

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 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.	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.



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04	Section 06 Employer's Requirement	Clause 5.1 Scope of works for pipe lines Page 176	<p>Installation of a new Ø12" CS pipeline, 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. 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).</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	Section 06 Employer's Requirement	Clause 5.2 Page 177		<u>PIPES, VALVES, FITTINGS & PIPE SUPPORTS SHALL BE AS FOLLOWS:</u>																																																
				<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></td> <td></td> <td></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	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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	Ø12" Gate Valve (Manual)	Nos.	-	-	2	2
	Ø12" Motor Operated Valve (MOV)	Nos.	3	11	6	20
	Ø12" Motor Operated DBB Valve (DBBV)	Nos.	11	16	7	34
	Ø12" / Ø8" Reducer	Nos.	-	5	-	5
	Ø12" / Ø10" Reducer	Nos.	10	-	3	13
	Ø12" Equal Y Tee 45°	Nos.	15	-	3	18
	Ø10" Equal Y Tee 45°	Nos.	10	-	-	10
	Gasket	Nos.	All gaskets shall be fit for petroleum oil pipeline works & quantity shall be as required.			

MOV & DBB VALVES LIST SHALL BE AS FOLLOWS

S N	POCL Valve Tag	MPL Valve Tag	JOCCL Valve Tag
01	DBBV -1	MOV -1	DBBV -1
02	DBBV -2	MOV -2	DBBV -2
03	DBBV -3	MOV -3	DBBV -3
04	DBBV -4	MOV -4	DBBV -4
05	DBBV -5	MOV -5	DBBV -5
06	DBBV -6	MOV -6	DBBV -6
07	DBBV -7	MOV -7	DBBV -7
08	DBBV -8	MOV -8	-
09	DBBV -9	MOV -9	-
10	DBBV -10	MOV -10	-
11	DBBV -11	MOV -11	-
12		DBBV -12	-
13		DBBV -13	-
14		DBBV -14	-
15		DBBV -15	-
16		DBBV -16	-
17		-	-
18		-	-
			Total no. of

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Total no. 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. required DBBV in JOCL is 7.	Total no. of required MOV in JOCL is 6.	Required Gate Valve (Manual) 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		T-62	-						
02		T-63	-						
03		T-64	-						
04	Padma Oil Company	T-65	-						
05		T-75	-						
06		T-201	-			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						
16		T-09	625						

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17	T-12	630			
18	-	-			
19	T-451	515			
20	T-452	600			
21	T-455	580			
22	T-456	515			
23	T-457	680			
24	T-458	625			
25	T-465	550			
26	T-467	630			
27	T-468	750			
28	T-469	820			
29	T-470	885			
30	T-2	375			
31	Jamuna Oil Compan y Limited (JOCL)	445			
32	T-4	365			
33	-	-			
34	T-9	305			
35	T-10	290			
36	T-21	410			
37	T-22	320			
			2510	2200	3000
				2200	1700

Action to control room is for POCL - 200 Meter, MPL - 250 Meter,
JOCL - 110 Meter.

		Tender Last selling date: 11/10/2022	Tender Last selling date: 25/10/2022
		Tender Closing date & Time: 12/10/2022 at 11:30 hrs	Tender Closing date & Time: 26/10/2022 at 11:30 hrs
08	Section 02 ITR 39.1 ITT 39.3, ITT 45.1 P-34;35 IFT Notice: Page 220	Tender Opening Date & Time: 12/10/2022 at 12:00 hrs	Tender Opening Date & Time: 26/10/2022 at 12:00 hrs

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