

## **CLARIFICATION NO. 03**

**TENDER NO. PROC-FC/CB/PROD/NASHPA-2034/2017**

### **SCADA SYSTEM FOR NASHPA WELLS**

One of the prospective bidders has asked the queries, point wise comments given against each.

**Question-1:** Does the project have a new control center building for the SCADA control system to be located, and is the new control center building (or main control room) within the scope of the design? Or rely on the existing buildings?

**Reply: Existing newly-built Control Center at Nashpa Field will be used for Scada Control Station.**

**Question-2:** The main and standby mode of communication need to be clarified? Page-14 in SOW : “The communication path between the SCADA host and the field shall be by redundant communication system.”

**Reply: Bidders will design and provide redundant communication system as mentioned in the tender specification clause 4.3.**

**Question-3:** About the redundant communication system, is it use the same communication ways or different? Please confirm.

**Reply: Options are open; however bidders must follow the tender specification clause 4.3.**

**Question-4:** In the SOW there mentioned two parts about the temperature Range, one is 0-55 °C and other is -40°C to +75 °C; and about the IP protection level (three levels : IP65/IP67/IP68) Please clarify.

**Reply: 0-55 °C is the normal ambient temperature range, while the extended temperature bearing/design range of the communication equipment is -40°C to +75 °C. Whereas transmitters have different IP level requirements.**

**Question-5:** Please confirm the supply Scope for wellhead control panel for all the wells.

**Reply: Wellhead control panels are already installed at all wellsites of Nashpa Field and are not in the scope of supply.**