

**OIL INDIA LIMITED**  
**(A Government of India Enterprise)**  
**P.O. Duliajan – 786602, Assam, India**  
**Website: [www.oil-india.com](http://www.oil-india.com)**

**Corrigendum No. 3 to IFB No. CPI9480P19**

**Hiring of Services for Engineering and Project Management  
Consultancy for creation of Field Gas Gathering Station (FGGS)  
at Baghjan in Upper Assam**

1. This Corrigendum is issued to notify the following:

a) In view of queries received from bidders in matter corresponding to technical SOW, the final OIL's responses to the queries are generated. All the bidders are requested to refer to **Annexure- I** attached herewith.

b) Extension of the Bid Closing/Technical Bid Opening date as under:-

**i) Bid Closing Date & Time** : 06.12.2018, 11:00 hrs. IST.

**ii) Technical Bid Opening Date & Time** : 06.12.2018, 14:00 hrs. IST.

2. All the prospective bidders are requested to regularly visit OIL's website: [www.oil-india.com](http://www.oil-india.com) and e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for further announcements/latest information related to this tender.

3. Bidder to submit this Corrigendum No. 03 along with **Annexure – I** duly signed & stamped in all pages as token of acceptance and shall upload this document in the un-priced folder of the e- bid.

\*\*\*\*\*

**SUMMARY OF OIL’s RESPONSE TO ADDITIONAL PRE-BID QUERIES**

<b>Sl. No</b>	<b>Page No of RFP</b>	<b>Clause No.</b>	<b>Subject</b>	<b>Clarifications/Observations</b>	<b>Client’s Response</b>
1.	82/179	3.3	Basic & FEED Engg. Design	Bidder understands that Statutory Approvals shall be taken by Client. Bidder will provide technical assistance. OIL to confirm Bidder’s understanding.	Yes. However, Bidder to assist client in obtaining such approvals from the concerned bodies.
2.	80/179	3.2	Studies to be performed	Preliminary HAZOP and SIL study will be done by Bidder. Final study by EPC contractor.	Bidder’s understanding is correct.
3.	81/179	3.2	Studies to be performed	EIA study will be conducted by Bidder. However, consent for establishment of project, MOEF/ Forest approvals and other statutory clearance shall be by client.	Bidder to assist client in preparing necessary documents for the same.
4.	81/179	3.2	Studies to be performed	Bidder understands that the data for QRA study will be provided by client. Owner to confirm Bidder’s understanding.	Bidder’s understanding is correct.
5.	81/179	3.2	Studies to be performed	Bidder understands that RRA is available with Client and same shall be shared with the bidder. Owner to confirm Bidder’s understanding.	EPMC to prepare.
6.	107/179	11	Minimum Facilities.	Bidder requests Owner to confirm Cross country pipeline requirement and Pipeline length. Route Map cadastral survey data shall be provided by Owner. Statutory Approvals such as highway, roads, railway crossing has to be provided by Owner. Further Bidder requests Owner to provide the details pertaining to piggable and non piggable pipelines.	Cross country pipeline is not in the scope of this tender.
7.	80/179	3.1.37	Line item 70	Bidder will provide only commissioning assistance to client. Further, if there is any delay in stabilization of plant by EPC contractor (i.e more	Agreed.

				than 1 month) extension of time shall be provided to the bidder with adequate compensation.	
8.	77/179	3.1.16	Line item 40	<p>No separate O&amp;M contract will be prepared. O&amp;M shall be included in EPC contract. Bidder's scope will be only up to Mechanical completions. O&amp;M will be handled by Owner.</p> <p>Owner to confirm Bidder's understanding.</p>	<p>O&amp;M is a separate contract. However, the EPMC is to make the EPC and O&amp;M contract together. The EPC bidder shall bid for both EPC and O&amp;M together and the evaluation of the bid for EPC will be done based on both EPC and O&amp;M cost.</p> <p>OIL reserves the right to go for an O&amp;M contract separately before starting of project commissioning.</p>
9.	76/179	3.1.4	Line item 20	3D walkthrough model shall be prepared EPC contractor and same will be reviewed by the bidder.	3D walkthrough model shall be prepared by EPMC.
10.	107/179	11	Minimum Facilities	<p>Broad scope of work considered under EPC &amp; other contracts:</p> <ol style="list-style-type: none"> <li>1. FGGS (2X2.5 MMSCD)+ 3 MMSCD gas processing</li> <li>2. CPP</li> <li>3. Fire water network, fire water tanks.</li> <li>4. Dehydration unit</li> <li>5. Gas sweetening unit</li> <li>6. Water reservoir, 2 water storage tanks</li> <li>7. Utilities</li> <li>8. Civil works/buildings/roads etc.</li> <li>9. Cross country pipeline works shall be a separate contract.</li> <li>10. ETP shall be a separate contract.</li> <li>11. Construction of non-plant buildings such as CISF and residential building shall be separate contract.</li> </ol> <p>Owner to confirm whether Bidder's understanding</p>	<p>The entire necessary construction works shall be executed by EPC contractor. Hence, there will be one EPC contract for the entire job including all process related facilities, utilities, ETP, non-plant buildings etc.</p> <p>However, Cross country pipeline works shall be a separate contract of OIL. Laying of cross country pipeline is not In the scope of this contract.</p>

				on the execution methodology is in order.	
11.	80/179 & 102/179	3.1.37 /8	Plant commissioni ng	Bidder requests Owner to confirm whether Commissioning of plant upon expiry of 1 months of continuous operation or 3 months of continuous operation? As separate time periods are mentioned under the two clauses referred.	1 month of continuous trouble free operation.  <u>The point no. 8 (page no 102 of 179) to be read as:</u>  <b>8. Plant Commissioning:</b> Commissioning of the plant will be deemed to be complete upon expiry of 1 (one) month of continuous trouble-free operation of the plant from the date of its being put into operation/date of completion of the project and all statutory approvals for the Plant and its equipment and facilities are obtained from Statutory Bodies. The trouble free operation will include operation of the plant, its all equipment (including operation of the stand-by facilities), components, instrument, process and other by-pass systems in auto and/or manual mode (as per design) establishing all control/monitoring and shut-off systems. The above will be witnessed and recorded by OIL as well as the EPMC competent personnel.
12.	103/179	10.c	Special Clauses	EPMC will guarantee the technical parameters during defect liability parameter. However, clause no. 10.C shall be incorporated in EPC tender for EPC contractor to provide the required guarantees.	Bidder's understanding is correct.
13.				Piping Queries: 1. Owner to clarify whether 3D modelling needs to be done by the EPMC Contractor at FEED Stage for the new gathering stations and its associated facilities. If it is to be done, company to clarify specifies the	1. Walkthrough modeling based on FEED.

				<p>extent of 3D modelling required to be done.</p> <ol style="list-style-type: none"> <li>2. With reference to clause 10.8, G.A. Drawings have been listed in the list of documents to be provided. Owner to clarify whether piping GA drawing is also required at FEED stage.</li> <li>3. With reference to clause 3.3.3 of bidding document, Owner to clarify whether the contractor's specifications piping material specifications, valve material specifications shall be used for the FEED stage or the owner will provide their PMS or VMS to be followed for the job.</li> <li>4. Owner to clarify whether the details of the existing facilities such as EPS setup shall be provided to EPMC contractor at the time of FEED preparations.</li> <li>5. With reference to clause 11, minimum requirements, Owner to clarify whether new wells needs to be created under this project. If yes, company to provide the number of wells required.</li> </ol>	<ol style="list-style-type: none"> <li>2. GA drawings are required.</li> <li>3. EPMC to give PMS &amp; VMS.</li> <li>4. Yes. Relevant data will be provided.</li> <li>5. No wells will be created by the EPMC/EPC.</li> </ol>
14.				<p>Process Queries:</p> <ol style="list-style-type: none"> <li>1. Being GGS, no flow lines consideration is found in the tender and only one 40 km feed gas pipeline is to be considered. Owner is requested to kindly confirm whether bidders understanding is corrects.</li> <li>2. Refer section 12.6 future provision, as mentioned, Gas Sweetening Unit (GSU) is to be provided in future design for the same is to be provided. However, there is no H2S content mentioned in feed gas composition.</li> </ol>	<ol style="list-style-type: none"> <li>1. The installation to be constructed is a Field Gas Gathering Station (FGGS). There will be flow lines from Non Associated Gas (NAG) Wells to the installation through which the FGGS will receive its input. The feed gas from the wells will then be processed in the FGGS and the output will be sent to consumption points through the 40 Km (approx.) long pipeline. Input pipelines to the battery limit of the FGGS and output pipeline from the battery</li> </ol>

				<p>In this regard, Owner is requested to kindly clarify the following:</p> <ol style="list-style-type: none"> <li>a) Gas Sweetening Unit feed &amp; product gas specifications.</li> <li>b) Clarify the disposal routing of separated H<sub>2</sub>S &amp; CO<sub>2</sub> from proposed GSU.</li> <li>c) Whether FEED package is to be provided for GSU also.</li> </ol> <p>3. Also, as per tender section-11.0 point number 3, only space provision is to be kept for dew point reduction facility in future. In this regard, Owner is requested to kindly clarify about any consideration to be given with regard to processing &amp; storage of separated condensate, in future.</p> <p>4. Owner is requested to kindly clarify the disposal routing of separated condensate and gas to be considered within GGS battery limit.</p>	<p>limit of the installation will be constructed by OIL through other contracts and should not be included in the scope of work of the FGGS.</p> <ol style="list-style-type: none"> <li>2. Only provision and space is to be kept in the FGGS for future installation of Gas Sweetening Facilities in case of change of gas characteristics over time.</li> <li>3. Only provision and space is to be kept in the FGGS for future installation of Hydrocarbon Dew Point Reduction Facility in case of requirement. Processing and Storage of separated condensate from the Hydrocarbon Dew Point Reduction Facility is not required to be considered now. However, Water Dew Point Reduction Facility will be required to be provided in the FGGS as given in the tender.</li> <li>4. Collection facility for the separated condensate and disposal routing of separated condensate from the FGGS will be decided during the designing stage.</li> </ol> <p>Note :</p> <p>Regarding Point No. 2 of the query, please note that as per Tender, Design of sweetening facilities is also to be provided (under <b>BASIC PROCESS PHILOSOPHY: FUTURE PROVISION</b>). However, without any data on gas quality it may not be possible to carry out</p>
--	--	--	--	--	---

					the design. In our opinion, designing can be done later if and when the requirement arises.
15.	81/179	3.2	HAZOP Study	Bidder's understanding is that internal chairman can be hired for the study and the study shall be carried out at EPMC Office. Owner to confirm bidder's understanding.	Bidder's understanding is correct.
16.	81/179	3.2	QUANTITATIVE RISK ANALYSIS (QRA)	Bidder's understanding is that internationally accepted software "SAFETI" by DNV can be used for carrying out the QRA Study. Study shall be desktop study from EPMC office. Owner to confirm Bidder's understanding.	Bidder's understanding is correct.
17	81/179	3.2	SIL Study	Bidder's understanding is that internal chairman can be hired for the study (if they have requisite certification) and study shall be carried out at EPMC office. Owner to confirm bidder's understanding.	Bidder's understanding is correct.
18.	81/179	3.2	ESCAPE, EVACUATION AND RESCUE ANALYSIS (POINT NO. III)	Bidder understands that only Disaster Management planning guidelines will be provided by EPMC which shall be further updated by Owner based on site specific data.  Owner to confirm bidder's understanding.	Bidder's understanding is correct.
19.	82/179	3.3	Escape, Evacuation and Rescue Analysis; environmental protection scheme/systems, HAZOP, HAZIP, SIL Study of FGGS.	Bidder's understanding is that HAZID is misspelt as HAZIP.  If HAZID Study is required, then Bidder understands that internal chairman can be hired for the workshop and the study shall be carried out at EPMC office. Owner to confirm bidder's understanding.	Bidder's understanding is correct.  However, HAZID Study is not required to be carried out.

20.	106/179	10.8	On site Emergency Plan; Disaster Management Plan; Fire Contingency Plan	Bidder's understanding is that only Disaster Management planning, Onsite Emergency & Fire Contingency guidelines will be provided by EPMC which shall be further updated by Owner based on site specific data.  Owner to confirm bidder's understanding.	EPMC to prepare complete documentation.
21.			Others	Bidder's understanding is that only those Process Safety studies which are being carried out during FEED stage shall be updated by EPC during details engineering stage. No additional study envisaged.  Owner to confirm bidder's understanding.	Bidder's understanding is correct.

**XXXXXXXXXXXXXXXXXXXXXXXXXXXX**