



## PLUTO LNG TRAIN 2

MR Number: 26221-100-MRA-EYM0-00001

Title: IEC Bulk Electrical Materials & Cable Management

Scope of Work: Drawings & Data Submittal Electronically  
Quality System Description and Requirements

IEC Bulk Electrical Materials & Cable Management-

Bulk material is defined as but not limited to: Cable, Cable Tray, Conduit, Lighting fixtures, Receptacles, Panelboards, Transformers, Control Stations, and other miscellaneous electrical items (Nuts, Bolts, Clamps, Fittings, etc.)

Each consisting of below:

- Cable Tray: 12" (300mm) to 36" (900mm) Wide, Galvanized Steel, Class 20C, Straight Section
- Terminal Box: 4" (100mm)H, 4" (100mm)W, 4" (100mm)D, Stainless Steel, HAZARDOUS to 36" (914mm)H, 24" (610mm)W, 12" (300mm)D, Stainless Steel, HAZARDOUS
- Cable: 1/C # 16 AWG (1.5mm<sup>2</sup>) 0.6/1kV, Non-arm, Std Cu, XLPE/PVC, un-shielded to 3/C +GND, 250 KCM (150mm<sup>2</sup>), 0.6/1kV, Non-arm, Std Cu, XLPE/PVC, un-shielded
- Cable: 12 Pr #14,15,16 AWG (2.5mmsq)Instr. Pair, SWA/PVC, Std Cu, PVC / PVC, O`all shield
- Cable, 1 Pr #16, 15, 14, 17, 18, 19 AWG (1.5mmsq) to (1 mmsq), Instr., Thermocouple, SWA/PVC, Std Cu, PVC / PVC, O`all shield
- Panel, Lighting, 24 to 42 Circuit, 100A, 240V, AC, Outdoor, Stainless Steel Enclosure.
- Cable: 1/C 300mm<sup>2</sup>, 400mm<sup>2</sup>, 120mm<sup>2</sup> 15 kV \_ Higher, AWA/PVC, Std Cu, XLPE/PVC, Ind shield, Termite protection.
- Cable Tray: 6" (150mm) Wide to 36" (900mm), Aluminum, Class 20C, Straight Section.

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.