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## **AMENDMENT NO. 02**

This Amendment against e-Tender No. CDG7722L19 For “Hiring of 01 (one) No. 2000 HP (Minimum) Capacity Drilling Rig Package with Crew for exploratory Drilling in Mizoram, India (NELP –VI Block: MZ-ONN-2004/1) for a period of two years with a provision for further extension by one more year or part thereof” is issued to incorporate the followings changes/amendments:

- AA. 05 (Five) Nos. of Tender Clauses are Amended. Same are mentioned in the enclosed Annexure 1 to Amendment No. 02. Amended Clauses will prevail in lieu of the existing.
- BB. **Revised Annexure -IV** is enclosed. This Revised Annexure will prevail in lieu of the existing.
- CC. **Revised Annexure – V** is enclosed. This Revised Annexure will prevail in lieu of the existing.

**Annexure 1 to Amendment No. 02**

Sl. No	Tender Clauses	Original Clause	Amended Clause
1	Clause No.: 4.3. A. c) of Part-3, Section-II of NIT	<p><b>CABIN FOR MUD ATTENDANT:</b></p> <p>A cabin of approximate dimension 5' L x 5' W x 8' Height mounted on a skid with one sliding door, 3 safety glass windows (on 3 sides), one knowledge box and one tool box for mud attendant. The inside walls of the cabin are to be provided with thermal insulation and laminated boards.</p> <p>All electrical fittings should be FLP type and DGMS (India) approved. All electrical fittings should be FLP type and certified by CIMFR/ recognized laboratory of country of origin for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B.</p>	<p><b>CABIN FOR MUD ATTENDANT:</b></p> <p>A cabin of approximate dimension 5' L x 5' W x 8' Height mounted on a skid with one sliding door, 3 safety glass windows (on 3 sides), one knowledge box and one tool box for mud attendant. The inside walls of the cabin are to be provided with thermal insulation and laminated boards.</p> <p>All electrical fittings should be FLP type and should be suitable for use in hazardous areas of Zone I and Gas group IIA &amp; IIB of Oil Mines and shall conform to IS/IEC/EN:60079-0:2011 &amp; IS/IEC/EN:60079-1:2007. The bidders shall submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEX accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.</p>
2	Clause No.: 4.3. D. (b) of Part-3, Section-II of NIT	<p><b>D) ELECTRICITY:</b></p> <p>(b) All electrical equipment should be FLP type and certified by CIMFR/ recognized laboratory of country of origin for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B.</p> <p>Also, the electrical appliance, equipment for using in Zone 1 and Zone 2 hazardous area of the mine shall conform to IS/ IEC standards as specified by DGMS as per clause no. 107 of OMR-2017</p> <p>Bidder shall provide copies of such approvals along with technical bid. In case approval for any or all</p>	<p><b>D) ELECTRICITY:</b></p> <p>(b) All electrical equipment should be FLP type and should be suitable for use in hazardous areas of Zone I and Gas group IIA &amp; IIB of Oil Mines and shall conform to IS/IEC/EN:60079-0:2011 &amp; IS/IEC/EN:60079-1:2007 as per clause no. 107 of OMR-2017 and subsequent notifications of DGMS. The bidders shall submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEX accredited laboratory or ATEX</p>

		<p>electrical equipment is not available at bid submission stage, the bidder shall arrange for all such equipment to be CIMFR/ recognized laboratory of country of origin certified and submit such approval copies to OIL. Permission for deployment of the rig shall be withheld unless such approval is received.</p> <p>Note:</p> <p>All multicore cables to be used in the rig should be metallic screened and certified by CIMFR/ recognized laboratory of country of origin.</p>	<p>notified body, which is not a part of manufacturer's facility.</p> <p>Bidder shall provide copies of above test reports along with technical bid. In case such test reports for any or all electrical equipment are not available at bid submission stage, the bidder shall arrange for the test reports of all such equipment and submit copies of the test reports to OIL. Permission for deployment of the rig shall be withheld unless such test reports is received.</p> <p>Note:</p> <p>All cables to be used in the rig should be multi core flexible copper cables, 1100 volts grade (armoured or screened), Ethylene propylene rubber (EPR) insulated, CSP/NBR sheathed. All electrical cables shall conform to the provisions stipulated in line with IS-9968 read with the latest BHEL specifications (OR12003, OR12002 &amp; OR12005) as the case may be.</p>
3	<p>Clause No.: 4.3. D. (g) (ix) of Part-3, Section-II of NIT</p>	<p>ix)</p> <p>Copies of valid approvals of CIMFR/ recognized laboratory of country of origin related to electrical equipment for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B.</p> <p>Also copies IS/ IEC standards as specified by DGMS as per clause no. 107of OMR-2017 of electrical equipment for use in Zone 1 and Zone 2 hazardous areas.</p>	<p>ix)</p> <p>Copies of valid test reports for all the electrical equipment for use in Oilfields' hazardous areas, zone 1 and Gas Groups 2A and 2B, confirming conformance to IS/IEC/EN: 60079-0:2011 &amp; IS/IEC/EN: 60079-1:2007 standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility as per clause no. 107 of OMR-2017 and subsequent notifications from DGMS.</p>
4	<p>Clause No.: 4.3. D. (g) (x) of Part-3,</p>	<p>x)</p> <p>SLD / Layout / List of electrical equipment / cables fittings etc. / Annexure Electrical / Earthing</p>	<p>x)</p> <p>SLD / Layout / List of electrical equipment / cables fittings etc. / Annexure Electrical / Earthing layout</p>

	Section-II of NIT	<p>layout / CIMFR or recognized laboratory of country of origin approvals for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B.</p> <p>Note:</p> <p>Bidders have to furnish a list of Electrical equipment to be used in hazardous areas as per format given in Annexure-IV. The Electrical equipment placed in classified hazardous area must be certified by CIMFR/ recognized Laboratory of country of origin.</p> <p>Also, the electrical appliance, equipment for using in Zone 1 and Zone 2 hazardous area of the mine shall conform to IS/ IEC standards as specified by DGMS as per clause no. 107 of OMR-2017</p>	<p>/ Test reports from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility as per clause no. 107 of OMR-2017 and subsequent notifications from DGMS for use in Oilfields' hazardous areas, zone 1 and Gas Groups 2A and 2B.</p> <p>Note:</p> <p>Bidders have to furnish a list of Electrical equipment to be used in hazardous areas as per format given in Annexure-IV.</p> <p>The Electrical equipment placed in classified hazardous area shall conform to IS/IEC/EN: 60079-0:2011 &amp; IS/IEC/EN: 60079-1:2007 standards as specified by DGMS as per clause no. 107 of OMR-2017 and subsequent notifications from DGMS.</p>
5	Clause No.: 4.3. G.5. of Part-3, Section-II of NIT	<p>5.All electrical equipment should be FLP type and certified by CIMFR/recognized laboratory of country of origin for use in Oilfields hazardous areas, zone 1 and zone 2, Gas Groups 2A and 2B.</p> <p>Also, the electrical appliance, equipment for using in Zone 1 and Zone 2 hazardous area of the mine shall conform to IS/ IEC standards as specified by DGMS as per clause no. 107 of OMR-2017.</p> <p>Bidder shall provide copies of such approvals along with technical bid.</p>	<p>5.All electrical equipment should be FLP type and suitable for use in hazardous areas of Zone I and Gas group IIA &amp; IIB of Oil Mines and shall conform to IS/IEC/EN:60079-0:2011 &amp; IS/IEC/EN:60079-1:2007 as per clause no. 107 of OMR-2017 and subsequent notifications of DGMS.</p> <p>The bidders shall submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.</p> <p>Bidder shall provide copies of above test reports along with technical bid.</p>

## Part 4

### Revised Annexure-IV

#### DETAILS OF ELECTRICAL MACHINE USED IN DRILLING RIG PACKAGE

Sl. No.	Name of Equipment/ Motor	Make	Maker's Sl. No.	Type	Test reports from an Indian Government Laboratory or NABL accredited laboratory or IECEX accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.	Distance from Well head	Gas Group

## **Part 4**

### **Revised Annexure-V**

#### **DETAILS OF ALL CABLES, LIGHT FITTINGS, PUSH BUTTON STATIONS, PLUG & SOCKETS, JUNCTION BOXES, MOTORS, STARTERS ETC.**

#### **TO BE USED IN OFFERED RIG PACKAGE**

Sl. No.	Description	Make	Type	Test reports from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.	Gas Group