PRE-BID CLARIFICATION#05

AGAINST T.E#PROC-FB/CB/PROD-4615/2020

This is with reference to subject tender enquiry and query received from prospective bidder, please be noted following clarifications:

Sr#	Bidder Query:	OGDCL Reply:
1	**Access Fittings (Serial NOs: 74, 77 & 78)** 1. Please confirm pipeline OD sizes e.g. 12" to 18" or other 2. Please confirm Inlet size for Injection Connection e.g. ½"NPT Nipple and Shutoff Valve 3. Please confirm whether Pressure Retaining Cover is required, with Bleed Plug and Pressure Gauge or standard non-pressure covers for Group-D (item # 69) Thermo Well ¾" for 4" SCH 160 Line Pipe (10 NOs). There are different types /Shapes of Thermo Wells in terms of connections & Material. Kindly advise type of Thermo well (Bi-metal, Flanged, Socket Weld Etc) including Stem length. If you have any Drawing of required Thermo well, Please share.	A threadolet having female NPT threads is Welded on 4" Sch 160 pipe and thermowell is fitted on it. Therefore thermowell should have male NPT threads for fitting in threadolet. For fitting of temperature gauge, there should be provision of socket with female NPT threads. Stem length should be calculated considering standard threadolet length and 4" Sch 160 dia pipeline. Drawings required (if any) are in manufacturer scope. Only for clear understanding of the above statement, picture of thermowell is attached. 
2	Anchor Flanges dimensions must be always calculated in according with the following process conditions: - pipeline size (ok: 6", 8", 4") - Pipeline wall thickness (ok: sch 80) - Material grade (ok: A694-F52) - Design code (ASME VIII Div1) - Design pressure (to inform for each size) - Design temperature (to inform for each size) - Corrosion allowance (to inform for each size) - Installation temperature (to inform for each size) - Allowable concrete bearing stress, maximum load supported by the concrete (to inform for each size) - Maximum axial load (to inform for each size) - Maximum bending moment (if available)	1.Design code ASME B16.5 OR ASME BPVC SEC VIII (Div-1 OR 2) 2.Design pressure Design Pressure must be according to corresponding NPS, Sch-80 and ASME B16.5 Pressure Class 60 3.Design temperature The flange shall be design for a tie-in temperature of min 10 Deg C 4.Corrosion allowance As per Design Code 5.Installation temperature The flange shall be design for a tie-in temperature of min 10 Deg C 6.Allowable concrete bearing stress, maximum load supported by the concrete The allowable stress values shall be a maximum of 25% of the specified tensile strength of the flange material. Reference ASME Boiler and Pressure Vessel Code, Section VIII 7.Maximum axial load Welded anchor flanges embedded in concrete shall have adequate stiffness to ensure proper distribution of the load within the allowable concrete bearing stress.
3	We have fire safe design, but we don't have fire safe certificate! Is it acceptable ?	"kindly follow the tender documents. If provision of fire safe certificate is mentioned, it will be required otherwise compliance will be sufficient"
4	it is mentioned that NACE compliance/certificate and HIC &SCC Certificate are required but our Principals saying that they both can not be offered simultaneously. Please clarify	HIC&SSC test certificate is not required. However, valves should be NACE MR0175 compliance. It is further clarified that only for Group-A (valves) and Group - E (viscoelastic tape), HIC&SSC test is not required. For rest of the groups, HIC&SSC test certificate is required and is in the scope of the bidder /manufacturer.

NOTE: All other terms & conditions remain unchanged.