



## Barossa Offshore Project



- Electrical (EEHA) and Mechanical (MEHA) compliance for equipment in hazardous locations. Equipment must comply with project applicable codes and standards.
- Outdoor equipment will be classified to Zone 2 Gas Group IIA, and Temp. Class T3 as a minimum.
- Preliminary dimensions of the TLER are: L 12700mm, W: 5445mm, H: 5000mm. These dimensions are not to be exceeded since the Turret has a limited amount of space on the geostationary side.
- Free issued cabinets and bulk items to be installed in TLER by TLER Supplier. Cabling between these cabinets (if any) to be provided by the TLER Supplier.
- TLER inside layout to have space for future expansion
- Design accelerations to be considered for the design of the TLER.
- Escape routes shall be at least 1000mm wide and minimum 2300mm vertical clearance
- Stairs and Landings to be provided by the TLER supplier
- TLER to be designed as a single lift and transport concept. Third party lifting certificate to be provided

As a minimum, TLER will include these systems:

- Two 100% (2x100%) redundant HVAC system (one running and one stand by). Both units will be located outdoors – Zone 1 Rated Equipment i.e. Condensing units and Air handling units
- Supply and Return Air Ducts
- Fresh Air Intake Ducts
- Fresh Air Intake gas and smoke detectors
- Blast rated fire dampers
- Motor Control Centre (MCC) for the HVAC system located inside the TLER.
- HVAC control panel to be located inside the TLER.
- Pressurization fan
- Pressurization fan control panel located inside the TLER.
- Fire and Gas detection system with Addressable Fire and Gas Detection system inside the building and HVAC system.
- Fire Suppression system (Novec system or Inergen system). Both systems to be considered and provided as options for buyer selection
- Normal lighting (LED) and small power system inside the TLER
- Emergency (LED) and Battery Back-up Lighting (LED) lighting system inside the TLER.
- Exterior lighting (LED flood lights, as required)
- Cable tray and Multi Cable Transit (MCT) systems
- PAGA/Telecommunication systems
- CCTV system (Cameras are free-issued)
- Earthing and Bonding system
- Cable and gland system (No conduits allowed)
- Cable systems (fire-resistant cables)
- FREE Issued equipment

TLER Supplier SOW:

- Will be responsible for design, materials, termination, construction, tagging, assembly, supply, inspection, testing, commissioning and documentation of the TLER.
- Will be the responsible focal point for communication with various sub-suppliers.
- To be certified to ISO/TS 29001 – Petroleum, Petrochemical and Natural Gas Industries – Sector Specific Quality Management Systems

TLER Building Overall Dimensions:

18.7 meter length x 5.4 meter width x 5.0 meter height

Contract Award Q3 2020; Delivery Q4 2021

**Project Registration**

ConocoPhillips is committed to ensuring Australian Industry full, fair and reasonable opportunity to participate in the Barossa Offshore Project. Expressions of Interest are invited from contractors and suppliers with the relevant capability and capacity to undertake the scope of work.

This is a request for specific expressions of interest. Contractors and suppliers will be considered for prequalification and tender if suitably qualified against this package.

**Note** that an important part of the project registration process is to register an Expression of Interest at the correct Scope level.

Scope level definition:

**Full scope:** Able to produce / supply the entire package.

**Partial scope:** Able to produce / supply one or more of the sub-packages.

All registrations are to be completed via ICN Gateway [BarossaOffshore.icn.org.au](http://BarossaOffshore.icn.org.au). Please contact the ICNNT if registration assistance is required. Contact details: (08) 8922 9422 or [admin@icnnt.org.au](mailto:admin@icnnt.org.au).

Project Website: [ConocoPhillips Australia](http://ConocoPhillips Australia)