

Clarification #01 - OGDCL Maru-Reti Compressor Project

Project Name:	Gas Engine Driven Reciprocating Compressor Package for Maru Reti Field	
Tender No.:	PROC-FC/CB/PE&FD/MR-4591/2019	
ITEM	Question/Query by one of the prospective bidders	OGDCL's Reply
1	Please kindly confirm, the diagnostic tools in Document: 0504196-PRO-SP-001, Ch. 2.3.1 is included in the commercial evaluation or not?	It is included in commercial evaluation.
2	In document: 0504196-PRO-SP-001, Ch.4.10, <i>compressor bypass line shall be equipped with a double Block & Bleed Valve with Non-Return Valves (NRV)</i> . But in PID 0504196-01-PID-002, compressor bypass line equipped with normal isolation valves instead of DBB. Based on our experience in the bypass line use isolation valve can meet the requirement, please kindly confirm using isolation valve instead of the DBB can be accepted or not?	Double Block and Bleed assembly is required.
3	In document: 0504196-PRO-SP-001, Ch.4.11, Fire Detector: 03 numbers SIL-2 UV/IR along with all accessories; Gas Detector: 03 SIL Catalytic Bead Type along with stand and all mounting accessories. Based on our experience 01 set of Gas Detector and 01 set of Fire Detector can meet the requirement. Please kindly clarify the quantity of Fire Detector and Gas Detector.	Please quote as per requirement stated in ITB.
4	In document: 0504196-PRO-SP-001, Sec. 2: Supply of reciprocating compressor package complete with gas engine including lube oil system, fuel gas, PLC system, field instrumentation, F&G detectors & control devices, machine monitoring sensors as outlined in this document. Please specify the definition of " machine monitoring sensors" in this sentence	It refers to Vibration Monitoring Devices.
5	In document: 0504196-PRO-SP-001, Sec. 2: Supply of Catalytic Bead Gas Detector and UV/IR flame detectors along with all mounting accessories, cables from Detectors to Control panel, termination and calibration testing equipment. Please specify the scope of " termination and calibration testing equipment" in this sentence.	Termination and Testing of Instrument/Detectors to Skid Panel.
6	In PID 0504196-01-PID-002, sheet 1, Pressure Control Valve (PCV 001) is equipped at the process gas suction line, please clarify PCV 001 is included in the scope of supplier or not? If PCV 001 provided by the supplier, please define the suction pressure range. According to the compressor data sheet, suction pressure is from 50 psig to 100 psig, but the pressure class before PCV 001 is 300#, please explain the reason for this design	Pressure Control Valve (PCV-001) is included in the scope of supplier., suction pressure range is provided in the Datasheet for PCV (0504196-01-DS-002). Please refer t P&ID for configuration. PCV -001 will be installed at upstream of compressor to maintain Compressor suction pressure in the range of 50-100 Psig.
7	In PID 0504196-01-PID-002, connection type of instrumentations are flange connection, please confirm threaded connection can be accepted or not?	Threaded connection are not accepted
8	In PID 0504196-01-PID-002, sheet 1, 1 set of flow sensor is installed at the process gas discharge pipe line, and the description of the flow sensor is not included in the data sheet or specification, please clarify the flow sensor is included in the scope of supplier or not?	Differential type flow sensor is required at compressor discharge by supplier with flow monitoring at skid panel
9	In PID 0504196-01-PID-002, sheet 1, by pass line and recycle line are provided both. The function of the bypass line can be achieved by the recycle line, please confirm the bypass line can be cancelled or not?	Both are required and has different functional requirement. Recycle line will be isolated during compressor trip whiler By-pass will be tie in at downstream of package ESDV.