

Project Name: Dismantling of Old NGL Storage Tank & Supply of New Tank 5000 Bbls at Dakhni Plant.

Form of Clarification

Tender Enquiry No. PROC/LF/PT/P&P/DKN-17439/18

Query No.	Reference	Query Narrative	OGDCL Reply
1	Tender Documents Clause No. 3 & Reference Drawings Dwg.# PP/DKN/M/502, Sheet 20.	We wish to bring it in your kind notice that M.S Plates required / shown on oil storage tank drawings is ASTM-283, Grade-C, we have checked with the stockists / mills and found that this material is not being manufactured locally since long and not available in the country. However Its Equivalent grades of ASTM A-36 / SS-400 as per API-650 / 653 are being used in tank construction, having its better mechanical and chemical properties. Therefore We would appreciate your allowing us to use the said equivalent grade in lieu of ASTM A-283 Gr. C, please confirm.	We recommend ASTM-283 Grade-C for oil storage tank as per drawings.
2	Tender Documents Clause No. 2. "CONTRACTOR's SCOPE (GENERAL)-Contractor will also provide flame arrestors, vacuum breathers for installation" & Reference Drawings Dwg.# PP/DKN/M/502, Sheet 20.	We are unable to predict the nozzles sizes and quantities of flame arrester and vacuum breathers, Please Confirm the required sizes and quantity? Also share its required data sheet.	Flame Arrestor (6", Class 150, Body/Flanges: Stainless Steel AISI 316L, Flame Element: Stainless Steel AISI 316L) 01 No Vacuum Breather (Size: 75mm, Low Pressure, Spring Loaded, Port Size: 75mm) 01 No
3	Tender Documents Clause No. 5.5 MECHANICAL WORKS- Installation of Earthing System" & Reference Drawings Dwg.# PP/DKN/M/502, Sheet 20.	We understand that existing earthing system which is connected to the Old tank can be used by connecting it with the new tank earthing Lug/Terminal. Please clarify either new earthing system will be installed for the tank or existing earthing system can be installed as it will have a cost impact?	Existing earthing system is very old (i.e. 30 years). It would be better that new complete earthing system (i.e. Pit, Cable, Lightning arrester etc) to be installed for best integrity of the system.
4	Tender Documents Clause No. 6.2- Internal Protective Coating" Bove 2 meters height of tank shell and roof must be coated as per following: i. One coat of red oxide 2 pack epoxy primer at 50 microns dft ii. Profile all discontinuities with an epoxy putty iii. Two coats of solvent free epoxy resin chopped strand mat coating. iv. One coat of solvent free epoxy and surfacing tissue v. One coat of solvent free epoxy sealer coat Total dft 2.5 mm	The referred paint specification has been shared with the paint manufacturers, they comments that his system is not more available and has been replaced with epoxy system for crude storage tanks, Please advise / allow us to use the Epoxy system in this regard.	You can use epoxy system if its specification are compatible with our requirements.