

**CLARIFICATION NO. 01**

**TENDER ENQUIRY NO. PROC-SERVICES/CB/PROD-4034/2018**

**HIRING OF SERVICES FOR HEAVY TUBING WITH PREMIUM WITH THREAD CONNECTIONS ON RENTAL BASIS FOR HYDRAULIC/ACID FRACTURING JOBS**

Reference to subject Tender Enquiry, following clarifications have been made in the subject tender:

**ITEM # 1: 4-1/2" TUBING**

**OGDCL Tender Specifications:**

4-1/2", L-80, PH-6 or equivalent connections, with minimum 15,000 Psi Burst/Collapse Pressure (pipe body & connection).

**Bidder's Query:**

4-1/2" Tubing used in Pakistan for almost all previous Frac related jobs over the past ~10-years by POGC, PPL, OMV, has been with Weight 19.2ppf, Grade T-95, Connections PH-6 or equivalent, Drift ID 3.515", Burst / Collapse Pressure meeting / exceeding 15,000 Psi (pipe body & connection). OGDCL is requested to confirm that 4-1/2" tubing with these specifications is acceptable.

Based upon OGDCL's operational requirement and Frac design, you are requested to advise the Drift ID & Nominal ID of the 4-1/2" Tubing required.

**OGDCL's Clarification:**

The 4-1/2", PH-6, 15,000 Psi W.P, L-80 Material is the minimum OGDCL Requirement.

In case any bidder quotes any other Material with same PH-6 Threads, 4-1/2" Size, exceeding the Minimum requirement of 15 K rating is also acceptable.