- (d) MOU or legally acceptable documents (wherever applicable) in support of tie-up arrangement (Documents for Clause Nos. 2.4, 2.5, 2.6, 2.7, 2.8, 2.9).

#### NOTES:

1. OIL reserves the right to ask for any Original or other relevant document to verify the certification.

#### II FINANCIAL EVALUATIONCRITERIA:

- 1.0 Annual Financial Turnover of the Bidder during any of preceding three financial/ accounting years from the original bid closing date should be at least **INR 3.37 crores.**
- 2.0 "**Net Worth**" of the Bidder should be positive for the preceding financial/accounting year.
- 3.0 Documentary evidence in the form of Audited Balance Sheet and Profit & Loss Account for the preceding 03(three) financial/accounting years should be submitted along with the technical bid.

Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the Bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the Bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year ....... (as the case may be) has actually not been audited so far'.

#### **Notes:**

- (a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid: -
- i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number, Firm Registration Number and UDIN (Unique Document Identification Number)), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE I.

OR

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

- b) In case the Bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, Bidder to provide documentary evidence for the same.
- 4.0 In case the Bidders a Consortium, then any one of the Consortium members individually shall have to meet the financial turn-over criteria as per Para II 1.0 above. Other Consortium members individually shall have to meet the financial turn-over criteria of **INR 1.69 Crores.**
- 5.0 In case the Bidder is subsidiary company (should be a subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits his bid based on the strength of his parent/ultimate parent/holding company, then following documents need to be submitted.
- i) Turnover of the parent/ultimate parent/holding company should be in line with para II.1.0 above.
- ii) Net Worth of the parent/ultimate parent/holding company should be positive.
- iii) Corporate Guarantee on parent/ultimate parent/holding company's company letter head signed by an authorised official undertaking that they would financially support their wholly owned subsidiary company for executing the project/job in case the same is awarded to them (as per **Attachment IV**).
- iv) Document of subsidiary company towards wholly owned subsidiary of the parent/ultimate parent/holding company.

#### **III COMMERCIAL CRITERIA:**

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

- 1.0 Bids shall be submitted under single stage two-bid system i.e. Technical Bid and Priced Bid separately. Bids shall be rejected outright if the prices are indicated in the technical bids or if not conforming to this two bid system.
- 2.0 Bidder shall offer firm prices. Price quoted by the successful Bidder must remain firm during the execution of the contract and not subject to variation on any account.
- 3.0 Bids with shorter validity i.e, less than **120 days** from the bid closing date shall be rejected as being non-responsive.

- 4.0 Bidder to submit a "Bid Security Declaration" accepting that if they withdraw or modify their bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit the performance security before the deadline defined in the NIT, they will be suspended for a period of two years. This suspension of two years shall be automatic without conducting any enquiry.
- 5.0 The Integrity Pact must be uploaded in OIL's E-Procurement portal along with the Technical Bid duly signed by the same signatory who signed the Bid i.e. who is duly authorized to sign the Bid. If any Bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid shall be rejected straightway.
- 6.0 Bids received through the e-procurement portal shall only be accepted. Bids received in any other from shall not be accepted.
- 7.0 Bids submitted after the Bid Closing Date and Time shall be rejected.
- 8.0 The bid documents are not transferable. Bids made by Bidders who have not been issued the bid documents from the Company shall be rejected.
- 9.0 Bids shall be typed or written in indelible ink and shall be digitally signed by the Bidder or his authorized representative.
- 10.0 Bids shall contain no interlineations, erasures or over writing except as necessary to correct errors made by Bidders, in which case such corrections shall be initialed by the person(s) signing the bid.
- 11.0 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.
- 12.0 Bidders shall bear, within the quoted rate, the corporate tax as applicable on the income from the contract.
- 13.0 Bidders shall bear, within the quoted rate, all taxes, duties, levies etc., but, excluding service tax as applicable towards the services to be rendered against the contract as per scope of work.
- 14.0 Any Bid containing false statement shall be rejected.
- 15.0 Bidders must quote clearly and strictly in accordance with the price schedule outlined in "Price Bid Format" (Proforma B) of Bid Document; otherwise the Bid will be summarily rejected.
- 16.0 Bidders shall quote directly and not through their Agent/Representative/Retainer/Associate in India. Bids submitted by Indian Agent/Representative/Retainer/Associate on behalf of their foreign principals will not be considered and will be rejected straightway. One Indian Agent/Representative/Retainer/Associate cannot represent more than one foreign principal.

- 17.0 Bidder must accept and comply with the following clauses as given in the Bid Document in toto failing which bid will be rejected –
- i) Performance Guarantee Clause
- ii) Force Majeure Clause
- iii) Tax Liabilities Clause
- iv) Arbitration Clause
- v) Acceptance of Jurisdiction and Applicable Law
- vi) Liquidated damage and penalty clause
- vii) Safety & Labor Law
- viii)Termination Clause
- ix) Integrity Pact
- x) Withholding Clause
- 18.0 Indian Bidders, whose proposal for technical collaboration/joint venture involves foreign equity participation or payment of royalty and/or lump sum for technical know-how and wherever Govt. approval is necessary, are required to submit copy of Govt. approval on their application prior to date of price-bid opening.
- 19.0 **Customs duty**: The Services under the contract shall be carried out in Baghewala Jaisalmer PML areas renewed/issued to the Company after 01.04.1999 by Govt. of India and therefore, customs duty is not payable on items imported for execution of the contract. The Bidder should take note of this while submitting bid against the tender.
- 20.0 **Bidder has to comply with clause No. 36.0(Third Party Inspection)** of INSTRUCTIONS TO BIDDERS under Part-II failing which their offer shall be summarily rejected.

#### IV GENERAL:

- 1.0 The Statement of Compliance (enclosed PROFORMA C) should be digitally signed and uploaded along with the Technical Bid (un-priced). In case Bidder takes exception to any clause of Tender Document not covered under BEC, then the Company has the discretion to load or reject the offer on account of such exception if the Bidder does not withdraw/modify the deviation when/as advised by the Company. The loading so done by the Company will be final and binding on the Bidders.
- 2.0 To ascertain the substantial responsiveness of the Bid the Company reserves the right to ask the Bidder for clarification in respect of clauses covered under BEC also and such clarifications fulfilling the BEC clauses in totality must be received on or before the deadline given by the Company, failing which the offer will be summarily rejected.
- 3.0 Any exception or deviation to the Tender requirements must be tabulated in PROFORMA-C of this Section by the Bidder in their Technical Bid only. Any additional information, terms or conditions included in the Commercial (Priced) Bid will not be considered by OIL for evaluation of the Tender.

- 4.0 The Integrity Pact (Annexure-A1) must be uploaded in OIL's E-Procurement portal along with the Technical Bid digitally signed by the same signatory who digitally signed the Bid i.e. who is duly authorized to sign the Bid. Bids without the Integrity Pact digitally signed by the Bidder shall be rejected straightway.
- 5.0 The Company reserves the right to cancel/withdraw the tender or annul the bidding process at any time prior to award of contract, without thereby incurring any liability to the Bidders or any obligation to inform the Bidders of the grounds of Company's action.
- 7.0 If any clauses in the BEC contradict clauses elsewhere in the Bid Document, then the clauses in the BEC shall prevail.

#### V BID EVALUATION CRITERIA:

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Evaluation Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:

- 1.0 Commercial Bids (price-bids) of only the technically qualified Bidders will be opened on a pre-determined date and the same will be evaluated taking in to account the sum total cost of all components quoted by the Bidders as per Price Bid Format (Proforma-B) and the contract will be awarded to the lowest evaluated Bidder.
- 2.0 If there is any discrepancy between the unit price and total price, the unit price will prevail and total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amount in words shall prevail and will be adopted for evaluation.
- 3.0 The Bidders must quote their charges/ rates in the manner as called for vide "Schedule of Rates" under Section-V and the summarized Price Bid Format vide enclosed Proforma-B.
- 4.0 The quantities shown against each item in the "**Price Bid Format (i.e. in Proforma-B)**" are tentative quantities for whole duration of the contract and 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 shall be paid on the basis of actual quantum of jobs carried out during job execution. However, execution of jobs in excess of the quantity mentioned herein requires Company's prior approval.
- 5.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made subject to loading for any deviation. Commercial Bids shall be evaluated taking into account the rates quoted in the PRICE BID FORMAT as per Proforma B.

S1. No	Particular/activity	UOM	Qty.	Unit Rate	Total Amount
	CTU SERVICE				
1	Initial Mobilization charges CTU	LSM	1	a	A = a x 1
2	Coil Tubing Unit Operating Charges for Equipments (including all allied piping etc) and Manpower	Н	2000	b	B = b x 2000
3	Rental charges Equipment & manpower for Entire CTU Unit	DAY	400	С	C = c x 400
4	Interim De-Mobilization Charges	NO	42	d	D = d x 42
5	Interim Re-Mobilization Charges for Inter-Location Movement upto 25 Km from the last job location	NO	42	e	E = e x 42
6	Additional Interim Re-Mobilization Charges for Inter-Location Movement beyond 25 Km from the last job location	KM	9000	f	F = f x 9000
7	Final Demobilization charges of CTU Unit	LSM	1	g	G = g x 1
	NPU SERVICES				
8	Initial Mobilization charges NPU	LSM	1	h	H = h x 1
9	NPU Operating Charges for Equipments (including all allied piping etc) and Manpower	Н	2500	i	I = I x 2500
10	Rental charges Equipment & manpower for Entire NPU Unit	DAY	400	j	J = j x 400
11	Interim De-Mobilization Charges	NO	45	k	K = k x 45
12	Interim Re-Mobilization Charges for Inter-Location Movement upto 25 Km from the last job location	NO	45	1	L = 1 x 45
13	Additional Interim Re-Mobilization Charges for Inter-Location Movement beyond 25 Km from the last job location	KM	15000	m	M = m x 15000
14	Final Demobilization charges of NPU	LSM	1	n	N = n x 1
15	CONSUMABLES: Charges for liquid nitrogen (99.9% purity)	GAL	200000	0	O = o x 200000
	FPU SERVICE				
16	Initial Mobilization charges FPU	LSM	1	р	P = p x 1

17	Operating charges of FPU & Personnel	Н	1800	q	Q = q x 1800
18	Rental Charges of FPU& Personnel	DAY	200	r	R = r x 200
19	Interim De-Mobilization Charges		40	s	S = s x 40
20	Interim Re-Mobilization Charges for Inter-Location Movement upto 25 Km from the last job location.		40	t	T = t x 40
21	Additional Interim Re-Mobilization Charges for Inter-Location Movement beyond 25 Km from the last job location	KM	10000	u	U = u x 10000
22	Final Demobilization charges FPU	LSM	1	v	V= v x 1
	ACIDIZATION SERVICES				
23	Initial Mobilization Charge for Acidization Unit	LSM	1	w	W=w x 1
24	Operating Day Rate for Equipment & Personnel	DAY	50	х	X= x × 50
25	Rental charges tools & manpower Acidization Job		80	У	Y=у x 80
26	Interim De-Mobilization Charges	NO	7	Z	Z=z x 7
27	Interim Re-Mobilization Charges for Inter-Location Movement upto 25 Km from the last job location	NO	7	a1	A1=a1 x 7
28	Additional Interim Re-Mobilization Charges for Inter-Location Movement beyond 25 Km from the last job location	KM	5000	b1	B1=b1 x 5000
29	Final De-mobilization Charge for Acidization Unit.	LSM	1	c1	C1=c1 x 1
	OTHER SERVICES				
30	Echo-meter services (E)	PRN	80	d1	D1=d1 x 80
	OTHER SERVICES				
31	Cost of Chemicals, Additives, Consumables etc. for ACID PICKLING JOB	PW	8	e1	E1=e1 x 8
32	Cost of Chemicals, Additives, Consumables etc. for TUBING INTEGRITY TEST	PW	8	f1	F1=f1 x 8

	COST OF CHEMICALS, ADDITIVES, CONSUMABLES etc for ACID PICKLING JOB, TUBING INTEGRITY TEST (F)				
33	Cost of Chemicals, Additives, Consumables etc. for ACID PREFLUSH	M	40	g1	G1=g1 x 40
34	Cost of MAIN ACID	M	40	h1	H1=h1 x 40
35	Cost of Chemicals, Additives, Consumables etc. for Overflush	M	40	i1	I1=i1 x 40

Total Contract cost: A+B+C+D+E+F+G+H+I+J+K+L+M+N+O+P+Q+R+S+T+U+V+W+X+Y+Z+A1+B1+C1+D1+E1+F1+G1+H1+I1 (i.e., sum total of Sl. Nos. 1 to 35)

Sl. No.	UOM	Description
1	LSM	Lumpsum
2	Н	Hour
3	DAY	Days
4	NO	Number
5	KM	Kilometer
6	GAL	US Gallon
7	PRN	Per Run
8	PW	Per Well
9	M	Meter

#### Notes:

- (I) Bidders are to declare the detailed information regarding the equipment, consumables etc. required to be imported in to India in connection with these operations in Proforma-I (enclosed) for estimating the customs duty.
- (II) <u>Custom Duty</u>: The services under this Contract shall be carried out in ML/PEL areas of the Company and therefore, imports under this Contract is presently exempted from Customs Duty. Bidders should take note of the same while quoting. No customs duty shall therefore be considered for evaluation.

#### SPECIAL CONDITIONS OF CONTRACT & SCOPE OF WORK

#### I) TERMS OF REFERENCE AND TECHNICAL SPECIFICATIONS OF EQUIPMENT

#### 1.0 PREAMBLE:

Rajasthan Field of OIL INDIA LIMITED (OIL), a Govt. of India Enterprise, is engaged in exploration and production of natural gas from its Jaisalmer basin and exploration of heavy oil in Bikaner-Nagaur Basin in western Rajasthan. In addition, the company is carrying out various exploration activities in Rajasthan in NELP blocks as operator under PSC agreement with Govt. of India. Company has already discovered heavy oil in its Baghewala field (nearly 350 Km from Jodhpur) and expected to discover similar heavy oil having very low API and GLR from its forthcoming locations in the adjoining NELP-VI blocks.

#### 2.0 DEFINITION OF WORK:

OIL intends to hire expert services with equipment/tools and operating crew as under on call out basis for well activation, acidization and completion Oil / Gas wells in OIL's operational area of Rajasthan Field. The Contractor is to provide Equipment as per the list given below with associated equipment / tools & services on call out basis for a period of 3(three) years with extension of one year at same rates and terms and condition. The Contractor shall render services for carrying out necessary well Serving operations in vertical wells, high angle deviated wells (horizontal). Well depths where necessary operations are to be carried out are in the depth range of 1100 - 2500 meters. Depths of the wells, where operations are to be carried out, may somewhat increase or decrease. Maximum working pressure will be of 4000 psi. The major equipment offered i.e. Coiled Tubing Unit, Nitrogen Pumping Unit and Fluid Pumping Unit with heating facility shall not be more than 10 (ten) years old (i.e. manufactured not before the year 2011).

#### The well servicing service package will consist of the following:

S1.	Description	Quantity
No.		
1	Coiled Tubing Unit (including flow-back facility)	1
2	Nitrogen Pumping Unit with provision of supply of liquid	1
	nitrogen	
3	Fluid Pumping unit with heating Facility and with provision for	1
	supply of water or indirect heater with sufficient BTU	
4	Acid Mixing Tank (2000 Imp Gal) (Minimum)	2
5	Acid Transfer pump	1
6	Truck/Trailer/skid-mounted high pressure Acid Pumping Unit	1
7	Acid tanker of minimum capacity 5,000 USG	1
8	Truck-mounted water Tank of minimum capacity 3,000 USG or	1
	twin Batch mixer (2 *50bbl) which makes 3000 USG or more	
9	Echo meter Service for fluid level Measurement	1

Details of the above equipment's shall be provided as per the Equipment checklist-1.

# 2.1 <u>WELL SERVINCING JOBS INCLUDING BUT NOT LIMITED TO THE</u> FOLLOWING JOBS:

#### a) Oil/Gas Well activation with CTU and /or NPU units

The job will involve unloading and activation of new/ work-over/ shut in/ ceased wells using CTU and / or NPU units. It involves lowering of coiled tubing in stages to the bottom of the well or to the final depth as decided by the Company and displace the well fluid with nitrogen to the desired volume/ depth and make the well displace on its own. OIL requires activation of its wells by the said operation in forward circulation.

# b) De-waxing of well with CTU, NPU/ FPU with heating facility (HOCU) for heating crude at site

The job involves circulating fluid through coiled tubing and simultaneously running the coiled tubing down the well judiciously. Utmost care to be taken during the job so that at no stage the tubing stuck up in wax or other materials takes place in the hole. Bidder needs to heat crude oil upto 75 C to enhance mobility of the crude

#### c) Well killing/well fluid change over with FPU, CTU

The job involves pumping of water to replace drilling fluid or work-over fluid or vice versa using FPU, CTU. For killing a well, requisite amount of suitable killing fluid at desired pressure should be pumped into the well bore to suppress inflow from the reservoir. In an emergent situation like blow out and uncontrollable release of well fluid, the well needs to be killed with the help of various units. In such an adverse situation, the crew must be prepared to work in war footing including hooking up of killing lines etc. at the well. The entire job will be carried out in presence and supervision of the Company's representative.

### d) Acidization job using CTU, NPU & Acid Pumping unit

The job involves effective Matrix Acidization in wells in OIL's operational area in Rajasthan. The services to be carried out by the contractor are as follows:

- A. Selection of appropriate stimulation candidate wells.
- B. Design an effective treatment (including design of detailed work over program)
- C. Provide all Surface equipment's.
- D. Supply of all chemicals, consumables and tools and tackles required for successful completion of Acidization operations.
- E. Supply of requisite manpower.
- F. Acidization job execution
- G. Waste Management
- H. Monitoring & performance evaluation and generation of reports

#### e) Acidization job execution

The job involves the following basic procedural steps, but the operational steps may vary case to case depending upon the programs for individual wells:

- •Tubing Integrity test
- Acid pickling
- •Well bore clean out
- •Acid Preflush
- •Low strength main acid
- •High strength main acid
- •Over flush

#### Foam diverter with CTU, NPU.

The requirements will be intimated based on well characteristics during job execution. Acid concentration (by wt.) is 5% to 15%

# f) Horizontal Well CT intervention for Sand cleaning, water unloading, chemical treatment etc.

The job involves intervention of CT up to the bottom of the well (toe of the horizontal section) or to the desired depth by using CTU, NPU and FPU etc. with an objective to clean sand, unloading of water or chemical treatment etc. Necessary tools and attachments required for horizontal intervention shall be arranged by the Contractor.

### g) Infectivity testing of the well using FPU

The job involves injecting suitable liquid to the formation by pumping with FPU. The contractor shall ensure proper record of pumping rates (i.e. injectivity) at different pumping pressures.

#### h) Any other job not covered above

Any other similar type of job, not spelt out above but, which can be carried out with the use of the offered CTU/NPU/FPU with heating facility and other equipment shall have to be carried out by the Contractor as and when necessary.

**2.2 GUIDELINES:** Recommended Safe Operating Procedures & guidelines should be followed while carrying out well stimulation operation. [OISD-182]

#### 3.0 AREA OF OPERATION:

- 3.1 The area of the operation as planned is in Rajasthan.
- 3.2 The following information is for general guidelines to the Contractors:
  - (a) Minimum width of the well site approach road: 3.50 m
  - (b) Turning Radius: 16 m approximately
  - (c) Maximum allowable unit load inclusive of fare weight for Class AA loading: 45 T
  - (d) Maximum overhead clearance: 4.25 m (14 feet).
  - (e) Highest recorded wind velocity in Rajasthan: 80km/hour (60 MPH).
  - (f) Max. Recorded ambient temp: 52° Celsius
  - (g) Min. recorded ambient temp: 2° Celsius.

- (h) Weather Pattern: Occasional rain during the month of August to October.
- (i) Source of water: Through deep bore wells. Water may also be drawn from Indra Gandhi Cannel.
- (j) Average annual rainfall: 20/30 cm.
- (k) Humidity: Max. 40%.
- 4.0 **SCOPE OF WORK:** The work is defined and described by, but not necessarily limited to, any or all of the following:
- 4.1 To provide good quality equipment and skilled personnel required to unload well fluid for reducing head during well activation, for well stimulation by Nitrified acid job and to provide storage and pumping facility for acids required for well stimulation.
- 4.2 To provide coiled tubing services (including requisite surface piping's, flow-back tanks, choke manifold and pressure control devices), pumping services and other related equipment for well activation, dewaxing, fish recovery, sand cleaning, acidized wells back washing, debris & scale clean out in well by Acidization, circulation, milling etc., as required.
- 4.3 To supply liquid Nitrogen for NPU/CTU services and Supply of water with tankers for carrying out services using FPU.
- 4.4 Operating hours may be averaging to 8 hours per day. In the event of exigency, it may go up to 12 hrs per day.
- 4.5 The successful Contractor shall provide equipment's with associated equipment / tools & services as listed above to carry out Well Servicing Operations in accordance with the completion programme. The Contractor shall furnish documentary evidence in support of vintage and ownership of the equipment in context to 1.1.1 of BRC/ BEC prior to mobilization. Apart from this, the successful Contractor shall also provide spares for the units with maintenance crew at all time for uninterrupted operation.
- 4.6 The successful Contractor shall carry out effective Matrix Acidization in oil wells and gas producing wells, in OIL's operational area in Rajasthan within the period of 3 (Three) years.
- 5.0 **PRESENCE OF CO2 & H2S**: Presence of CO2 around 28% is expected in the gas wells. In Oil (Heavy oil) wells H2S is expected in minor amounts. H2S -1.2% (Approx).
- 6.0 **TECHNICAL SPECIFICATION OF EQUIPMENT TO BE OFFERED BY CONTRACTOR:** The Contractor shall mobilize all necessary equipment, tools and spares for successful and uninterrupted operation of the well servicing operation.
- 7.0 <u>TECHNICAL GUIDELINES FOR SELECTION OF THE UNITS AND ACCESSORIES TO BE PROVIDED BY SUCCESSFUL CONTRACTOR:</u>
- **A. Coiled Tubing Unit:** Coiled Tubing Unit: Coiled Tubing Unit of size 1.25" or 1 ½" or higher OD CT mounted on a oil field truck/skid/trailer/Hydra Rig Truck mounted along with following dimensions accessories should meet the following minimum requirement:

Engine: The Contractor shall provide engine(s) with BHP as per the design load. Engine(s) should adhere with the latest environmental norms.

# **DIMENSION (COMPLETE UNIT/INCLUDING TRAILER)**

Overall Width (max)

Overall Height (max)

Overall Length (max)

Ground Clearance

- Approx. 3 meter (9.85 feet)

Within 4.25 meter (14 feet)

Approx. 18.0 meter (59 feet)

Approx. 25.0 cm. (10 inch)

It can also be a Hydra rig truck mounted CT unit with prime mover

- i. **Coiled Tubing:** The Contractor shall offer 1 ½" continuous coiled tubing.
- ii. **Tubing Reel:** The tubing is to be placed in a suitably sized skid mounted tubing reel assembly along-with the following minimum features.
  - a. <u>Tubing Reel: 1.25" or 1½" OD Tubing Reel assembly:</u> The unit shall have the provision for adapting 1.25" or 1½" OD coiled tubing of minimum length of 3500 meters. The CTU shall be equipped with an attachment to adapt 1.½" OD CT. As such, the Contractor shall keep the following equipment ready in hand:
    - ightharpoonup 1.25" or 1 ½" CT Reel X 3,500 m or higher (of QT 800 or equivalent) = 1 no.
    - ➤ Additional Tube Reel assembly for 1 ½" CTx3000 m = 1 no

#### Note:

- The Contractor shall arrange necessary services (like crane, truck) to carry separately to carry out rig up and install/replace damaged 1 ½" Tube Reel Assembly at the well site, whenever needed. The contractor shall keep at any point of time one additional 1.½" CT Reel X 3000 m (of QT 800 or equivalent) as back up.
- Contractor should have necessary cross over (1.5" AMT thread) for connecting downhole tools like impression block and downhole camera and similar tools.
- Contractor should have dynadrill along with CTU.
- iii. <u>Tubing Injector:</u> The tubing injector should be suitable for 1½" OD Coiled tubing and be driven by hydraulic motor with minimum 60,000 lbs continuous pull capacity at 3000 psi (210 Kgs/sqcm).
- iv. **Blow Out Preventor (BOP): Blow Out Preventor (BOP):** Atleast One hydraulically operated 2 9/16# bore X 5,000 PSI (API 6A) flange ended BOP having Quadra ram provision, one for 1. ½# OD tubing, one for 1. ½# OD slip, one for 1. ½# OD shear ram and one for 1. ½# OD blind ram.
  - a. BOP with size 3 1/2" X 10,000 psi or 4-1/16" x 10000 psi (bigger) with suitable adapter to match with the well head as specified in above is also acceptable.
  - b. The Contractor is to supply necessary well head adapters required for installation of the BOP on to the top flange of the well heads specified as:
    - i. 2.9/16# X 3,000 PSIG WP flanged (API 6A) X-mas tree assembly.

- ii. 2.9/16# or 3.1/2" X 5,000 PSIG WP flanged (API 6A) X-mas tree assembly
- v. **Stuffing Box**: A hydraulically actuated side loading stripper/ packer shall be fitted with the injector.
- vi. <u>Crane Assembly:</u> Suitable crane for rigging up/down of the lubricator assembly shall be provided as an integral part of CTU or separately.
- vii. **Accumulator System:** The Contractor is to provide a suitable high pressure accumulator system with a sufficient volume capacity and a constant back-up hydraulic pressure to the hand pump system.
- viii. **Riser / CTU Lubricator:** The Contractor shall arrange for at least 3 sections X 10 feet (Each) risers / Lubricators of appropriate sizes & pressure rating for carrying out different CT operation. The Contractor shall note the different specifications of the downhole tools while selecting the risers.
  - ix. The Contractor shall keep one additional pressure control equipment BOP & Stripper for intervening wells of Well Head Pressure (WHP) more than 3,500 psig and would have sufficient spares for proper maintenance of the equipment to avoid any downtime.
  - x. The package shall be inclusive of high pressure 5K rated surface piping's along with suitable x-overs for adaptability to X-mass tree, flow-back tank, choke manifold and pressure control devices etc.

#### B. <u>NITROGEN PUMPING UNIT:</u>

Nitrogen pumping Unit (NPU) mounted on an Oil field truck/skid/trailer capable of pumping and vaporizing 180000 SCFH (MAX) and pressure up to 5,000 psi along with a minimum storage tank of capacity 10000 US gallons liquid nitrogen including all requisite piping's and fittings. The contractor shall be responsible for the supply of liquid nitrogen to carry out NPU operation at well site.

#### 1. DIMENSION (COMPLETE UNIT /INCLUDING TRAILER)

Overall Width (max)

Overall Height (max)

Overall Length (max)

Ground Clearance

- Approx. 3 meter (9.85 feet)

Within 4.25 meter (14 feet)

Approx. 18.0 meter (59 feet)

Approx. 25.0 cm. (10 inch)

#### 2. **ENGINE:**

Engine: The Contractor shall provide engine(s) with BHP as per the design load. Engine(s) should be of minimum EURO III/ BS III or equivalent norms.

#### **B.1. LIQUID NITROGEN STORAGE TANK:**

The Contractor shall provide Liquid Nitrogen Storage Tank(s) of the following specification:

- Net capacity: 7,000 US gallons.
- Maximum allowable working pressure: 100 psig.

#### **Operating Temperature Ranges**

Minimum: -20°F (0 °C) Maximum: 120°F (49°C)

The Tank must conform to SMPV rules. Tanks must be fitted with standard safety relief systems as per applicable ASME or SMPV code. For example,

- 1. Relief valve
- 2. Block line relief valve
- 3. Tank
- 4. Rupture disk
- 5. Annular space relief valve

Tank must be provided with suitable pressure building coil to pressurize vessel for withdrawal of liquid.

#### **B.2. LIQUID NITROGEN TRANSPORTER TANK**

The Contractor shall provide 01 (one) no. of liquid nitrogen transporter tank. The unit should be placed in a suitable truck fit for Indian road condition with following specifications:

• Net Capacity: 2,000 US gallon

• Maximum allowable working pressure: 100 psig

#### **OPERATING TEMPERATURE RANGES:**

Minimum: -20°F (0 °C) Maximum: 120°F (49°C)

The Tank must conform to SMPV rules .Tank must be fitted with standard safety relief systems as per applicable ASME code. For example,

- a. Relief valve
- b. Block line relief valve
- c. Tank
- d. Rupture disk
- e. Annular space relief valve

Tank must be provided with suitable pressure building coil to pressurize vessel for withdrawal of liquid.

#### C) FLUID PUMPING UNIT:

Oil Field Truck/Skid/Trailer Mounted Multi-Purpose Pumping Unit with maximum discharge rate 337 GPM (1275 LPM) at 2000 psi (140 kg/cm2) pressure and Minimum discharge = 75 GPM (284 LPM) at 5000 psi (350 kg/cm2). The unit shall have a fluid capacity tank and necessary piping, fittings & tools. The pump shall be suitable to handle fluid viz. Crude oil, HSD, water, saline water, mineral oils, high viscous fluids, mud, acid etc

The contractor shall arrange for supply of water to the pumping unit using water tankers (using 2 nos of 20KL capacity water bowser) to carry out relevant well servicing job, at well site. However, condensate and diluents for de-waxing operation will be provided by OIL.

# **DIMENSION (COMPLETE UNIT / INCLUDING TRAILER)**

Overall Width(max) - Approx. 3 meter (9.85 feet)
Overall Height(max) - Within 4.25 meter (14 feet)
Overall Length(max) - Approx. 18.0 meter (59 feet)
Ground Clearance - approx. 25.0 cm. (10 inch)

#### D) ACID PUMPING UNIT:

Diesel Engine Driven, High pressure (maximum discharge pressure 5,000 psi,  $3\ 1/2$ " Plunger size) triplex plunger pump suitable for handling corrosive fluid with relief valve. All piping shall be suitable for acid pump service.

#### **D.1 ACID TRANSFER PUMP:**

- i) The pump shall be suitable for transferring acid from static tanks (Ground position) to an elevated tank in field conditions.
- ii) The pump shall have the following specifications:

Capacity: 5 cu. m per hr (minimum) Head: 30 ft The construction of the pump and accessories must be compatible to handle fluid like acid, chemicals, solvents, crude oil, xylene, etc.

#### D.2 ACID MIXING TANK:

Contractor shall provide 02 (two) nos. of 2,500 Imp Gal (min) capacity or 01 (one) No. of tank with two compartments of capacity 2,500 Imp Gal (min) each, skid/trailer/truck mounted acid mixing tanks (Closed top with removable lid for filling up) with suitable acid resistant lining inside the tank and necessary fittings of the tank.

#### D.3 ACID STORAGE TANK: 01 (One) No.

3000 US gallons, acid resistant suitable for storing acid(storage can be in tanks or drums).

#### **D.4 ACID TANKER:** 01 (One) No.

10 kls capacity Acid Tanker suitable for acid transportation

#### **D.5 WATER TANKER:** 01 (One) No

20kls capacity Water Tanker for transportation of water

**Note:** The vintage of major equipment i.e. Acid pumping unit, Acid Tanker and Acid Loading & Unloading pump to be deployed by the bidder for Acidization operation shall not be manufactured before 01/01/2008.

#### E. SURFACE HOOK UP CONNECTION

The Contractor shall supply, but not limited to, the followings for laying of surface lines to carry out operations in the field:

- 1. Treating irons of minimum 100 feet in each unit
- 2. Unions (of appropriate sizes & Quantity)
- 3. Elbows (of appropriate sizes & Quantity)
- 4. Flanges (of appropriate sizes & Quantity)
- 5. Crossovers (of appropriate sizes & Quantity)
- 6. Swivel joint (of appropriate sizes & Quantity)
- 7. Valves (of appropriate sizes & Quantity)

2" X 15,000 psig (FIG 1502) treating irons and other fittings will be required under this tender. Necessary adapter / connectors / change sub shall be made available for use of the same irons & fittings for pressure ratings FIG 602 and FIG 1002.

#### **GENERAL NOTES:**

- i. Contractor shall ensure that there shall not be any shut down of Coiled Tubing unit due to non-availability of continuous coiled tubing. Contractor shall keep at least one spare continuous coiled tubing in their stock all the time.
- ii. All the necessary pipes, fittings, valves, adequate length of high pressure delivery lines etc. required for rigging up of the equipment and operations shall be provided by the Contractor. The contractor shall provide requisite cross-overs for adaptability of their equipment, tools, piping's etc to the x-mass tree.
- iii. Supply, storage, consumption of water, liquid nitrogen (99.9% purity), fuel & other consumables 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 above shall be on the Contractor's account.
- iv. The Contractor shall also provide fuel for all of their vehicles and other stationary engines.
- v. All sorts of lubricants for day to day operation shall be supplied by the Contractor. Also, various spares required for uninterrupted operation shall be stocked / supplied by the Contractor.
- vi. Service Provider shall supply requisite quantity of Hydrochloric acid, corrosion inhibitor and sequestering agent as per requirement in the well as instructed by Company representative. Documents from manufacturer/supplier of acid evidencing the desired concentration of the supplied acid must be produced to the Company representative before the materials are put in to use.
- vii. The contractor may have to carry out more than one number of jobs simultaneously in different well locations on a single day based on job requirement.
- viii. If there is any financial loss of company due to contractor then the same will be indemnify by the contractor to the company.

#### 8.0 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.

- 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 colour 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.

#### 9.0 TRANSPORTATION SERVICES:

Transportation of Contractor's personnel & their material from camp site to well site and between work sites shall be the responsibility of the Contractor. All vehicles deployed for this purpose should be in prime condition.

#### 10.0 FIRE FIGHTING AND SAFETY EQUIPMENT/SERVICES:

- i. <u>Safety:</u> 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, Tool box meetings, BOP tests, etc. as may be required by company at prescribed intervals.
- ii. Contractor shall provide all necessary firefighting and safety equipment as per laid down practice as specified under OISD STD 189 and OMR.
- iii. Fire protection at well sites to its equipment 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 well 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) **<u>First Aid Kit</u>**: An adequate and approved first aid kit shall be provided at work site with all medicines as recommended by John Ambulance.
- vi) **SECURITY SERVICES**: Contractor shall provide adequate security personnel to safe guard their own equipment & accessories at camp & work site.
- vii) **CAMP AND OTHER ESTABLISHMENT**: Suitable camp facilities for Contractor's personnel including catering services shall be Contractor's responsibility.

viii) **COMMUNICATION SYSTEM**: Suitable communication system like WLL/ Cell phone is to be provided by the Contractor for effective communication from well as well as from base camp.

#### 11.0 PERSONNEL TO BE DEPLOYED:

- I. The Contractor will provide competent, qualified and adequately experienced personnel for carrying out jobs as mentioned in scope of work correctly and efficiently. Personnel provided by the Contractor must observe all safety and statutory norms applicable to the Company. Their performance must be to the satisfaction of the Company and the Contractor must be willing and ready to replace, at their own expenses, any of their personnel who are not found suitable by the Company.
- II. Maintain a highly skilled technical staff to render the services and capable of making the best use of the equipment so as to ensure the highest degree of accuracy and reliability of the works/data gathered.

CONTRACTOR shall submit CVs of the personnel to the COMPANY for approval prior to the commencement of the Operations.

- The personnel of the Contractor other than Indian nationals shall possess a MHA (Ministry of Home Affairs) clearance and the Contractor shall ensure that the MHA clearance is obtained at his own responsibility and cost prior to any expatriate personnel mobilized to the field.
- Personnel provided by the Contractor must observe all safety and statutory norms applicable to the Company.
- Personnel deployed by the Contractor should be fluent in English/local language.
- The following skilled personnel, required for execution of the contract shall have to be deployed by the Contractor.

#### POSITION MINIMUM EXPERIENCE NUMBER OF PERSONNEL:

POSITION	MINIMUM EXPERIENCE	NUMBER OF PERSONNEL
Overall Supervisor	10 Years	1
Coiled Tubing Operator	03 Years	1
Nitrogen Pumper Operator	03 Years	1
Fluid Pumper Operator	03 Years	1
Asst. Operator for Equipment	03 Years	3
Works Manager for acidization Job	10 Years	1
Acidizing Supervisor	03 Years	1
Acidizing Operator	03 Years	2
Technician	03 Years	2

**Note:** The above list of key personnel indicates the minimum requirement. The Contractor will need to make provisions for additional manpower that may be required for execution of the Contract smoothly.

#### 12.0 COMPANY'S REQUISITES:

- Contractor shall, prior to mobilization, furnish to Company a list of all personnel who are to perform the Services. The list shall show each person's qualifications, details of work history and previous employment with dates, training courses attended, and copies of all pertinent certifications. Personnel must have good skill in writing and speaking English.
- If the Contractor plans to change any personnel from the list, the Contractor shall notify Company in advance of the intended change and give Company the above mentioned particulars of the new person.
- Company reserves the right to reject any person on such list, and any subsequent changes to the list.

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

#### 1) OVERALL SUPERVISOR:

I. Shall be engineering graduate or equivalent with sound health and shall have minimum of 10 years of work experience in E&P business out of which 03 years experience in well servicing operation with CTU, NPU, FPU with heating facility

OR

Shall be Engineering Diploma holder with sound health, must have minimum of 15 years of work experience in E&P business out of which 05 years experience in well servicing operation with CTU, NPU, FPU with heating facility.

- II. Shall be well conversant with operation and maintenance of equipment deployed and safety regulations
- III. Shall have good skill in writing and speaking English.

#### 2) COILED TUBING OPERATOR:

I. Shall be science graduate/engineering diploma holder or equivalent, with sound health and have minimum of 03 years of work experience in operation and maintenance of Coiled tubing Unit in oil/gas wells.

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Shall be High School or equivalent passed with sound health, must have minimum of 10 years of experience in operation and maintenance of Coiled tubing Unit in oil/gas wells.

#### 3) <u>NITROGEN PUMPER OPERATOR:</u>

i. Shall be science graduate/engineering diploma holder or equivalent, with sound health and have minimum of 03 years of work experience in operation and maintenance of Nitrogen Pumping Unit in oil/gas wells.

OR

Shall be High School or equivalent passed with sound health, must have minimum of 05 years of experience in operation and maintenance of Nitrogen Pumping Unit in oil/gas wells.

- ii. Should be capable of writing and speaking English.
- iii. Should be conversant with well control methods to take independent decisions in case of well emergencies.

#### 4) FLUID PUMPER OPERATOR:

(i) Shall be high school passed and ITI certificate holder or equivalent, with sound health and have minimum of 03 years of work experience in operation and maintenance of Fluid Pumping Unit in oil/gas wells.

OR

Shall be High School or equivalent passed with sound health, must have minimum of 05 years of experience in operation and maintenance of Fluid Pumping Unit in oil/gas wells.

- ii. Should be capable of writing and speaking English.
- iii. Should be conversant with well control methods to take independent decisions in case of well emergencies.

#### 5) ASSTT. OPERATOR FOR EQUIPMENT:

- (i) Shall be high school passed and ITI certificate holder or equivalent, with sound health and have minimum 03 years work experience in operation and maintenance of Coiled Tubing Unit, Nitrogen Pumping Unit and Fluid Pumping Unit in oil and gas wells.
- (ii) Preferably should be capable of writing and speaking English and local language.

### 6) WORK MANAGER ACIDIZATION:

i) Shall be engineering graduate or equivalent with sound health and shall have minimum of 5 years of work experience in E&P business out of which 03 years experience in Well Stimulation Service

OR

Shall be Engineering Diploma holder with sound health and shall have minimum of 7 years of work experience in E&P business out of which 03 years experience in Well Stimulation Service Shall be well conversant with operation, maintenance of equipment deployed and safety precaution to be followed during the operation of the equipment.

- ii) Shall be capable of designing, executing and evaluating the acidization job.
- iii) Shall be well conversed with all applicable Indian/International laws, act, regulation pertinent to Safe and pollution free Oil Field practice.
- iv) Shall have good skill in writing and speaking English.

### 7) ACIDIZING SUPERVISOR:

- i) Shall be of sound health and have minimum of 03 years of work experience in Well stimulation service.
- ii) Shall have sound knowledge on chemicals used in acidization job and experience in handling acid and other chemicals.
- iii) Shall be capable of writing and speaking in English.
- iv) Shall be capable of taking up the overall responsibility of the field operation.
- v) Knowledge of Minimum Oil Field Safety and pollution regulations.

#### 8) ACIDIZING OPERATOR:

- a. Shall be of sound health and have minimum of 03 years of work experience in Well stimulation service
- b. Shall be capable of writing and speaking English.
- c. Shall be conversant with well control methods to take independent decisions in case of well emergencies.
- d. Technician
  - ➤ Shall be of sound health and have minimum of 03 years of work experience in maintenance of Well stimulation equipment
  - > Shall be capable of writing and speaking in English and local language.

#### NOTES:

- i. An undertaking from all the personnel as per Performa (Annexure-II) should be forwarded after deployment of manpower prior to mobilization.
- ii. Regarding educational qualification and experience of the key personnel, the Contractor shall substantiate their claim with valid educational and experience certificates.
- iii. For degree/ diploma/certificate/ standards awarded by any Educational Institutes other than Indian Institutes, the Contractor shall furnish a brief description about the educational system of that country.
- iv. The personnel deployed by the Contractor should comply with all the safety norms applicable during operation.
- v. For driving the vehicles/units on road, the Contractor shall ensure that the driver possesses necessary valid and proper licenses conforming to Indian Motor Vehicle Act.

#### vi. Medical Fitness:

The Contractor shall ensure that all of the Personnel deployed under the contract shall have had a full medical examination from qualified and registered doctor in accordance with accepted medical standards prior to commencement of the Well Servicing Operation.

#### vii. 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 or

- equivalent 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.

#### viii. Personnel should be versed in firefighting, gas testing etc.

- ix. Overall Supervisor shall co-ordinate day to day operations smoothly and in professional manner. He shall visit Company's representative office every day for taking necessary instruction for the operation.
- x. Contractor should deploy other personnel which shall include drivers, security men, (both at well site and camp site), services of unskilled labour.
- xi. On/off duty details of well servicing and associated service personnel should be indicated.
- xii. Employment of personnel other than key persons shall be at the discretion of the contractor to run all operations at work site and camp successfully.
- xiii. The Contractor shall forward the list of personnel deployed along with bio-data / qualification/ experience / track record of the personnel prior to mobilization of the equipment with all supporting documents. Any additional manpower deployed by the Contractor shall be at the expense of the Contractor.
- xiv. The age of the key personnel except Overall Supervisor should not be more than 50 (fifty) years.
- xv. 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 experience as indicated above. Moreover, the Contractor will have to obtain prior approval from the Company for the relief personnel of the Contractor at least 2 (two) days in advance.
- xvi. 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 within Ten (10) days for personnel of Indian origin and Twenty-one (21) days for foreign residents. The deported personnel shall be allowed to continue the job till the replacement arrives with the discretion of the Company.
- xvii. All charges for personnel are included in Day rates. No separate charges shall be payable for the personnel deployed.

#### 13. WASTE MANAGEMENT:

All-out effort shall be put by the bidder to protect the environment from any kind of pollution arising out of Acidization treatment. The equipment, material etc. used for the purpose shall be of environment friendly in nature as far as possible. Noise level of the equipment used for Acidization shall be within the limit of 90 db. The bidder shall design the acid job in such a way that the amount of waste is kept at its minimum. Spent or Unspent acids, reaction products and other chemicals exposed to the surface shall be neutralized with proper neutralizing agent. Neutralization

tests are to be conducted by the bidder to ensure complete neutralization. Samples of the acids and chemicals are to be tested at the Field Lab by the bidder and certified. The certificates are to be submitted to the Company.

Most of the wells will have their own effluent pit. The bidder has to neutralize the total volume of the return acid plus with proper neutralizing agent in tanks of the bidder and after proper neutralization test dispose the same from tank in the effluent pit. The bidder has to confirm the results of the neutralization test with Company representative before dispose to effluent pit. A safety sign board is also to be made and grouted inside the fence.

# 13.1 MONITORING & PERFORMANCE EVALUATION AND GENERATION OF REPORTS:

- i) The bidder shall monitor and evaluate the effectiveness of the acid treatment in different stages of operation. The following primary requirements shall be included by the bidder in their Monitoring & evaluation process:
- Pressure monitoring during injection
- Flow back sample analysis
- Production or Injection Rate comparison before and after the acid treatment and analysis of various other parameters.
- Well Test analysis (Skin removal)
- Payout and ROI (return on investment)
- ii) The acidization set shall be equipped with on-site, real-time data acquisition and evaluation system to acquire and analyze the data in the well site itself. The unit shall be compatible with Microsoft Operating System and shall be capable of providing all the real time data and transferring necessary files in a commercially available pen-drive or CD.
- iii) Unspent acid compositional analysis shall be carried out by the contractor to shed light on the performance of the acid job.
- iv) Comparison of production rates for production well will be the ultimate yardstick for performance evaluation. The company will monitor and record the relevant production data pre and post treatment and the same will be furnished to the bidder for further analysis. The bidder shall prepare a data sheet in regards to production rate comparison and the company will try to furnish the same in that format.
- v) Post-stimulation well testing has been suggested to determine the pretreatment and post treatment skin values preferably identifying damage skin. The bidder shall prepare a plan of such testing in consultation with the company. Role and responsibility of both the parties shall be worked out at the time of planning the job.

All well data will be provided nearer the time and after consultation with the bidder the job will be executed.

vi) Evaluation of payout and Return on Investment (ROI) for individual wells as well as a group of certain number of treated wells shall be carried out by the bidder.

Necessary cost and return input needed for the exercise shall be provided by the company.

vii) The bidder shall keep a record of all the parameters evolved during the abovementioned process and generate a comprehensive report covering the following minimum aspects:

- Acidization Program
- Work plan specifying amount of acids and other chemicals to be used in various stages, planned pumping pressure, pumping rate, retention time etc.
- Recording of Observations and parameters at the time of actual field operations
- Post treatment performance evaluation
- Suggestions for future course of action if any.

viii) The bidder shall submit the report to the company in hard copies (3 copies each) as well as in soft copies. If the data gathered during the process of acidization is large in volume the bidder may submit the same in storage device like CD etc.

#### 14.0 SUCCESS OF THE ACIDIZATION JOB:

An acidization job will be termed as "successful" job if a minimum 80% of the designed treated volume agreed upon by the contractor and OIL is pumped into that particular well. The designed treated volume shall comprise of chemicals, consumables, additives etc. for well bore cleanout, acid preflush, low strength main acid, high strength main acid and overflush.

Any unsuccessful job would result in no payment for operating day rate charge, cost of chemicals, additives, consumables etc. for that job. Payment will be as per contract terms which is mentioned in the schedule of rates based on actual consumption. Bidder shall not be held responsible for incomplete pumping for any problem in the well.

#### 15.0 HEALTH, SAFETY & ENVIRONMENT (HS&E) POLICY:

The Bidder must have an own well defined HS&E policy to realize the highest achievable safety standards of work safety and health and protecting the environment. The policy shall be adaptable to complying all local, state and industry regulations & standards relating to Health, Safety and Environment.

OIL has also an HS&E policy in place covering different applicable industry standards and regulations. Moreover, the policy is guided by the statutory and Government directives.

The bidder shall make a comprehensive HSE policy in consultation with OIL complying local and state regulations for storage, transportation and handling of hazardous chemicals and operation at well site. The comprehensive HSE policy shall be in place and signed by OIL and the bidder 30 days before the starting of the 1st acid job.

#### II) SPECIAL CONDITIONS OF CONTRACT

#### 1.0 ASSOCIATION OF COMPANY'S PERSONNEL:

- **1.1** Company may depute more than one representative to act on its behalf for overall co-ordination and operational management at location. Company's representative shall have the authority to order any changes in the scope of work to the extent so authorised and notified by the Company in writing. He shall liaise with the Contractor, monitor the progress so as to ensure the timely completion of the jobs. He shall also have the authority to oversee the execution of jobs by the Contractor and to ensure compliance of provisions of the contract.
- **1.2** There shall be free access to all the equipment of the Contractor during operations and idle time by Company's representatives for the purpose of observing / inspecting the operations performed by Contractor in order to judge whether, in Company's opinion, Contractor is complying with the provisions of the contract.

#### 2.0 PROVISION OF PERSONNEL AND FACILITIES:

- **2.1** The Contractor shall provide qualified and experienced personnel for the services as per provision of this contract. All the personnel offered must have adequate experience in respective field and at least the key personnel should be fluent in English language. On Company's request, Contractor shall remove and replace at his own expense, any of their personnel whose presence is considered undesirable in the opinion of Company. The Contractor shall provide the supporting staff at their own expenses. Documentary evidence, identity cards etc. shall be submitted by the Contractor in support of the bio-data against which Company's representative will certify completeness of mobilization of the Contractor for start of operations.
- **2.2** The Contractor shall be responsible for, and shall provide for all requirements of their personnel, and of their sub-contractor, if any, including but not limited to their insurance, housing, medical services, messing, transportation (both air and land transportation), vacation, salaries and all amenities, termination payment and all immigration requirement and taxes, if any, payable in India or outside at no charge to the Company.
- **2.3** The Contractor's representative shall have the entire power requisite for performance of the work. He shall liaise with the Company's representative for the proper co-ordination and timely completion of the job and on any other matters pertaining to the job.
- **2.4** Contractor will arrange transportation of their equipment/tools and personnel to and from well site at their cost.

#### 3.0 **CONSEQUENTIAL DAMAGE:**

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 of 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.

#### **4.0 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.

#### **5.0 POLLUTION OR CONTAMINATION:**

- **5.1** Company agrees that Contractor shall not be responsible for and Company shall indemnify and hold Contractor its agent, servants, officers and employees harmless from any liability, loss, cost or expense for loss or damage from pollution or contamination arising out of or resulting from any of Contractor's services / operations unless such pollution or contamination is caused by Contractor's wilful misconduct or gross negligence.
- **5.2** Notwithstanding anything to the contrary contained herein, it is agreed that Company shall release, indemnify and hold Contractor and its Sub-contractors harmless from any and all claims, judgments, losses, expenses and any costs related thereto (including but not limited to Court costs and 'Attorneys fees) for:
- a) Damage to or loss of any reservoir or producing formation
- b) Damage to or loss of any well
- c) Any other subsurface damage or loss, and
- d) Any property damage or loss or personal injury or death arising out of or in connection with a blowout, fire explosion and loss of well control regardless of cause.

#### **6.0 MOBILISATION PERIOD:**

- **6.1 INITIAL MOBILIZATION:** The successful bidder must be able to mobilize their personnel, all equipment, tools, spares and all other necessary materials required for carrying out the intended jobs within ninety (90) days from the date of issue of LOA by the Company.
- **6.2 SUSEQUENT MOBILIZATION:** The successful bidder must be able to mobilize their personnel, all equipment, tools, spares and all other necessary materials required for carrying out the intended jobs within FIVE (5) days from the date of issue of mobilization notice by the Company against each call.
- **6.3** The successful bidder, following award of the contract and mobilization of the crew and equipment, will be required to provide services as and when required as desired by Company on call-out basis in line with the scope of work.

### Annexure-III

17	Page No.7, Part II, Clause 8.0 of Instruction to Bidders	<b>Currencies of bid and payment</b> : As this is a tender involving only Indian bidders (Local Competitive Bidding) the currency of the bid must be in Indian Rupees only and payment will be made accordingly in Indian Rupees.	Currencies of bid and payment: 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.  Bidders can submit their bids in any currency (including Indian Rupees) and receive payment in such currencies. However, currency once quoted will not be allowed to be changed.
18	Page no. 11, Part II, Clause 21.0 of Instruction to Bidders	CONVERSION TO SINGLE CURRENCY: Not Applicable.	<b>CONVERSION TO SINGLE CURRENCY:</b> 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.
19	Page no. 12, Part II, Clause 22.3 of Instruction to Bidders	EXCHANGE RATE RISK: Not Applicable.	<b>EXCHANGE RATE RISK:</b> 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.

# FORM OF PERFORMANCE BANK GUARANTEE FOR ULTIMATE PARENT/SUPPORTING COMPANY

То
M/s OIL INDIA LIMITED (OIL)
C&P Department
Rajasthan Fields, INDIA, PIN-342005
WHEREAS
Further, M/s
AND WHEREAS we have agreed to give the "ULTIMATE PARENT/SUPPORTING COMPANY", such a Bank Guarantee; NOW THEREFORE we hereby affirm that we are Guarantors on behalf of the "ULTIMATE PARENT/SUPPORTING COMPANY", 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 / ULTIMATE PARENT/SUPPORTING COMPANY 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 there under or of any of the Contract documents which may be made between you and the Contractor shall in any way

The Bank Guarantee issuing bank branch shall ensure the following:

- a. The Bank Guarantee issued by the bank shall be routed through SFMS platform as per the following details:
- i) "MT 760/MT 760 COV" for issuance of bank guarantee.
- ii) "MT 760/MT 767 COV" for amendment of bank guarantee.

The above message/intimation shall be sent through SFMS by the BG issuing bank branch indicating the Tender No. CJI6013P21 to State Bank of India, High Court Branch, Jodhpur-342001

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

# PARENT/ULTIMATE PARENT/HOLDING COMPANY'S CORPORATE GUARANTEE TOWARDS FINANCIAL STANDING (Delete whichever not applicable)

(TO BE EXECUTED ON COMPANY'S LETTER HEAD)

#### DEED OF GUARANTEE

DEED OF GUARANIEE
THIS DEED OF GUARANTEE executed at this day of by M/s (mention complete name) a company duly organized and existing under the laws of (insert jurisdiction/country), having its Registered Office at
WHEREAS
M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their Tender No for and M/s (Bidder) intends to bid against the said tender and desires to have Financial support of M/s [Parent/Ultimate Parent/Holding Company(Delete whichever not applicable)] and whereas Parent/Ultimate Parent/Holding Company(Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the Financial support as required by the bidder for qualifying and successful execution of the contract, if awarded to the bidder.
Now, it is hereby agreed by the Guarantor to give this Guarantee and undertakes as follows:
1. The Guarantor confirms that the Bidder is a 100% subsidiary of the Guarantor.
2. The Guarantor agrees and confirms to provide the Audited Annual Reports of any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.
3. The Guarantor have an annual financial turnover of minimum <b>INR</b> (or equivalent <b>USD</b> ) during any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.
4. <b>Net worth</b> of the Guarantor is positive for preceding financial/ accounting year.
5. The Guarantor undertakes to provide financial support to the Bidder for executing the project/job, in case the same is awarded to the Bidder.
The Guarantor represents that:
(a) This Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the

(b) The liability of the Guarantor, under the Guarantee, is limited to the 50% of the annualized contract price entered between the Bidder and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Bidder.

warranty obligations) awarded to the Bidder.

- (c) This Guarantee has been issued after due observance of the appropriate laws in force in India.
- (d) This Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of New Delhi, India.
- (e) This Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.
- (f) The Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

For and on behalf of For and on behalf of

(Bidder) (Parent/Ultimate Parent/Holding

Company(Delete whichever not

applicable)

Witness: Witness:

1.

2.