

Package / Service No:	0482-MI20-94PO-3391-01
Package / Service Name:	Boiler and Closed Loop Chemicals
Scope of Work (*To be confirmed)	<p>The scope of Supply for Boiler and Closed Loop Chemicals requirements are segregated under 4 main categories as noted below.</p> <ul style="list-style-type: none"> • Pre-operations Support (Detail Design Phase) – Boiler and closed loop <p>Outcomes / deliverables:</p> <ul style="list-style-type: none"> • Review of boiler dosing package design, prepared by others • Input into chemical application manual • Development of a testing matrix outlining test parameters, frequencies and key performance indicators (KPIs) • Development of all boiler sampling, testing and monitoring procedures in MODEC's template • Development of closed loop sampling, testing and monitoring procedures in MODEC's template • Development of chemical dashboard to trend dosing and test results • Selection of appropriate lab equipment and technical recommendation for purchase (procurement by MODEC) <ul style="list-style-type: none"> • Chemical Supply (Operations Phase) - Boiler <p>Outcomes / deliverables:</p> <ul style="list-style-type: none"> • Provision of technical support and chemicals required to maintain boiler integrity • Minimise chemical exposure risk to people and the environment • Timely supply of chemicals to maintain boiler continuous uptime <p>Proposed products (Vendor to complete, or submit a separate proposal covering the required info)</p> <ul style="list-style-type: none"> • Oxygen Scavenger • Corrosion Inhibitor • Internal Treatment • Others areas as appropriate <ul style="list-style-type: none"> • Technical Support (Operations Phase) - Boiler <p>Outcomes / deliverables:</p> <ul style="list-style-type: none"> • Routine audit and oversight of chemical injection and test regime (daily activities are conducted by MODEC crew) <ul style="list-style-type: none"> ○ Office based audit: Monthly or as recommended by vendor ○ Offshore audit: Quarterly or as recommended by vendor • Technical advice related to the boiler chemical regime (as required) • Chemical Supply (Operations Phase) – Closed Loop Systems

Outcomes / deliverables:

- Provision of technical support and chemicals required to maintain closed loop integrity (heating medium, cooling medium)
- Minimise chemical exposure risk to people and the environment
- Timely supply of chemicals to maintain closed loop uptime

MODEC would employ a utility operators / production chemist to implement the chemical testing and monitoring regime in the field.

Proposed products:

- Corrosion inhibitor for closed loops
- Biocide for closed loops
- Others areas as appropriate

- Contract Award 2021 (*); Operations 2022 (*) onwards

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 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.

Project Website: ConocoPhillips Australia