

Package No:	0482-MI20-55PO-6400
Package Name:	<b>NAVIGATIONAL AID AND HELI-WARNING LIGHT</b>
Scope of Work (*To be confirmed)	<p>The navigation aid shall comply with regulation and IALA recommendation.</p> <p>The System shall be interface to the following system:</p> <ul style="list-style-type: none"><li>• Process Control System (PCS)</li><li>• Emergency / Process Shutdown System (ESD/PSD)</li><li>• Telecom Monitoring System (TMS)</li><li>• Network (IT/LAN)</li><li>• Fire &amp; Gas System</li></ul> <p>The Supplier scope of supply includes but not limited to:</p> <p>    Navigational Aid</p> <ul style="list-style-type: none"><li>• Cabinet</li><li>• Marine signal lantern</li><li>• Foghorn</li><li>• Sun switch/ photocell</li><li>• Obstruction light</li><li>• Remote display</li><li>• RACON</li><li>• Battery back-up (96 hrs)</li></ul> <p>    Heli warning Light</p> <ul style="list-style-type: none"><li>• Enclosure</li><li>• 2 units helideck warning light</li><li>• Remote display</li></ul> <p>In addition to the equipment required, the Supplier shall include the following in their scope of supply:</p> <ul style="list-style-type: none"><li>• Performance guarantee</li><li>• ABS certification</li><li>• EMI/EMC certification</li><li>• Australian Type Approval – for all equipment</li><li>• Factory Acceptance Test (FAT)</li><li>• Shipyard Acceptance Test (SAT)</li><li>• Onshore/Offshore Pre-commissioning and Commissioning</li></ul> <p>The Supplier to include the following services as an option:</p> <ul style="list-style-type: none"><li>• Participation in HAZOP Workshop</li><li>• Participation in Ergonomics study</li><li>• IECEx Documentation (I.S Calculation)</li></ul> <p>The Supplier to take note of the following requirements in their design:</p> <ul style="list-style-type: none"><li>• Supplier shall guarantee that hardware, firmware and software for the system will be supported for at least 25 years of life of the installation</li><li>• Equipment installed in hazardous area shall be certified for Zone 1 Group II B Temp T3 at minimum</li><li>• Equipment shall be suitable for offshore marine environment</li><li>• Structural design of cabinet shall be suitable for installation on a FPSO</li></ul>

- Cabinets installed outdoors shall be 316L SS and epoxy coated RAL 7035
- Cabinet installed indoor shall have front and rear access, minimum depth of 1000mm, 800mm width and 2000mm of height (including base plinth), front plexiglass and honey comb and rear door should be two-honeycomb opening centre.
- Equipment installed outdoor shall be certified IP 66 and indoor equipment room shall be IP 41 at minimum.
- All electrical equipment installed in hazardous areas shall be certified for the area in accordance with IEC Ex
- Supplier should provide an option for future remote operation at Onshore, activities associated with operation, maintenance and engineering that can be performed at the FPSO via the COMPANY (ConocoPhillips) IT Network.
- Contract Award 2019(\*); Delivery 2020(\*) all units

### 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)