



## PLUTO LNG TRAIN 2

SR Number: SR: 26221-100-SR2-EH00-00001

Title: Electric Heat tracing (C051)

Scope of Work: The scope of this work is to provide for the Design, Engineering, Procurement and Installation for Electrical Heat Tracing of piping and instruments for the Pluto T2 LNG project located in Karratha, Western Australia.

1. Subcontractor shall furnish all design, engineering, materials, special tools, test and procure a complete Heat Tracing system.
2. Contractor will provide single power feed (400V, 3 phase, 4 wire) to each heat trace transformer/panel at the EHT skids designed by the Subcontractor, and will provide the foundation for mounting the EHT skid.
3. Subcontractor will provide 6 nos. 230V feeders each rated 16A from their EHT power panels to feed the heat tracing system of Contractor's mechanical package.
4. Subcontractor shall design and supply the Electrical Heat Tracing materials, control panel(s), design of the interconnection power and instrument wiring from each distribution to the heater cables.
5. Subcontractor shall perform a detailed calculation to determine the requirement of the number of skids, panels, transformer, junction boxes, tracer cable etc. The in-line Instruments will be covered with Line tracing of their respective lines.
6. Subcontractor shall locate and verify the total quantity of distribution panels required to supply heat trace circuits including circuits required for instrument pre-traced tubing.
7. Subcontractor shall be properly licensed in Western Australia, shall operate its business in such a way as to conform to all federal, state, and local statutes, and shall perform as defined.