

Bangladesh Petroleum Corporation

BSC Bhaban, Saltgola Road
Chattogram, Bangladesh.

Addendum to Tender Document which shall be an integral part of the tender & all other terms and conditions of original tender document will remain same.

**Invitation for Tender no.: 28.25.0000.003.01.002.22
Issue No.: 28.25.0000.003.01.002.22/Addendum – 1**

**Tender Package No. ATG/MI/MC – 01/2022
Date: 21.09.2022**

Tender Name: “Design, Supply, Installation, Testing and Commissioning of HSD (Imported Through SPM) Pipelines from ERL to POCL, MPL & JOCL including MOV & ATG system”.

SN	Section of Tender Document	Clause	Tender Clause Description	Addendum
01	Section 06 Employer's Requirement	Clause 4.0 Page 165	Design, Supply, Installation, Testing and Commissioning of Auto Tank Gauging System for Thirty Seven (37) nos. of High Speed Diesel (HSD) storage tanks (Fixed Roof & Floating Roof) as per specifications/Tank Data Sheet outlined in this Tender Document.	Design, Supply, Installation, Testing and Commissioning of Auto Tank Gauging System for Thirty Four (34) nos. of High Speed Diesel (HSD) storage tanks (Fixed Roof & Floating Roof) as per specifications/Tank Data Sheet outlined in this Tender Document.
02	Section 06 Employer's Requirement	Clause 4.10 Page 169	Tank side indicator – 37 nos.	Tank side indicator – 34 nos.
03	Section 06 Employer's Requirement	Clause 4.24 Page 175	ADDITIONAL SCOPE OF WORK FOR ATG INSTALLATION: The Tenderer shall remove all the existing level gauges situated in the thirty	The Tenderer shall remove all the existing level gauges situated in the Thirty Four (34) tanks where the primary ATG system will be installed. More over the tenderer have to modify the second ATG installation point at tanks by their competency.

			<p>seven (37) tanks where the primary ATG system will be installed. More over the tenderer have to modify the second ATG installation point at tanks by their competency.</p>																																																	
04	<p>Section 06 Employer's Requirement</p>	<p>Clause 5.1 Scope of works for pipe lines Page 176</p>	<p>Installation of a new Ø12" CS pipelines, fittings, making support from ERL-POCL fence to the listed tanks of POCL in Appendix A (Ø12" - 2660 Meter, Ø 8" - 36 Meter, Ø 3" - 36 Meter).</p> <p>Installation of a new Ø12" CS pipeline, fittings & support to the listed tanks of MPL in Appendix A (Approx. 1080 Meter).</p> <p>Installation of a new Ø12" CS pipeline, fittings & support from ERL-JOCL fence to the listed tanks of JOCL in Appendix B (Approx. 810 Meter).</p>	<p>Installation of a new Ø12" CS pipelines, fittings, making support from ERL-POCL fence to the listed tanks of POCL in Appendix A (Ø12" - 2660 Meter, Ø 8" - 36 Meter, Ø 3" - 36 Meter).</p> <p>Installation of a new Ø12" CS pipeline, fittings & support from ERL-MPL fence to the listed tanks of MPL in Appendix A (Approx. 1040 Meter).</p> <p>Installation of a new Ø12" CS pipeline, fittings & support from ERL-JOCL fence to the listed tanks of JOCL in Appendix B (Approx. 770 Meter).</p>																																																
05	<p>Section 06 Employer's Requirement</p>	<p>Clause 5.2 Page 177</p>	<p align="center"><u>PIPES, VALVES, FITTINGS & PIPE SUPPORTS SHALL BE AS FOLLOWS:</u></p> <table border="1"> <thead> <tr> <th>Description of materials</th> <th>Unit</th> <th>POCL</th> <th>MPL</th> <th>JOCL</th> <th>Total Qty.</th> </tr> </thead> <tbody> <tr> <td>Ø 12" CS pipeline</td> <td>Meter</td> <td>2660</td> <td>1040</td> <td>770</td> <td>4470</td> </tr> <tr> <td>Ø 8" CS pipeline</td> <td>Meter</td> <td>36</td> <td>-</td> <td>-</td> <td>36</td> </tr> <tr> <td>Ø 3" CS pipeline</td> <td>Meter</td> <td>36</td> <td>-</td> <td>-</td> <td>36</td> </tr> <tr> <td>Pipeline Support (Support will be made by RCC & Steel structure)</td> <td>Nos.</td> <td colspan="3">As required as per international standard of oil & gas pipeline installation works.</td> <td>As required</td> </tr> <tr> <td>Ø12" Flange</td> <td>Nos.</td> <td>40</td> <td>56</td> <td>50</td> <td>146</td> </tr> <tr> <td>Ø12" 90° elbow</td> <td>Nos.</td> <td>40</td> <td>18</td> <td>20</td> <td>78</td> </tr> <tr> <td>Ø12" Equal Tee</td> <td>Nos.</td> <td>5</td> <td>7</td> <td>6</td> <td>18</td> </tr> </tbody> </table>		Description of materials	Unit	POCL	MPL	JOCL	Total Qty.	Ø 12" CS pipeline	Meter	2660	1040	770	4470	Ø 8" CS pipeline	Meter	36	-	-	36	Ø 3" CS pipeline	Meter	36	-	-	36	Pipeline Support (Support will be made by RCC & Steel structure)	Nos.	As required as per international standard of oil & gas pipeline installation works.			As required	Ø12" Flange	Nos.	40	56	50	146	Ø12" 90° elbow	Nos.	40	18	20	78	Ø12" Equal Tee	Nos.	5	7	6	18
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	Total no. of required DBBV in POCL is 11.	Total no. of required MOV in POCL is 3.	Total no. of required DBBV in MPL is 16.	Total no. of required MOV in MPL is 11.	Total no. of required DBBV in JOCL is 7.	Total no. of required MOV in JOCL is 6.	require d Gate Valve (Manua l) in JOCL is 2.
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APPROXIMATE DISTANCES FROM CONTROL ROOM TO INDIVIDUAL TANK & APPROXIMATE CABLE REQUIREMENT SHALL BE AS FOLLOWS:

S/N	Company Name	Tank Tag	Approx. Distances (M)	Power cable for MOV	Cable for MOV positioner	Power cable for ATG	Signal Cable for ATG	Cable for Level switch	Data Cable to ERL Tank Farm Control Room
01	Padma Oil Company Limited (POCL)	T-62	-						
02		T-63	-						
03		T-64	-						
04		T-65	-						
05		T-75	-						
06		T-201	-	4200	4200	2900	2900	4600	2000
07		T-202	-						
08		T-203	-						
09		T-44	-						
10		T-45	-						
11		T-32	-						
12	Meghna Petroleum Limited (MPL)	T-01	780						
13		T-04	680						
14		-	-						
15		T-07	650	10515	10515	7190	7190	8190	1800
16		T-09	625						

Section 06
Employer's Requirement
Appendix A
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