

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan, Pin – 786602
Dist-Dibrugarh, Assam

CORRIGENDUM NO. 7 DATED 28.11.2018 TO E-TENDER NO. CDG9218P19 for 'Hiring of Integrated Service of Modular Injection Facility & Supply of Chemicals for a Pilot Polymer Flooding EOR Project in Nahorkatiya Field of Oil India Limited for a period of 02 (Two) years with a provision of extension by another 01 (One) year.

This Corrigendum is issued to notify the following changes:

1. Please take note of the newly uploaded document in the "AMENDMENTS" folder in E-portal as under:
 - OIL's reply to Pre-Bid Query (Revised)

All others terms and conditions of the Bid Document remain unchanged. Details can be viewed at www.oil-india.com.

Pre-bid meeting discussion points

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
1	<p>10. ii) Page 113-</p> <p>In case of wells shut for any operational reason of OIL, then only hiring charges for equipment on pro-rata basis will be paid and in case of any shut down on account of the contractor, necessary penalty clause will be applicable</p>	<p>Shutdown of operations on account of non-compatibility of the selected Polymer (3040S) with the reservoir, should not be put on contractors account. Contractor is not responsible for the polymer design/selection.</p> <p>The clause should be applicable for the operation of the equipment and personnel provided by the Contractor</p>	<p>Contractors cannot be held responsible for the incompatibility of the polymer to the formation/reservoir or inability of the reservoir to accept the volume and design of the polymer, which is being pre-selected by OIL.</p>	<p>This Clause shall be governed as per NIT.</p>
2	<p>12.1 Page 92- Polymer Preparation</p> <p>The polymer powder stored in the silo will be transferred by the vertical screw and processed through the polymer slicing unit system to be mixed with water at a concentration as decided by the bidder before dilution to the desired ppm. This will be the polymer mother solution. The specific polymer slicing unit size shall be chosen to meet the design through-put of the project.</p>	<p>The polymer dispersion technologies vary from company to company.</p> <p>OIL is asking for a specific dispersion technology (Vertical Screw and polymer slicing).</p>	<p>The design of the dispersion unit should be under contractors' SOW.</p> <p>OIL should state the objective and end result expected. The clause is very specific and if bidders have slightly different process of achieving the same result, the bidders offer may be rejected.</p>	<p>Clause to be amended as slicing/dispersion unit. Vertical screw to be omitted.</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
3	<p>2.0 MOBILIZATION</p> <p>Page 108</p> <p>Contractor shall mobilize complete set of equipment/materials/personnel at site within 90 days from the date of issue of mobilization Notice (After Issuance of Letter of Award) by Company. The contractor shall give at least 15 days or lesser period as mutually agreed, prior notice to OIL of its Plan to mobilize the unit to the site.</p>	<p>90 days mobilization should be changed to 150 days mobilization.</p> <p>This point was already conveyed to OIL during EOI presentation in December 2017.</p>	<p>90 days mobilization time is very low and only allows companies with equipment sitting idle to participate in this bid. Bidders who have to manufacture new equipment will not be able to bid.</p>	<p>The mobilization period has been amended to 150 days.</p>
4	<p>14.1 ii) pt. 4 page 97</p> <p>Contractor's Scope of Work-</p> <p>Supply of Polymers and other chemicals Laboratory studies for the polymer injection has been carried out by OIL on Flopaam-3430S, for which concentration of 500 ppm shall be required for achieving viscosity of 25 cP at 250 C at shear rate of 10 s⁻¹ . However, this concentration may vary in case of other polymer for achieving the required viscosity.</p>	<p>OIL should share with the bidders the results of the laboratory tests FLOPAAM 3430 S to give the bidders a chance to evaluate the Polymer with respect to the Reservoir data provided by OIL to check compatibility of the same</p>	<p>NIL</p>	<p>The bidder has been clarified.</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
	<p>13. Quality control and Monitoring</p> <p>13.1 Online Meters</p> <p>Pt. V. Online Viscosity meter</p> <p>Page 93</p> <p>Online meters will be installed by the operator at appropriate locations, with adequate redundancy and spare backups as advised by OIL to check the following parameters:</p> <ul style="list-style-type: none"> i. Iron content ii. Dissolved Oxygen content iii. Hardness (Ca²⁺, Mg²⁺) iv. TSS content v. Viscosity of the polymer solution vi. Injection rate <p>The above list of online meters required for (i-iv) is neither exhaustive nor limited. It may vary as per operator's water treatment plan. Online meters required for points v & vi above are mandatory to check the quality of the polymer solution and injection rate with proper dosing and to be installed by the operator at suitable locations as advised by OIL [Refer to section 10.1 'Indicative PFD']. Online meters for DO (ii) will also be installed at dispatch line of polymer injection pump, if DO removal strategy is</p>	<p>Online viscosity meter on the markets are not accurate, will not be able to reach +/- 5%. We suggest to use sampling test on daily basis, OIL can have people come to do random check from time to time and it is better and more accurate than online meter. OIL also can take random samples of all the chemicals in stock for quality control.</p>	<p>If OIL is able to provide specific brand and model of Online Viscosity Meters, then we can procure the same.</p>	<p>This Clause shall be governed as per NIT.</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
	<p>adopted by the operator. Online viscometer reading at the dispatch line of the polymer solution injection pump must give consistent viscosity reading ($\pm 5\%$ of the original or initial viscosity of the offered polymer dose by the operator/supplier) at surface conditions (Temperature and Injection Water). Appropriate alarm shall be provisioned by the contractor to indicate more than $\pm 5\%$ deviation from the original viscosity.</p>			
5	<p>1.0 MOBILIZATION CHARGE: Pt. 1.5 Page 125</p> <p>The Mobilization charge should not be more than 5% of the total contract value. In the event of the contractor quoting Mobilization charge above 5% of the total contract value, only 5% of the contract value will be paid after successful completion of the mobilization and the remaining amount will be paid after successful completion of the contract.</p>	<p>The mobilization payment for this project should be increased to a minimum of 20% of the contract value. The payment is being made after equipment and chemicals are mobilized and not as an advance. OIL will be able to verify that equipment and consumables have been mobilized before releasing this payment.</p>	NIL	The bidder has been clarified.
6	<p>2.0 (xi), Forwarding</p> <p>page-2</p> <p>90 (Ninety) days from the date of issue of LOA.</p>	<p>We would request you to revise the mobilization time to 150 days from the date of issuance of letter of award</p>	NIL	The mobilization period has been amended to 150 days.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
7	Part-2, 1.1.2 (iii) Page-31 The Bidder/Vendor/Contractor/Service Provider should be in a position to start mobilization of their resources at site to take up the assignment in the event of a contract within 90 (Ninety) days from the date of issue of mobilization Notice (After Issuance of Letter of Award) by Company. The Bidder/Vendor/Contractor/Service Provider is required to submit a declaration in this regard.			
8	Section-I, 2.2, Page 56 MOBILISATION TIME: The mobilization of equipment, personnel etc. should be completed by Contractor within 90 days from the date of issue of mobilization Notice after issuance of LOA. Mobilization shall be deemed to be completed when Contractor's all equipment and manpower are placed at the nominated site and in readiness to commence Work as envisaged under the Contract duly certified by the Company's authorized representative.			
9	Part -2, BEC, clause -1.3.1 , page-32 1.3.1 Single Bidder: i) In case of single bidders, they shall satisfy the minimum requirements as mentioned in Para 1.1.2 i), ii) and iii) above. ii) Additionally, the bidder must have experience of:	In case of bidding in technical collaboration, all the criteria specified in this clause shall be met through experience of technical collaborator. Kindly clarify		The bidder has been clarified. Party has been asked to follow the NIT.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
	<p>a) Installation of skid based/fixed polymer injection facilities for the job as mentioned in the Notes to BEC Clause 1.1.2 ii) above.</p> <p>b) Operation and Maintenance of polymer injection facilities with minimum pumping capacity of 400 m³/day of polymer for at least cumulative period of 02 (Two) years (any overlapping periods in contracts shall be counted as single period only) for oil/gas industry during the last seven (07) years from the date of techno-commercial bid opening.</p>			
10	<p>Part -2, BEC, clause -1.3.3 (b), page-34 Also, the Indian Company/Indian Joint Venture Company who does not meet the minimum pre-qualifying criteria as per clause No. 1.1.2 i), ii) and iii) may also submit the bid on the strength of Technical Collaborator/Joint Venture Partner. The Technical Collaborator/Joint Venture Partner shall fulfil all the technical criteria mentioned in the SOW. However, the Primary Vendor/Contractor/Service Provider shall have to meet the financial criteria mentioned in Clause Nos. No 1.2.1 & 1.2.2. The Joint Venture Partner/Technical Collaborator (who can either be an Indian or Foreign company) having a stake of at least 26% in the Joint Venture Company should meet the experience criteria as stipulated in Para 1.1.2 i), ii) and iii) of this tender on its own</p>	<p>In standard business concept , the technical collaborator is not a stake holder of the business of primary bidder. Moreover, it is not mandatory to hold stake by technical collaborator in business of primary bidder. So, we would request you to amend this clause as specified below for better clarity:</p> <p><i>(b) Also, the Indian Company/Indian Joint Venture Company who does not meet the minimum pre-qualifying criteria as per clause No. 1.1.2 i), ii) and iii) may also submit the bid on the strength of Technical Collaborator/Joint Venture Partner. The Technical Collaborator/Joint Venture Partner shall fulfil the pre-qualifying criteria as per clause No. 1.1.2 i), ii) and iii) and all the technical criteria mentioned in the SOW. However, the</i></p>	NIL	The bidder has been clarified.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
	<p>and cannot rely on any other arrangement such as Consortium or Supporting Company of the JV Partner for meeting the technical experience criteria. An undertaking [Annexure-6] from the bidder that during the execution of the project, the Joint Venture Partner/Technical Collaborator, on whose experience the bid has been qualifies, will provide the respecting service/supply during the actual execution of the project</p>	<p><i>Primary Vendor/Contractor/Service Provider shall have to meet the financial criteria mentioned in Clause Nos. No 1.2.1 & 1.2.2.</i></p> <p><i>The Joint Venture Partner (who can either be an Indian or Foreign company) having a stake of at least 26% in the Joint Venture Company should meet the experience criteria as stipulated in Para 1.1.2 i), ii) and iii) of this tender on its own and cannot rely on any other arrangement such as Consortium or Supporting Company of the JV Partner for meeting the technical experience criteria. An undertaking [Annexure-6] from the bidder that during the execution of the project, the Joint Venture Partner/Technical Collaborator, on whose experience the bid has been qualifies, will provide the respecting service/supply during the actual execution of the project</i></p> <p>Moreover, the " Annexure-6" is missing in the bid document. Need to incorporate with the bid document.</p>		
11	<p>Part -2, BEC, clause -3.2 ,page-37 For conversion of foreign currency into Indian currency for evaluation of Bids, B.C. selling (Market) rate declared by State Bank of India, kolkata CAG branch, one day prior to the date of price bid opening shall be considered. However, if the time lag</p>	<p>The following line should be incorporated with this clause:</p> <p>In case the one day prior to price bid opening is sunday/public holiday, the BC selling (market) rate declared by SBI on the date of priced bid opening will be</p>	NIL	The bidder will be clarified.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
	between the opening of the bids and final decision exceeds 03 (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.	considered. or to address the above concern suitably in the tender		
12	Section-II, Clause-14.1(i) 36 page-36 Obtaining necessary approvals/permissions etc. from various regulatory/state/central govt. authorities, related to execution of works under the scope of work. Company's responsibility shall be limited to providing any recommendation letters. OIL shall only sign the relevant application forms (as owner) on a request from the Contractor after due verification of pre-requisites. All liasoning works between various agencies for obtaining necessary statutory approvals/Clearances/permissions shall be in Contractor's scope.	Kindly confirm type/area/description of approvals/permissions etc. from various regulatory/state/central govt. authorities require to be obtained, related to execution of works under the scope of work	NIL	The bidder has been clarified.
13	Section-I, GCC, 18.1, Page-71 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 at the rate of 0.5 % of the Total contract value per week or part thereof of delay subject to maximum of 7.5% of the Total contract value. Liquidated Damages will be reckoned from the date after expiry of the scheduled mobilisation period till the	We would request you to amend these clauses considering the liquidated damages at the rate of 0.5 % of the Annualized contract value per week or part thereof of delay subject to maximum of 7.5% of the Annualized contract value.	NIL	This Clause shall be governed as per NIT.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
	date of commencement of Operation as defined in Clause No. 2.0 of Section - I.			
14	Section-III, SCC, 7.0 (d) page. 111 d) Penalty @ 0.5% of Total contract value, per week or part thereof of delay subject to maximum of 7.5% will be imposed for delay in mobilization.	We would request you to amend these clauses considering the liquidated damages at the rate of 0.5 % of the Annualized contract value per week or part thereof of delay subject to maximum of 7.5% of the Annualized contract value.		This Clause shall be governed as per NIT.
15	Section-III, SCC, 2.0 Page-108 MOBILIZATION Contractor shall mobilize complete set of equipment/materials/personnel at site within 90 days from the date of issue of mobilization Notice (After Issuance of Letter of Award) by Company. The contractor shall give at least 15 days or lesser period as mutually agreed, prior notice to OIL of its Plan to mobilize the unit to the site. Mobilization will be completed after inspection of all equipment and manpower at nominated site and when the contractor is ready to undertake operation(s) in all respect, to the satisfaction of OIL's inspection team. Contractor shall issue a Notice of Readiness for Inspection to the Company.	Kindly amend this clause as follows: Contractor shall mobilize complete set of equipment/materials/personnel at site within 150 days from the date of issue of mobilization Notice (After Issuance of Letter of Award) by Company. The contractor shall give at least 15 days or lesser period as mutually agreed, prior notice to OIL of its Plan to mobilize the unit to the site. Mobilization will be completed after inspection of all equipment and manpower at nominated site and when the contractor is ready to undertake operation(s) in all respect, to the satisfaction of OIL's inspection team. Contractor shall issue a Notice of Readiness for Inspection to the Company. Company shall inspect the Contractor's		The mobilization period has been amended to 150 days and rest shall be as per NIT.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
	<p>Company shall inspect the Contractor's Equipment within 07 (Seven) days from the receipt of the Contractor's Notice of Readiness for Inspection.</p> <p>If the Company fails to inspect the Contractor's Equipment within 07 (Seven) days from the receipt of Notice of Readiness for Inspection, the Contractor's Equipment shall be deemed fit to be mobilized.</p>	<p>Equipment within 05 (Five) days from the receipt of the Contractor's Notice of Readiness for Inspection.</p> <p>If the Company fails to inspect the Contractor's Equipment within 05 (Five) days from the receipt of Notice of Readiness for Inspection, the Contractor's Equipment shall be deemed fit to be mobilized</p>		
16	<p>Section-III, SCC, 7.0 (b) page No. 111</p> <p>The contractor has to man the Polymer injection facility operating area on 8/12 hourly shift basis. If at any point of time the operating area is found unmanned, penalty @ 30% of Daily Rental plus Operating charges in addition to zero rental i.e., zero hiring charges of equipment per day for the said period will be imposed.</p>	<p>Kindly clarify, The word " UNMANNED" means non-availability of entire personnel as site or non-availability of one category of personnel at site.</p> <p>Kindly amend the clause clearly incorporating all details .</p>		The bidder has been clarified.
17	<p>Section-IV, 1.5 Page 125</p> <p>The Mobilization charge should not be more than 5% of the total contract value. In the event of the contractor quoting Mobilization charge above 5% of the total contract value, only 5% of the contract value will be paid after successful completion of the mobilization and the remaining amount will be paid after successful completion of the contract.</p>	<p>The restriction for mobilization charge should be 7.5% of the total contract value as other tenders of Oil India Limited</p>		This Clause shall be governed as per NIT.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
18	<p>Section-IV, 3.0 Page 126</p> <p>3.0 DAILY RENTAL CHARGE FOR EQUIPMENT: The DAILY RENTAL CHARGE FOR EQUIPMENT shall be payable under the following conditions:</p> <p>3.1 Contractor's equipments are defect free and ready to undertake polymer flooding job.</p> <p>3.2 All the equipment under the contract is available for the day. If there is any equipment not available in operating condition, Daily Rental Charge for that day shall not be paid, if due to non-functioning of that equipment, continuous polymer injection is interrupted. Contractor must ensure adequate redundancy for uninterrupted operation.</p> <p>3.3 Daily rental charge must be within 50% of the operating day rate.</p> <p>3.4 During Interim demob/remob no daily rental charge shall be payable.</p>	<p>Kindly amend these clauses considering the following:</p> <ol style="list-style-type: none"> 1. Daily rental charge must be within 75% of the operating day rate. 2. During Interim demob/remob of manpower the daily rental charge shall be payable 		To be clarified to the bidders.
19	<p>Section-IV, 4.6, Page 127</p> <p>If injectivity revival or any other job is taken up in one injector and polymer injection continues in the other injector (due to some reasons & not covered by Interim Mob/Remob clause 5), 50% of the operating day rate shall be paid.</p>	<p>The Operation & maintenance cost irrespective of nos. of injector in this particular case will be same and hence full operating day rate should be applicable.</p>		NA

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
20	<p>Section-IV, 5.4, Page 127 Interim De-Mobilisation & Re-Mobilisation charges will be applicable once interim demobilisation notice is issued. The charges shall be payable on lump sum. No Charges except 'INTERIM DEMOBILISATION and INTERIM MOBILISATION CHARGES' will be applicable once interim demobilisation notice is issued till interim Re-Mobilisation is completed. Interim mobilisation shall be completed within 07 days of issuance of interim Re-Mobilisation notice. If interim Re-Mobilisation notice is not served by OIL within 60 days of issuance of interim demobilisation notice, then it will be deemed to be De-mobilized completely.</p>	<p>As this is Interim De-mobilization & Re-mobilization of Manpower, not for equipment or facilities, so kindly amend the clause suitable considering the following: 1. Daily Rental Charge for Equipment during the period of interim demobilization of manpower will be applicable. 2. The provisions " If interim Re-Mobilisation notice is not served by OIL within 60 days of issuance of interim demobilisation notice, then it will be deemed to be De-mobilized completely. should be deleted from this clause, else compensation towards early termination of the contract to be provisioned.</p>		<p>The bidder has been clarified that the "deemed demobilization" will be considered after completion of 60th day of interim demobilization notice</p>
21	<p>Section-IV, clause 6.0 page no 127 COST OF POLYMER The item covers the cost of the polymer for the polymer flooding job. The contractor shall estimate and submit the requirement of the polymer including their unit cost and total price. Payment for the polymer shall be made on the basis of actual consumption jointly certified by Company representative and work manager/authorized representative of the Contractor or the quoted price whichever is less. Company reserves the right to question the adequacy/correctness of the consumed amount of the polymer.</p>	<p>The highlighted area should be amended as follows: Payment for the polymer shall be made on the basis of actual consumption jointly certified by Company representative and work manager/authorized representative of the Contractor.</p>		<p>Bidder's understanding is correct. Clause to be amended.</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
22	General Queries for clarification	1. We understand that the entire Piping/injection lines complete with all requisite fittings/valves etc from the Injection facilities/plant(well No NHK # 189) to the injectors will be provided by OIL in ready condition. Kindly clarify. Also please provide the specifications of the piping/injection lines like OD, ID, grade, Max pressure rating, etc.		The bidder has been clarified.
		2. Kindly confirm whether contractor to provide security at both the injection facility/plant site (NHK# 189) and Injectors site (NHK# 187) or provided by OIL.		The bidder has been clarified.
		3. Kindly provide the operating parameters of the two injection wells of Pilot 2 and Pilot 3, including at least injection pressure, injection temperature, string structure and interface size of the Christmas tree.		The bidder has been clarified.
		4. Kindly provide Geological distance between Injectors and wells under Pilot-2 and Pilot 3.		The bidder has been clarified.
		5. We understand that Proper & secure fencing/boundary around the Injection facilities/plant site(NHK#189) will be provided by OIL. Kindly confirm.		The bidder has been clarified.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
		<p>6. Kindly confirm whether Chinese National or Chinese origin with MHA clearance will be allowed to deploy under this contract.</p>		<p>The bidder has been clarified</p>
		<p>7. What is the details ionic content of water used for polymer FP 3430S of concentration of 500 ppm was required for achieving requisite performance. Please provide laboratory report of the water used earlier.</p>		<p>The bidder has been clarified.</p>
		<p>8. Whether the Bio-data of personnel to be submitted along with the technical bid.</p>		<p>This Clause shall be governed as per NIT.</p>
23	<p>Page 30/ Part 2, Caluse 1.0 Bid Evaluation Criterion 2nd Paragraph Bidders are advised not to take any exception/deviation to the Bid Documents. Exceptions/Deviations, if any, should be brought out during the Pre-Bid Conference as scheduled against this Tender. After processing such suggestions, Company may communicate the changes, if any, through an addendum to the tender document in this regard to the prospective bidders who purchased the tender document. Still, if any exceptions/deviations are maintained in the bid, such conditional/nonconforming bids shall not be considered, but shall be rejected outright.</p>	<p>Bidder may have better products and operation & maintenance system to offer, which might not be in exact alignment with the requirement. So, can the bidder submit an alternative bid as well alongwith the published bid?</p>		<p>The bidder has been clarified.</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
24	<p>Page 106/ Special Conditions of Contract clause 1.14 V)</p> <p>If the performance of the Polymer injection facility and/or quality of the polymer solution is found to be unsatisfactory, OIL reserves the right to terminate the contract with a termination notice period of 30 days. Both the performance of the plant &/or quality of the polymer will be determined as per clause 1.14 (i) above.</p>	<p>The ultimate objective of the pilot project is to assure enhanced oil Recovery. However, the performance evaluation is only for functioning of the facilities and the quality of the polymer. What are the parameters for performance evaluation of the project i.e. performance of the product injected?</p>		<p>The bidder has been clarified.</p>
25	<p>Section II</p> <p>Water injection pumps</p>	<p>whose responsibility would be to provide the water injection pumps and what are the specifications for the same?</p>		<p>Bidder's responsibility</p>
26	<p>Section II</p> <p>produced water Analysis</p>	<p>Kindly provide detailed water analysis</p>		<p>Sample will be provided by OIL.</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
27	Section II Injection water Analysis	Kindly provide detailed water analysis		Sample will be provided by OIL.
28	Section II Premeability & Porisity of the section of reservoir	the given porisity and permeability has very wide range, kindly provide the field specific details, where we are looking for the EOR - polymer flooding.		Bidder has been clarified.
29	Page 56/ General Coditions of contract, clause 2.2 MOBILISATION TIME: The mobilization of equipment, personnel etc. should be completed by Contractor within 90 days from the date of issue of mobilization Notice after issuance of LOA. Mobilization shall be deemed to be completed when Contractor's all equipment and manpower are placed at the nominated site and in readiness to commence Work as envisaged under the Contract duly certified by the Company's authorized representative.	The work involves supply and erection of plant and supply of chemicals. This work will be completed on a milestone basis. Hence, the mobilisation time line should be as per the set milestones. Vendors may provide their mobilastion timeline alongwith the bid, wherein company may suggest a minimum and a maximum timeline, however, this may be considered that 90 days time line is not sufficient to complete supply and erection of plants, with all the civil works in place.		The mobilization period has benn amended to 150 days.
30	Page 78/ General conditions of contract, clause 34.4 INVOICES: Mobilization charges will be invoiced only upon completion of mobilization. Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by Company.	The payment for mobilisation may be set as per the set milestones and completion of each milestones.		The bidder has been clarified.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
31	Part 2, point no. 1.1.2.iii - Bidder should be in position to start mobilization of their resources at site to take up the assignment in the event of a contract within 90 days from the date of issue of mobilization notice (after LOA)	It is very short time to start mobilization in 90 days for all equipment. Request to increase the mobilization time period.		The mobilization period has been amended to 150 days .
32	BEC clause 1.1.2 ii - Continuous injection of polymer solution into reservoir with minimum pumping capacity 400 m3/day for 2 years using their own injection set up along with all the required facility as mention in the scope of work	2 year injection experience is very long period, Please minimize that.		This criteria shall be governed as per the NIT.
33	Signing of BID- The bid and all attached documents should be digitally signed by the bidder using "Class 3" digital certificates with Organization's Name [e-commerce application (Certificate with personal verification and Organisation Name)] as per Indian IT Act 2000 obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India before bid is uploaded. Digital Signature Certificates having "Organization Name" field other than Bidder's Name are not acceptable. Digital Signature Certificates having Bidder's Name in the "Organization Name" field are acceptable.	DSC is in the name of authorized representative of the bidder holding a power of attorney		To comply as per NIT

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
34	<p>Section 1- General conditions of contract-point no. 10) Insurance:- 10.1 The Contractor shall arrange insurance to cover all risks in respect of their personnel, materials and equipment(except when tools/equipment are below Rotary Table or in the well bore) belonging to the Contractor or its subcontractor (if applicable) during the currency of the contract including the third party items/consumables. For materials/equipment belong to the Contractor or its sub-contractor, Contractor may self-insure the same.</p>	<p>Please confirm for insurance for equipment and tools. Document will require to submit after LOA.</p>		<p>To comply as per NIT</p>
35	<p>Section 1- General conditions of contract point no.18) LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION 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 at the rate of 0.5 % of the Total contract value per week or part thereof of delay subject to maximum of 7.5% of the Total contract value. Liquidated Damages will be reckoned from the date after expiry of the scheduled mobilisation period till the date of commencement of Operation as defined in Clause No. 2.0 of Section - I.</p>	<p>Please confirm the mobilization time, indicated 90 days are not sufficient time. Within 90 days SNF can start mobilization but cannot mobilize complete equipment and manpower at site.</p>		<p>The mobilization period has been amended to 150 days .</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
36	Section II : SOW Softening plant	Is it mandatory		Mandatory
37	Section II : SOW Iron Removal plant	Is it mandatory		Plant design to meet the NIT specification
38	Section II : SOW Filtration system for Hydrolysed polymer solution with adequate redundancy and spare backup.	Not required in SNF technology		Plant design to meet the NIT specification
39	Section II : SOW Maturation Tank with Nitrogen blanketing if required	Maturation tank required only for polymer mother solution mature, we can inject online. In SNF system it will take max 45 minute to prepare mother solution		Mother solution maturation tank and/or dilution tank as per vendor design
40	Section II : SOW High pressure Low Shear Injection pumps with booster pump as necessary (one injection pumps for each well and one common standby pump for all)	Is it mandatory		Inline high pressure low shear Standby pump is mandatory for obtaining 24 hrs of continuous service

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
41	Section II : SOW Associated civil, architectural, electrical, instrumentation, mechanical & piping works.	Please confirm the scope		Scope is with the bidder
42	Section II : SOW Vendor shall shop-assemble vessels and piping skids, complete with instrumentation, for a Factory Acceptance Test (FAT). All instrumentation and controls shall be installed and tested to ensure fit-up and proper operation prior to shipment.	OIL representative will present at the time of FAT. Who will be responsible for expense		FAT expense is in bidder's scope. Traveling and lodging of OIL team will be on OIL's account
43	Section II : SOW Obtaining necessary approvals/permissions etc. from various regulatory/state/central govt. authorities, related to execution of works under the scope of work. Company's responsibility shall be limited to providing any recommendation letters. OIL shall only sign the relevant application forms (as owner) on a request from the Contractor after due verification of pre-requisites. All liasoning works between various agencies for obtaining necessary statutory approvals/Clearances/permissions shall be in Contractor's scope.	We required attention from OIL		Bidder's understanding is correct. OIL will support wherever required.
44	Section II : SOW Security of Vendor's personnel, Equipment, materials etc. is under Vendor's scope.	We required attention from OIL		This clause shall be governed as per NIT.

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
45	<p>Section II : SOW Manpower for operations: Minimum of following manpower per shift is required for smooth operations during pilot polymer injection activity: b. Electrical, Instrumentation & Mechanical technician (qualified as per statutory requirement like DGMS etc.): Minimum qualification diploma in Engineering with 3-4 years of experience. e. Helpers for support:(Local people as far as possible)</p>	Mention point are mandatory		This clause shall be governed as per NIT.
46	<p>Section II : SOW, page no. 98 Online-Viscometer, with the provision of alarm [as mentioned in section 13.1] shall be installed at common injection header provided at the end of battery limit of the plant.</p>	Is it mandatory		<p>Online viscometer with alarm system will be installed in individual injection header (Clause to be amended in NIT). Alarm system is required as per NIT</p>
47	<p>Section II : SOW, page no. 98 Spare/stand-by meter (of the same type, make, model and design as the normal operation meter) connected in the discharge line along with the meter for operation shall be provided. The spare meter is to be isolated by valves and brought only into operation when the in line meter is found defective or non-operational.</p>	Is it mandatory		<p>Operational spares for online viscometer to be kept by the vendor as inventory.</p>

Sl.No.	Section/Clause No./Page No./Description of the clause	Bidder's Query	Bidder's Remarks if any	OIL's Reply
48	Section II : SOW, page no. 98 The flow meter of operator shall be jointly calibrated at least once in a month.	Please confirm		To calibrate the flow meter quarterly by OEM/OEM certified agency in line with clause no 13.1 of SOW of NIT
49	What is the injection brine composition oil india limited use to have 25 cps at 25°C, 10 s-1 for Flopaam 3430	Please confirm		Will be provided
50	FR measurement: is it 10 psi to be applied or 15 psi as usually recommended by Pope's lab?	Please confirm		Clause to be amended as per API RP 63
51	For second injector who will lay the pipe line from injection skid to injector	Please confirm		OIL will lay pipe line from injection facility to the injector wells.
52	Point 12.3 (page no. 92) pump design pressure shall be 3500 psi, please confirm pipe design pressure from pumps to well pads	Please confirm		OIL will provide