



KPD-TAY COMPRESSION PROJECT
Tender Enquiry No.: PROC/FC/PROJ/KPD-TAY/COMP/5313/2022
PRE-BID CLARIFICATION # 14



One of the bidder has asked following queries, OGDCL/ENAR's response is as follows:

Sr. No.	Tender Documents Reference	Bidder's Query	OGDCL/ENAR's Response																																																																																																										
1	<p>INSTRUCTIONS TO BIDDERS Sheet 10 of 41</p> <p>The Compressor Packager of the project has designed, fabricated/packaged and supplied similar design of at least following Compressor Packages during last Ten (10) years to outside of their country of packaging to renowned and leading E&P companies of the world.</p> <p>i. Five (05) Compressor Packages of Minimum 1.3 MW compression power or above AND ii. Five (05) Compression Packages with Blowcase Vessel Design Compressor Packages.</p>	<p>Regarding experience requirement i. and ii. ,In bidder understanding, these two experience are separate requirements i.e. there should be at least 5 compressor packages of minimum 1.3mw compression power to meet requirement i. and there should be at least another (05) Compression Packages with Blowcase Vessel Design Compressor Packages to meet requirement ii. Bidder also can provide one experience that meet both i and ii please confirm.</p>	<p>Bidder's understanding is not correct. Referred point (i and ii) of Clause 1.5 (e) of Section-II, ITB, are well elaborated in Tender Document. Bidder to adhere Tender requirements.</p>																																																																																																										
2	<p>0258-DS-1003-0 (DS of K-FEC at GPP) Page 3 of 22 Note 12: VENDOR TO CONFIRM THAT SPECIFIED CONDITIONS FOR RATED & OPERATING SHALL MEET WITHOUT ANY RECYCLING FLOW.</p> <p>0258-DS-1003-0 (DS of K-FEC at GPP) Page 4 of 22 Note 3 CONSIDER FOLLOWING FLOWS AND CONDITIONS (MEDIUM & LOW PRESSURE COMPRESSION CASES) FOR COMPRESSORS PACKAGE DESIGN.</p> <table border="1"> <thead> <tr> <th colspan="10">MP Compression Cases</th> </tr> <tr> <th rowspan="2">Case</th> <th rowspan="2">Year</th> <th colspan="4">MP Compression Flows</th> <th colspan="4">LP Compression Flows</th> </tr> <tr> <th>Total Gas Flows (MMscfd)</th> <th>Gas Flows per Compressor (MMscfd)</th> <th>No. of operating /standby</th> <th>Suction/ discharge pressure (psig)</th> <th>Total Gas Flows (MMscfd)</th> <th>Gas Flows per Compressor (MMscfd)</th> <th>No. of operating /standby</th> <th>Suction/ discharge pressure (psig)</th> </tr> </thead> <tbody> <tr> <td>Case-1a</td> <td>2022-2023</td> <td>132.1</td> <td>51.1</td> <td>03/01</td> <td>735/1150</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Case-1b</td> <td>2025-2026</td> <td>130</td> <td>51.1</td> <td>03/01</td> <td>535/1150</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Case-1c</td> <td>2034-2035</td> <td>25.6</td> <td>51.1</td> <td>01/01</td> <td>585/1150</td> <td>46.5</td> <td>23.25</td> <td>02/01</td> <td>185/1150</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="10">LP Compression Cases</th> </tr> <tr> <th rowspan="2">Case</th> <th rowspan="2">Year</th> <th colspan="4">MP Compression Flows</th> <th colspan="4">LP Compression Flows</th> </tr> <tr> <th>Total Gas Flows (MMscfd)</th> <th>Gas Flows per Compressor (MMscfd)</th> <th>No. of operating /standby</th> <th>Suction/ discharge pressure (psig)</th> <th>Total Gas Flows (MMscfd)</th> <th>Gas Flows per Compressor (MMscfd)</th> <th>No. of operating /standby</th> <th>Suction/ discharge pressure (psig)</th> </tr> </thead> <tbody> <tr> <td>Case-2a</td> <td>2027-2028</td> <td>102.2</td> <td>51.1</td> <td>02/01</td> <td>535/1150</td> <td>9.9</td> <td>23.25</td> <td>01/01</td> <td>385/1150</td> </tr> <tr> <td>Case-2b</td> <td>2035-2036</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>65.5</td> <td>23.25</td> <td>03/01</td> <td>185/1150</td> </tr> </tbody> </table>	MP Compression Cases										Case	Year	MP Compression Flows				LP Compression Flows				Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)	Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)	Case-1a	2022-2023	132.1	51.1	03/01	735/1150	-	-	-	-	Case-1b	2025-2026	130	51.1	03/01	535/1150	-	-	-	-	Case-1c	2034-2035	25.6	51.1	01/01	585/1150	46.5	23.25	02/01	185/1150	LP Compression Cases										Case	Year	MP Compression Flows				LP Compression Flows				Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)	Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)	Case-2a	2027-2028	102.2	51.1	02/01	535/1150	9.9	23.25	01/01	385/1150	Case-2b	2035-2036	-	-	-	-	65.5	23.25	03/01	185/1150	<p>In bidder understanding, we should select compressor based on flow rate of column " gas flows per compressor " i.e. 51.1 or 23.25 MMSCFD instead of column " total gas flow" , so the compressors should meet 51.1mmscfd or 23.25mmscfd without any recycling flow, please confirm. If compressors need to meet the flow rate of column " total gas flows" , recycling flow will be needed, please note</p>	<p>Total gas flows (MMscfd) and Number of Operating & standby machines are fixed. Since all the five (05) Compressor packages may be used for MP (Medium pressure) conditions OR LP (Low pressure) conditions scenarios, therefore, considering both MP (Medium pressure) conditions and LP (Low pressure) conditions, EPCC Contractor shall design each compressor package in such a manner that Total gas flows (MMscfd) of MP and LP cases must be complied for all the respective years/cases as specified in the data sheet.</p>
MP Compression Cases																																																																																																													
Case	Year	MP Compression Flows				LP Compression Flows																																																																																																							
		Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)	Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)																																																																																																				
Case-1a	2022-2023	132.1	51.1	03/01	735/1150	-	-	-	-																																																																																																				
Case-1b	2025-2026	130	51.1	03/01	535/1150	-	-	-	-																																																																																																				
Case-1c	2034-2035	25.6	51.1	01/01	585/1150	46.5	23.25	02/01	185/1150																																																																																																				
LP Compression Cases																																																																																																													
Case	Year	MP Compression Flows				LP Compression Flows																																																																																																							
		Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)	Total Gas Flows (MMscfd)	Gas Flows per Compressor (MMscfd)	No. of operating /standby	Suction/ discharge pressure (psig)																																																																																																				
Case-2a	2027-2028	102.2	51.1	02/01	535/1150	9.9	23.25	01/01	385/1150																																																																																																				
Case-2b	2035-2036	-	-	-	-	65.5	23.25	03/01	185/1150																																																																																																				