

**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. 4 to IFB No. SDG7383P18**

**Engineering, Fabrication and supply of Modular Packages Contract (MPC) for OCS at Nadua and GGS at East Khagorijan in Dibrugarh District, Assam**

1. This Corrigendum is issued to notify the following:

a) In view of fresh queries received from bidders in matter corresponding to technical SOW, the final OIL/Consultant'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 and date of sale of bid document as under :-

- |  |                               |
|--|-------------------------------|
| <b>i) Bid Closing Date &amp; Time</b>            | : 13.06.2018, 11:00 hrs. IST. |
| <b>ii) Technical Bid Opening Date &amp; Time</b> | : 13.06.2018, 14:00 hrs. IST. |
| <b>iii) Last Date &amp; Time of Sale of Bid</b>  | : 06.06.2018, 15:30 hrs. IST. |

**Document**

2. All other terms and conditions of the tender remain unaltered.

3. Bidder to note that no further extension of BCD will be granted for any reasons which are beyond control of OIL. Bidders are therefore requested to strictly comply with above mentioned time schedule.

4. 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.

.....

**Annexure – I to Corrigendum No. 4**

**Following is summary of OIL/Consultant’s responses to fresh pre-bid queries raised by bidders consequence to issuance of Corrigendum No. 3 to IFB No. SDG7383P18:**

SL. No	RFQ Section	Page No	Reference Clause	Technical Query	Type	OIL/Consultant’s Response	Status
<b>GENERAL</b>							
1	IFB No: SDG7383P18	24 of 171	30.8 Other conditions related to Bid Evaluation	OIL to clarify if there are any restrictions to the country of origin for the supply of materials/services, for the percentage of works that shall be imported.		No Restriction with respect to country of Origin. However they should meet Equipment Qualification Criteria.	Closed
2	Vol-II, Basic Engineering packages EK	31 of 316 (29 of 70)	Section 8.4	Considering that the overall oil capacity for the facility being 1000KLPD, the response indicates that the facility needs to be designed for 500KLPD Oil only. Still we are feeling that there is a slight ambiguity in the design basis. Needs to be discussed and clarified.	Clarification	Crude Stabilization is 2 x 50% train. Each train to design for 500 KLPD + 50% emulsions at the inlet. (500KLPD free oil + 250 KLPD emulsion). Follow Process Design Basis.	Closed
3	Vol-II, Basic Engineering packages ND	31 of 306 (29 of 70)	Section 8.4	Considering that the overall oil capacity for the facility being 1000KLPD, the response indicates that the facility needs to be designed for 500KLPD Oil only. Still we are feeling that there is a slight ambiguity in the design basis. Needs to be discussed and clarified.	Clarification	Crude Stabilization is 2 x 50% train. Each train to design for 600 KLPD + 50% emulsions at the inlet. (600KLPD free oil + 300 KLPD emulsion). Follow Process Design Basis.	Closed

4	Doc No. 17039-EL-P- DB-1001	Page 45 of 70	Section 8.21	The basis defined for flare sizing seems to be very low in case of considering system malfunction / fire. During Fire case (liquid vaporization/gas expansion) higher amount of relief (>> 0.1 MMSCMD) is expected. During blocked outlet scenario of relief flow rate is higher the specified design case. Company to clarify	Clarification	Flare relief load shall be calculated based on the highest of the following scenarios: Fire, Tube rupture, Gas Blow by, Blocked discharge or Control valve failure scenarios. Refer Page 45 of 70 of Process Design Basis. The flare design capacity has been fixed based on NAG blocked Discharge (one train blocked-0.5 MMSCMD) case. Refer Process Design Basis for the criteria to design the system.	Closed
5	Doc No. 17039-EL-P- RP-1002	Page 12 of 23	HMB Stream NAG1 / NAG3 / NAG5 / NAG7 / NAG9 / NAG11	Based on the specified fluid composition in HMBT, the specified stream is fully liquid (vapor fraction is zero) as per simulation results, whereas in company provided HMBT have vapor fraction as 1.00000. Company to clarify whether any change in pressure / temperature	Clarification	No change in Pressure and temperature. The given stream is gas stream with vapour fraction 1.000. Bidder to recheck their simulation based on provided HMBT.	
6	Doc No. 17039-EL-P- DB-1001	page 21 of 70	Produced Water Analysis	Bidder not considers any chloride content for system design. Company to confirm.	Clarification	Follow tender document.	Closed

7	IFB No: SDG7383P18	66 of 171	3.3 For Both Facilities in Nadua and East Khagorijan	It is our recommendation that there might be damages during the transportation especially for the loose supplied components. We will check with the sub fabricators, shall be discussed and closed followed by.	Clarification	It's preferred that the Skid/ Module delivered at site with all equipments and accessories with necessary insulation done at Contractors yard.	Closed
8	17039-EK-I-DB-8001	64 of 72	7.24 FIRE AND GAS DETECTORS	F&G Detectors like HC Gas Detector / Open Path Flame Detector which comes within the Battery limit of SLB supplied skid shall be under SLB scope of supply. Manual Call Point shall not be under SLB scope of supply since it will be located outside the battery limit of SLB supplied skids, hence Manual Call Point shall be supplied by others. Company to confirm.	Clarification	As per IS 2189 standard, Manual Call Points shall be considered every 30m or less. MPC Contractor to consider accordingly.	
9	IFB No: SDG7383P18	65 of 171	3.3	Bidders responsibility shall be limited to the supply of structural beam, pad eyes etc. Handling equipments such as EOT, Cranes, pulley blocks etc shall be excluded. Please confirm.		Bidders responsibility to include material handling arrangement in their scope within the Skid	Closed

**Following is summary of Modified Clause issued by OIL/Consultant**

**ADDENDUM NO. 1**

<b>SL. No</b>	<b>RFQ Section</b>	<b>Page No</b>	<b>Reference Clause</b>	<b>Original Clause</b>	<b>Type</b>	<b>Modified Clause</b>	<b>Status</b>
1	IFB No: SDG7383P18	80 of 171	Terms of Reference Clause 15(a)	MPC contractor shall provide the certification of material compliance in accordance with EN 10204, Type 3.2 for all materials used in pressure parts and EN 10204, Type 2.2 for non-pressure parts.	Correction	MPC contractor shall provide the certification of material compliance in accordance with EN 10204, Type 3.1 for all materials used in pressure parts and EN 10204, Type 2.2 for non-pressure parts.	Closed

\*\*\*\*\*END OF CORRIGENDUM NO. 4\*\*\*\*\*