CORRIGENDUM - I

SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH ELECTRIC MOTOR DRIVEN CNG COMPRESSOR PACKAGES

TENDER DOCUMENT NO. IGL/ET2/CP/CC18263

Date: 13.12.2024

<table>
<tr><th>S. No.</th><th>Description</th><th>Tender Page No.</th><th>Clause/ Para/ Section</th><th colspan="2">Amendment/Addition/Modification/Deletion</th></tr>
<tr><td>1</td><td>Availability of tender document on website(s)</td><td>08 of 111</td><td>Clause 6.0 of IFB of Commercial Volume</td><td>Amendment</td><td>From 27.11.2024 to 30.12.2024</td></tr>
<tr><td>2</td><td>Bid submission due date and time</td><td>08 of 111</td><td>Clause 6.0 of IFB of Commercial Volume</td><td>Amendment</td><td>30.12.2024 till 1430 hrs IST</td></tr>
<tr><td>3</td><td>Techno-commercial bid opening date and time</td><td>08 of 111</td><td>Clause 6.0 of IFB of Commercial Volume</td><td>Amendment</td><td>30.12.2024 at 1500 hrs IST</td></tr>
<tr><td>4</td><td>CONTRACT DURATION & DELIVERY SCHEDULE:
Delivery of compressors shall be in lots as per IGL requirement. All Compressors shall be supplied & commissioned as per schedule given below.</td><td>08 of 111</td><td>Cl no. 4.0, Commercial Volume - I</td><td>Modification</td><td>CONTRACT DURATION & DELIVERY SCHEDULE:
Delivery of compressors shall be in lots as per IGL requirement. 1st lot of 10 Nos. of compressors are to be delivered within 12 weeks from the date of LOA/ Intimation from IGL. Subsequent lots to be delivered within 12 weeks from date of intimation as per IGL requirement.
All Compressors shall be supplied & commissioned as per schedule given below.</td></tr>
<tr><td>5</td><td>GAS COMPOSITION:
<table><tr><th>Sr. No.</th><th>Component</th><th>% Mole</th></tr><tr><td>1</td><td>Methane</td><td>92.34</td></tr><tr><td>2</td><td>Ethane</td><td>5.47</td></tr><tr><td>3</td><td>Propane</td><td>0.32</td></tr><tr><td>4</td><td>Butane</td><td>0.027</td></tr><tr><td>5</td><td>Pentane</td><td>0.003</td></tr><tr><td>6</td><td>Nitrogen</td><td>1.78</td></tr><tr><td>7</td><td>Carbon Dioxide</td><td>0.00</td></tr><tr><td>8</td><td>Sulphur</td><td>00</td></tr><tr><td></td><td>Total</td><td>100</td></tr></table>Oxygen: Not more than 0.5 mole%
Total Non Hydrocarbon: Not more than 2.0 mole%
Total Sulphur including H2S: about 24 ppm by weight,
Water Content : <dry
Mass density (kg/m³) = 0.69
Molar mass (kg/kmol) = 17.1262
NCV (Kcal/Sm3) = 8374.00

Above composition shall be taken for guarantee purpose.

* The composition, however, may vary between:
<table><tr><th>Component</th><th>Range</th></tr><tr><td>Methane</td><td>Not less than 80%</td></tr><tr><td>Ethane</td><td>1% - 8%</td></tr><tr><td>Propane</td><td>< 3.3%</td></tr><tr><td>iC4</td><td>< 2%</td></tr><tr><td>iC5 + nC5</td><td>< 0.25%</td></tr></table></td><td>51 & 52 of 85</td><td>Cl no. 15, Technical Volume - II</td><td>Modification</td><td>GAS COMPOSITION:
<table><tr><th>Sr. No.</th><th>Component</th><th>% Mole</th></tr><tr><td>1</td><td>Methane</td><td>95.274</td></tr><tr><td>2</td><td>Ethane</td><td>3.544</td></tr><tr><td>3</td><td>Propane</td><td>0.501</td></tr><tr><td>4</td><td>Butane</td><td>0.142</td></tr><tr><td>5</td><td>Pentane</td><td>0.047</td></tr><tr><td>6</td><td>Hexane</td><td>0.007</td></tr><tr><td>7</td><td>Nitrogen</td><td>0.238</td></tr><tr><td>8</td><td>Carbon Dioxide</td><td>0.247</td></tr><tr><td></td><td>Total</td><td>100.000</td></tr></table>Oxygen: Not more than 0.5 mole%
Total Non-Hydrocarbon: Not more than 2.0 mole%
Total Sulphur including H2S: about 24 ppm by weight,
Water Content: <dry
Mass density (kg/m³) = 0.714
Molar mass (kg/kmol) = 17.1262
NCV (Kcal/Sm3) = 8409.38

Above composition shall be taken for guarantee purpose.

* The composition, however, may vary between:
<table><tr><th>Component</th><th>Range</th></tr><tr><td>Methane</td><td>Not less than 80%</td></tr><tr><td>Ethane</td><td>1% - 8%</td></tr><tr><td>Propane</td><td>< 3.3%</td></tr><tr><td>iC4</td><td>< 2%</td></tr><tr><td>iC5 + nC5</td><td>< 0.25%</td></tr></table></td></tr>
</table>

6	**14.1 Parameters at Suction pressure of 14 Kg/ Cm2 (g); Compressor Capacity by Bidder:** SL No. 7 - Power Consumption of Package in KWH for 1200 SCMH delivery	49 of 85	Cl no. 14.1 of Technical Volume	Modification	To be read as: "*SL No. 7 - Power Consumption of Package at Suction Pressure of 14 Kg/ Cm2 for the delivery of above quoted capacity*"
7	**14.2 Parameters at Suction pressure of 16 Kg/ Cm2 (g); Compressor Capacity by Bidder:** SL No. 1 - Compressor capacity in SCMH at suction pressure of 14kg/cm2(g), discharge pressure of 250 kg/cm2(g) and gas inlet temp 30 deg C (No -ve tolerance) SL No. 7 - Power Consumption of Package in KWH for 1200 SCMH delivery	50 of 85	Cl no. 14.2 of Technical Volume	Modification	To be read as: "*SL No. 1 - Compressor capacity in SCMH at suction pressure of 16kg/cm2(g), discharge pressure of 250 kg/cm2(g) and gas inlet temp 30 deg C (No -ve tolerance)*" SL No. 7 - Power Consumption of Package at Suction Pressure of 16 Kg/ Cm2 for the delivery of above quoted capacity"
8	**14.3 Parameters at Suction pressure of 19 Kg/ Cm2 (g); Compressor Capacity by Bidder:** SL No. 1 - Compressor capacity in SCMH at suction pressure of 14kg/cm2(g), discharge pressure of 250 kg/cm2(g) and gas inlet temp 30 deg C (No -ve tolerance) SL No. 7 - Power Consumption of Package in KWH for 1200 SCMH delivery	50 of 85	Cl no. 14.3 of Technical Volume	Modification	To be read as: "*SL No. 1 - Compressor capacity in SCMH at suction pressure of 19kg/cm2(g), discharge pressure of 250 kg/cm2(g) and gas inlet temp 30 deg C (No -ve tolerance)* *SL No. 7 - Power Consumption of Package at Suction Pressure of 19 Kg/ Cm2 for the delivery of above quoted capacity*"