

SUBJECT: CONSOLIDATED REPLY TO THE QUERY OF DIFFERENT BIDDERS FOR POSTING ON OGDCL WEB SITE.

The Consolidated answer to the queries of Supplier(s) is as follows:

1. No discharge medium: please specify the medium, natural gas ? or crude oil? or liquid? gas?
 - a) **For Control Valve: Medium is Crude oil(Sour) Specific Gravity Range: 0.7 to 0.78**
 - b) **For PSV : Raw Hydro Carbon Gas , Sour Gas.**
2. Please specify the size of safety valve. there is no throat diameter such H or K.
 - c) **Pressure Safety Valves Data: Size 2", Set pressure set point 1450 PSIG and reset Pressure 1425 PSIG, Connection size 2" RF 600LB, Wet parts should be NACE compliance. (Sour gas)**
3. What about the design temperature, operating temperature and discharging temperature.
 - d) **Inlet Temperature: Min : 100 Deg F, Normal : 125 Deg F, Max : 150 Deg F.**
4. What about the mode of safety valve? spring safety valve? Full lift safety valve? Micro open safety valve? pilot safety valve?
 - e) **Spring Safety Valve.**
5. Flow rate: **Min Flow: 100 BPD, Normal Flow: 200 BPD, Max Flow: 400 BPD.**
6. Density: **Density / Specific Gravity: 0.7 to 0.78.**
7. Viscosity: **0.3552 C St / CP.**
8. Temperature: Inlet Temperature:
 - a. **Min : 100 Deg F,**
 - b. **Normal : 125 Deg F,**
 - c. **Max : 150 Deg F.**
9. Pressure drop: **Inlet Pressure: 1300 PSI to 1400 PSI.**
10. Outlet pressure: **1200 PSI to 1300 PSI.**
11. Maximum ΔP : **100 PSI.**
12. For item number 4: Material of the Safety Valve:
 - a. **Body Material: CS;**
 - b. **Trim Material_Seat & Disc: S.S;**
 - c. **Guide & Ring: S.S;**
 - d. **Spring: CS;**
 - e. **It should be NACE Compliance.**