



## Barossa Offshore Project



Package No:

0482-MI20-94PO-9972-01

Package Name:

**PLATE AND FRAME HEAT EXCHANGERS**

Scope of Work

The Plate and Frame Heat Exchangers Package scope comprises:

- Provide engineering, procurement and fabrication services for plate and frame heat exchangers with for a total quantity of six (6) heat exchangers in raw seawater (cold side) and inhibited fresh water (hot side) for a total of 31,109 kW heat exchanged capacity combined (6x20% configuration) to be installed in a 150# piping system.
- The plate and fame exchangers are to include 20% additional plates installed beyond those required to meet the required duty plus 15% surface area for clean service up to 25%.
- Chemical cleaning connections shall be provided at all sides of the exchangers.
- These exchangers will be installed on a floating production storage and offloading (FPSO) vessel. Thus, offshore experience is recommended.
- Titanium (for seawater) and/or Stainless steel material of construction
- Fabrication and hydro testing of each unit.
- External painting of each exchanger where applicable.
- Supply of long term preservation for each exchanger.
- Preparation for shipment for each vessel.
- Adherence to API 662 Part 1, ASME Sec VIII Div 1 and B16.5 at a minimum.
- ASME Code stamp and NB registration.
- Applicable local codes.
- Submittal of relevant documentation (data sheet, drawings, code calculations, operating manual, etc.) for operation and maintenance of each exchanger.

### 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 all of the 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)