



PLUTO LNG TRAIN 2

MR Number: 26221-100-MRA-JC02-00001

Title: Instrument Junction Boxes Interposing Relay Panels Control Panels Local

Scope of Work: Drawings & Data
Quality System Description

Junction Boxes as per below technical requirements.

- Junction Boxes and the installed components shall be in accordance with ANZEx or IECEx certified schemes.
- Junction Boxes will have a minimum IP rating of IP56 (outdoor use) or IP31 (indoor use).
- Junction Boxes will be suitable for use in Zone 2, Group IIA& IIB with a class T3 rating unless stated otherwise.
- Junction Boxes should be a minimum of 14 gage (non-corrosive) 316L stainless steel with electrostatic shield option.
- All outdoor (IP56) junction boxes shall have a rolled lip around the box opening and three sides of the door.
- All terminal strips shall be installed vertically; terminal strips and blocks shall be permanently identified and numbered.
- Junction Boxes shall have proof of compliance to ANZEx or IECx certification schemes.

Local Panels as per below technical requirements.

- Local Panels and the installed components shall be in accordance with ANZEx or IECEx certified schemes.
- Local Panels will have a minimum IP rating of IP56 (outdoor use) or IP31 (indoor use).
- External surfaces shall have a finish coat of the color and type RAL 7032. Internal surfaces shall be coated with white enamel. Touch-up paint (minimum 1 liter (quart) per color) shall be provided
- Local Panels (outdoor) will be suitable for use in Zone 2, Group IIA& IIB with a class T3 rating unless stated otherwise.
- Local Panel wiring shall comply with the requirements of AS/NZS 3000
- Local Panels shall have proof of compliance to ANZEx or IECx certification schemes.
- Local Panels shall have interior lighting fixtures
- Local Panels (outdoor) shall have removeable gland plates with pre-drilled penetrations, stopping plugs & locknuts

Start-Up and Commissioning Spares

Special Tools Requirements

Supply Structural bolts & associated accessories (standard washer, tapered washer, Heavy hex nut, jam nut, Squirter washer etc.) as per bolt report, project standards, project specifications, Australian codes and standard practices.

All Equipment Provided Must Meet Local Codes for Western Australia, Project Specifications, as Well as any Other Australian/Local Regulations, Statutory Requirements, and Australian Codes and Standards as Applicable.