

CLARIFICATION NO. 03

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

1. Requirement of working memory as per tender specification is 2MB, however w.r.t I/O counts 512KB memory is sufficient. Please confirm?

OGDCL Response: Offered memory of the controllers shall be in compliance with specifications mentioned in ITB document which is 4MB for MTU controllers and 2MB for RTU controllers.

2. EX- isolation via EX – barriers is acceptable?

OGDCL Response: We understand that by EX-Barriers, bidder has asked about requirement for IS-Barriers. IS barriers are not required as long as all field instruments which will be installed in electrically classified area have Exd protection.

3. Location of RTU Panels is in non EX area, than why EX RTU required.

OGDCL Response: RTU hardware shall be Suitable for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

4. In PLC CPU RS 232 interface is mandatory? 02 Nos. RS 485 and 02 Nos. Ethernet is available.

OGDCL Response: 02 Nos. RS485 and 02 Nos. Ethernet ports are acceptable.

5. What is application of Master server, redundant server is already there.

OGDCL Response: Master Server refers to Primary Server and Redundant Server refers to Secondary Server in SCADA HMI architecture.

6. SIL 2 protection is also required on I/O Cards of MTU?

OGDCL Response: Yes, all MTU and RTU hardware shall be SIL 2 rated.

7. Please confirm the height of Beacon Light tower, do also confirm beacon light and sounder can be install on Antenna Tower of RTU?

OGDCL Response: Height of beacon light tower shall be advised by the bidder. However it shall be high enough for clear visibility from a long distance in case of an emergency situation.

8. Material of Conduit buried and above surface

OGDCL Response: Query is ambiguous and not clear enough for a proper response.

9. Ex- Proof S.S Glands required on both side RTU & Terminal Box?

OGDCL Response: Ex-Proof Glands are required for JB's. Since RTU will be installed in safe area, therefore safe area glands shall be required with RTU enclosure.

10. Distance between RTU Panel and Solar Charger Control Panel?

OGDCL Response: Location of RTU Panel and Solar Charge control panel shall be identified and suggested by contractor at project execution stage.

11. Location of Solar Charger Control Panel and Battery Box?

OGDCL Response: Solar Charger Control Panel and Battery Box shall be placed near to the solar system with protective structure to avoid direct sun light and adverse weather effects.

12. Separate Pole required for CCTV or can be install on Antenna Tower or Beacon light Tower

OGDCL Response: Separate pole is required for each equipment including CCTV, Flame Detector, Gas Detector, Beacon, Sounder, Radio Antenna etc.

13. In case of separate Pole required for CCTV, recommended height of the Pole?

OGDCL Response: Height of CCTV pole shall be advised by the bidder. However it shall be high enough for clear vision and covers as much well area as possible.

14. Please clarify IAM / CAM / RP / RE2XSTYSWAY-PIMF standards of Cables.

OGDCL Response: This is standard cables terminology. Offered instrument cables shall comply with ITB requirements.