



KPD-TAY COMPRESSION PROJECT
Tender Enquiry No.: PROC/FC/PROJ/KPD-TAY/COMP/5313/2022



PRE-BID CLARIFICATION # 13

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	0258- MS- 0904 - 0 SPECIFICATION FOR FIRE WATER AND SAFETY SYSTEM SEC - III (Scope of Work)	<p>1. 0258- MS- 0904 - 0 6.0 FIRE WATER SYSTEM "Mobile foam trolleys, fire extinguishers shall be provided for Thora Deep-03 GGS". "Fire water storage tank for Thora Deep03 GGS as per relevant code and specifications."6.3. Firewater Ring Network new Fire Water Ring Network shall be developed for Compression Facilities (Thora-deep-03 GGS...)"</p> <p>2. SEC - III (Scope of Work) 8.0 Fire and Safety Engineering "8.1 The EPCC Contractor shall be responsible for the design of all Fire and Safety Systems for New Compression Facilities/Stations (Thora-deep-03 GGS..... Firefighting system. Firewater distribution system including"</p> <p>3. We didn't find any information about Mobile foam trolleys & Fire water storage tank for Thora Deep03 in other FEED.</p> <p>Please confirm that there is't requirement about Mobile foam trolleys & Fire water system for Thora Deep-03.</p>	<p>1. FW Storage Tank and Fire Water Ring Network is not required at Thora-Deep 03 GGS. The suitable and adequate portable firefighting equipment's shall be required for example Mobile foam trolleys, fire extinguishers, etc. to protect the assets from potential hazards at Thora Deep-03 GGS. The requirement about minimum suitable portable firefighting equipment's for Thora Deep-03 is already provided in Volume-IIA of Process section. Refer Doc# 0258-DS-1069-0 (Fire System Miscellaneous items) at Thora Deep-03 GGS. Furthermore, EPC contractor to evaluate and provide adequate and suitable firefighting equipment at Thora Deep-03 GGS.</p> <p>2. Please refer response of point # 1 above.</p> <p>3. Please refer response of point # 1 above..</p>
2	0258-A-1013-0 (Fire Water Calculation Report) 0258- MS- 0904 - 0 SPECIFICATION FOR FIRE WATER AND SAFETY SYSTEM	<p>1. 0258-A-1013-0 (Fire Water Calculation Report) "3.3 Minimum Application Rate 10 L/min/m² for Compressors handling flammable gases "</p> <p>2. 0258- MS- 0904 - 0 6.5.5. Fixed Water Spray System "Spraying density for the compressors shall be 24.4 lpm/m²"</p> <p>3. NFPA 15 7.3.2* Pumps, Compressors, ... [20.4 (L/min)/m²] of projected surface area of the equipment."</p> <p>4. API2030* 7.2.3 Control of Burning An application rate of 0.50 gpm/ft² (20.4 lpm/m²) or higher is typically recommended. ...that water application rates in the range between 0.20 to 0.50 gpm/ft² (8.2 to 20.4 lpm/m²) can be effective."</p> <p>Please confirm that the spraying density for the compressors shall be 10 or 24.4 lpm/m².</p>	<p>1, 2, 3 & 4. The spraying density for the compressors shall be 10 lpm/m².</p>
3	165-4-GPP-007 REV 0 (General Plot Plan for Fire Water Network) 0258- MS- 0904 - 0 SPECIFICATION FOR FIRE WATER AND SAFETY SYSTEM	<p>1. 165-4-GPP-007 REV 0 (General Plot Plan for Fire Water Network) ,We find the Fixed Water Spray System for LP SLUG CATCHER(SC-4061) .</p> <p>2. 0258- MS- 0904 - 0 6.5.5. Fixed Water Spray System ,We didn't find any information about the Fixed Water Spray System for SC-4061.</p> <p>3. We didn't find any information about Fixed Water Spray System for SC-4061 in other FEED.</p> <p>Please confirm that there is't requirement about Fixed Water Spray System for SC-4061.</p>	<p>EPCC Contractor will evaluate the requirement of Water Spray System on LP SLUG CATCHER (SC-4061) and finalize during detailed engineering stage. Furthermore, refer section 5.6 of 0258-A-1013-0 (Fire Water Calculation Report).</p>
4	0258-A-1013-0 (Fire Water Calculation Report) 0258- MS- 0904 - 0 SPECIFICATION FOR FIRE WATER AND SAFETY SYSTEM	<p>1. 0258-A-1013-0 (Fire Water Calculation Report) "CALCULATIONS AND RESULTS OF SCENARIOS .We find only the top of compressors have been protected by fixed water sprays.</p> <p>2. 0258- MS- 0904 - 0 6.5.5. Fixed Water Spray System "High pressure compressors handling flammable gas shall be protected by fixed water sprays applied to the top and underside."</p> <p>Please confirm that the fixed water sprays only for top of compressors.</p>	<p>EPCC Contractor shall evaluate and ensure that the fire fighting system shall be designed in such a way that it shall cover the entire area of all equipment where required.</p>