

Barossa Offshore Project



Package No:	20180503b-AUW
Package Name:	EPCI of Export Pipeline
Scope of Work	<p>The scope of this work package is the Engineering, Procurement, Construction and Installation (EPCI) of the Barossa Gas Export Pipeline (GEP)- a 26", high pressure subsea pipeline approximately 260km long.</p> <p>This work package is associated with the below work package, listed independently on the ICN Gateway:</p> <ul style="list-style-type: none">• 20180503a- Transportation and installation of the Gas Export Pipeline <p>The intention of this work package is to provide the option of integrating the Barossa Gas Export Pipeline engineering and procurement scopes with installation, to be managed as a single package. The work package sub-scopes are outlined below.</p> <p>Anticipated Contract Award- Q4 2019 Anticipated Delivery Date- Q2 2022</p> <p><u>Supply of EPCI Project Management and Associated Services</u></p> <ul style="list-style-type: none">• Provision of integrated (EPCI) project management and associated services, including:<ul style="list-style-type: none">○ Engineering○ Project management○ Quality assurance and control○ Procurement, sourcing and construction management○ HSE○ Logistics and transportation○ Associated services and support• As a minimum, all works will be completed under approved:<ul style="list-style-type: none">○ Quality Management System (QMS) and project-specific Quality Management Plan○ HSE Management Plan○ Procurement and Subcontractor Management Plan○ Australian Industry Participation guidelines and approved AIP Plan <p><u>Supply of Gas Export Pipeline Linepipe, Motherpipe & Bends</u></p> <ul style="list-style-type: none">• Manufacture and delivery of OD 26" 260km carbon steel linepipe:<ul style="list-style-type: none">○ Material- DNV OS F101 Gr.450 Sup.D & F, SAWL or HFW• Supplied items will comply with the following standards:<ul style="list-style-type: none">○ Linepipe – DNVGL-ST-F101 (2017)○ Bends – DNVGL-ST-F101 (2017), ISO15590-1 (2009) <p><u>Supply of Gas Export Pipeline Coating & Anodes</u></p> <ul style="list-style-type: none">• Supply of pipeline coating for OD 26" 260km export pipeline:<ul style="list-style-type: none">○ External Corrosion Coating- Asphalt Enamel

- Internal Coating- Epoxy flowcoat
- Concrete Weight Coating

- Supplied items will comply with the following standards:
 - Corrosion Coating- DNVGL-ST-F101 (2017), DNV-RP-F106, EN10300
 - Concrete Weight Coating- DNVGL-ST-F101 (2017), ISO 21809-5
 - Anodes- DNVGL-ST-F101 (2017), DNVGL-RP-F103,
 - Internal Coating- DNVGL-ST-F101 (2017), API RP 5L2 / BS ISO 15741

Transportation and Installation of the Gas Export Pipeline

- Transportation and installation of the Gas Export Pipeline, from the seabed near the Barossa FPSO location, to a proposed tie-in point on the Bayu-Undan export pipeline (details of the Gas Export Pipeline are provided above);
- Water depths ranging from 35m to 250m;
- Pre-lay survey (approximately 12 weeks prior to installation) to confirm there is no debris, unexpected obstacles or changed seabed conditions along the pipe lay route that were not noted in prior route surveys:
 - Light subsea construction vessel;
 - ROV
- Pre-lay Span Correction along the pipeline route, including:
 - Procurement, transportation and handling of concrete mattresses and other materials as required (i.e. anti-scour mats/skirts, grout bags, rock bags);
 - Light subsea construction vessel;
 - Offshore craneage;
 - ROV.
- Transportation of linepipe from the coating yard to the Pipelay vessel(s);
- Installation of the 260km Gas Export Pipeline, including:
 - Pipelay vessel, marine crew and associated offshore support
 - Welding, NDT/AUT (GMAW welding system)
 - Welding procedure qualification and welder training will be performed onshore prior to offshore installation operations
 - Pipelay parameter control and monitoring during lay
 - Surface preparation (automated grit blasting process) and Field Joint Coating (Heat Shrink Sleeves)
- Post lay survey and span correction, including
 - Pipe lay support light construction vessel, marine crew and associated offshore support
 - Offshore craneage
 - ROV
 - Procurement, transportation and handling of grout bags/inflated mattresses/pyramid supports, and other materials as required
- Flooding, cleaning, gauging and hydrotesting of the installed gas export pipeline
- Dewatering and pre-conditioning of the gas expert pipeline
- Design, fabrication and installation of pipeline end termination structures

Project Registration

ConocoPhillips is committed to ensuring Australian Industry full, fair and reasonable opportunity to participate in the Barossa 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 Please contact the ICNNT if registration assistance is required. Contact details: (08) 8922 9422 or admin@icnnt.org.au.

Company Website: ConocoPhillips Australia