



KPD-TAY COMPRESSION PROJECT

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

PRE-BID CLARIFICATION # 07



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	Scope of Work PROC/FC/PROJ/KPD-TAY/COMP/5313/2022 Clause 2.0	Dynamic simulation of inlet separators require at Thora deep – 3 GGS, TAY – 3 GGS and TAY at GPP to ensure accommodation of slug volume and flowrate is included in EPCC contractor's scope. Please confirm that the simulation will be carried out considering slug volumes and flowrates provided in respective nodal compressor datasheets. Bidder understand dynamic flow assurance of connecting flowlines is not required. Please confirm.	confirmed
2	Scope of Work PROC/FC/PROJ/KPD-TAY/COMP/5313/2022 Clause 2.4.5	For tie in of KPD and TAY GPP compressor packages relief streams into KPD TAY flare header, rating of KPD TAY facility flare header is required and included in the EPCC contractor's scope. Subject activity will requires existing piping layouts & P&IDs of KPD TAY facility. Please confirm that relevant data will be provided by OGDCL for rating of KPD TAY facility flare header.	All the required relevant data may be collected from Site Visit. Furthermore, any further available data (if required) may be provided to the successful bidder after award of project.
3	Scope of Work PROC/FC/PROJ/KPD-TAY/COMP/5313/2022 Clause 2.4.5	If the existing flare header found under rated at revised relief loads, modifications in existing flare system is also included in EPCC contractor's scope. We understand that alternate plans shall also be consider for relief system of proposed compressor packages including dedicated vent stack for compressor packages to vent emergency relief into atmosphere as proposed for TAY-03 GGS and Thora deep – 3 GGS facilities.	Bidder's understanding is not correct, Vent Stack for GPP (Existing Gas Processing Plant) shall not be considered as an alternate Option.
4	Volume- II 1- Volume-IIA (Process) 6- Datasheets	Based on nodal compressor package datasheets 0258-DS-1000-0 / 0258-DS-1001-0 / 0258-DS-1002-0, suction side pressure control valves are required for all nodal compressor packages. The subject PCVs shall be design to provide outlet pressure range from 935 psig to 85 psig. However, the minimum operating suction pressure limit for proposed compressor packages is 185 psig. Hence, the PCV shall be adequate to provide minimum 185 psig of outlet pressure. Please confirm.	Confirmed.



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5	Volume- II 1- Volume-IIA (Process) 6-Datasheets	Based on nodal compressor package datasheets 0258-DS-1000-0 / 0258-DS-1001-0 / 0258-DS-1002-0, continuous fuel gas supply is available at minimum 60 psig from source. However, the minimum operating suction pressure limit for proposed compressor packages is 185 psig which confirms availability of gas at higher pressures. We understand that minimum of 185 psig from source shall be suitable for requirement of continuous fuel gas for proposed compressor packages.	<p>Please note that existing available LP fuel gas at GPP shall only be supplied to K-Compressors at GPP and T-Compressors at GPP, however, for compressors at TAY-3 GGS, Thora Deep-3 GGS, fuel gas shall be supplied from within the package battery limit as already shown in Typical P&IDs of Nodal Compressor Train.</p> <p>Furthermore, the referred pressure ranges in the datasheets are for available supply of fuel gas, however, it shall be sole responsibility of EPCC Contractor/Vendor to reduce down these pressures by installing pressure reducing device for fuel gas as per requirement.</p>
6	Volume- II 1- Volume-IIA (Process) 6-Datasheets	Based on nodal compressor package datasheets 0258-DS-1000-0 / 0258-DS-1001-0 / 0258-DS-1002-0, start-up fuel gas supply is available at minimum 100 psig from source. However, the minimum operating suction pressure limit for proposed compressor packages is 185 psig which confirms availability of gas at higher pressures. We understand that minimum of 185 psig from source shall be suitable for requirement of start-up fuel gas for proposed compressor packages.	Please refer response against point # 5 above.
7	Scope of Work PROC/FC/PROJ/KPD-TAY/COMP/5313/2022 Clause 2.3	By-pass arrangement is required for Thora deep – 3 compressor package only. Please confirm that the required arrangement shall be manual or automatic.	Manual