

CLARIFICATION NO. 04

TENDER NO. PROC-FC/CB/PROD/NASHPA-3200/2018
SCADA SYSTEM FOR NASHPA WELLS

ITB Clause 11.4 SITE SERVICES

“Note that all proper sized mechanical tapping points for inline and online instruments will be provided by OGDCL.”

- 1- Clarification: Please confirm, whether all hot tapping work (welding/cutting/fabrication/hydrostatics (Leakage) testing) for installation of Flow Control Valve, Orifice Assembly, Temperature Transmitter Thermowell, and Pressure Transmitter & Differential Pressure Transmitter will be in OGDCL Scope or in vendor scope?

OGDCL RESPONSE: No any hot tapping works will be required for the installation of FCVs and other instrumentation jobs. OGDCL will provide isolated system at the time of installation. all jobs mentioned will be in the Vendor's scope.

- 2- Supply of **Counter flanges/Gasket/Pipe Spool/Thredolets/Stud & Bolts** for Flow Control Valve, Orifice Assembly, Temperature Transmitter Thermowell, and Pressure Transmitter & Differential Pressure Transmitter will be in OGDCL Scope or in vendor scope?

OGDCL RESPONSE: Vendor Scope

ITB Clause 5.9 ORIFICE ASSEMBLY FOR FLOW CALCULATIONS

Please confirm Density of Natural Gas for Orifice Plate Sizing?

OGDCL RESPONSE: Density = 0.0516 lb/ft³ and S.G = 0.68

ITB Clause 5.10 LEVEL TRANSMITTER

Please confirm the Connection size of Level Transmitter?

OGDCL RESPONSE: All connections for the installation of field instrument connections size shall be 1/2" .

ITB Clause 5.0 REMOTE TERMINAL UNIT (RTU) / PLC

“Transmitter signal, power and control signal cables will be wired through armored cable, running in conduit pipes, buried 3 ft. in the ground.”

- 1- All Excavation and Backfilling work will be in OGDCL scope.

OGDCL RESPONSE: OGDCL scope

- 2- Whether all cable will be laid underground and in Conduit or Cable Tray is also used?

OGDCL RESPONSE: Conduits shall be used for underground / buried cables. at well sites