

Package Number	CM505-05
Package Name	EEHA Inspection Services
Scope of Work (* To be confirmed)	<p>General Requirements</p> <p>The Supplier shall provide EEHA inspection support services which will include construction installation surveillance, testing, inspection witnessing, reviewing and survey of Company's other contractor(s) completed inspections of Ex certified equipment on the Barossa FPSO.</p> <p>The Supplier shall provide a proposal to supply manpower and support to manage the EEHA inspections to support Company regulatory and contractual obligations for this project.</p> <p>The EEHA personnel provided by the Supplier will report to Company's EEHA Co-ordinator.</p> <p>Classification Standards</p> <p>The FPSO shall be classed by DNV, hence chosen Classification Society's Rules and Standards apply.</p> <p>International Standards</p> <p>The design, equipment selection and installation of Ex certified equipment on the Barossa FPSO shall be in accordance with the IEC 60079 series of standards for electrical equipment, ISO 80079-36 and ISO 80079-37 for non-electrical equipment.</p> <p>Regulator</p> <p>NOPSEMA shall be the regulator for this project. Compliance with requirements of NOPSEMA shall be adhered to.</p> <p>HSE Requirements</p> <p>Supplier's personnel will perform all tasks in compliance with:</p> <ul style="list-style-type: none"> • The local regulatory safety requirements: • Company's other suppliers / Contractors / Shipyard safety requirements • In all locations; compliance with Company Health, Safety and Environmental guidelines • Comply with statutory and task specific PPE requirements. • Use only tools designed for the task being performed. • Inspect tools for wear and tear and immediately stop using any defective equipment and report accordingly. • Only operate tools in compliance with the manufacturer's guidelines. • Check that scaffold tags have current certification before use. • Maintain good housekeeping at all times. <p>The Scope of Services shall be as follows at Contractors/Module Yards/Shipyards:</p> <p>Provision of following personnel to support Company with its EEHA campaign for the Barossa FPSO as below.</p> <ul style="list-style-type: none"> • Provide inspectors for construction surveillance of contractors Ex equipment installations.

- Provide inspectors for Witness, review and survey of Company's other contractors completed EEHA/Ex inspections.
- Support auditing of Contractors Ex equipment installation and gland management.
- Monitor Company's other contractor training and assessment campaign and competent persons register.

The personnel provided shall demonstrate suitable experience to perform EEHA inspections in accordance with IEC. Proof of experience with past Australian projects shall be considered positively in addition to number of years' experience performing EEHA inspections on past projects.

Inspection Personnel Responsibility

The inspectors shall be responsible for:

- Supporting preparation of Company Completions Management System (PCMS) Database prior to start of EEHA inspections.
- Early coverage by surveillance of Company's other contractor Ex installation and gland management (be seen, be proactive)
- Completing EEHA inspections where instructed.
- Raising punch list items into PCMS and closing out punch list items once completed by Supplier / Contractor.
- Witnessing EEHA inspections completed by Company's other contractors and suppliers. (Present philosophy is to witness minimum 20% of Contractors EEHA inspections.
- Review completeness of Company's other contractors EEHA inspection checksheets prior to entry into completions PCMS database.
- Handling of Mechanical Completion (witness, review and survey of inspections completed by the construction/integration yard).
- Updating all inspection details into the Company Completions Management System Database. All inspection check sheets are electronic and completed on Tablets.
- Completing minor repairs as part of inspections where instructed.
- Supporting compilation of Electronic EEHA Dossier.
- Proactively reporting progress and areas of concern to Company EEHA Co-ordinator.

Locations for EEHA Inspections

The EEHA inspections shall be completed in the following locations:

- Company's other supplier facilities in Asia (e.g. Batam Indonesia, Vietnam, Malaysia, Singapore, South Korea)
- Hull Fabrication yard in South Korea
- Module fabrication/construction yards in Singapore and Batam, Indonesia
- Integration Shipyard in Singapore
- Hook up and Commissioning phase offshore in Australian waters.

Project Schedule

The schedule mobilisation dates for the EEHA inspectors are subject to review. Expected initial mobilisation date for the EEHA inspectors is now March 2022. The following table provides approximate EEHA mobilisation / demobilisation dates / inspection personnel maximum numbers during peak of inspection phase

Location	Mobilisation Dates (TBC)	Demobilisation Dates	Mobilisation Qty TBC (phased mobilisation)	Man Days (Approximate)
SKMT (South Korea)	March 2022	May 2023	4	1000
Wasco Module Yard (Batam)	Sep. 2022	April 2023	2	250
Dynamac (Singapore)	Nov. 2022	July 2023	10	1700
Integration Yard (Singapore)	July 2023	July 2024	10	2400
Offshore	July 2024	Sep 2024	4 (2 back to Back)	220

Quantity of EEHA Inspections

The project does not have a confirmation of the number of EEHA inspections the present estimation is approximately

Hull/LQ/Turret - 5,000 tags

Module / Integration Yards - 40,000 tags

Experience on FPSO / Oil and Gas Projects

Supplier shall demonstrate past EEHA/Ex inspection projects undertaken, with particular reference to Australian related projects including

- FPSO projects
- other Oil and Gas Projects.

Estimated contract award: Q1 2022 *

Estimated delivery: As per mobilisation schedule table *

Project Registration

Santos is committed to ensuring Australian Industry the 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.

Scope level definition:

Full scope: Able to produce / supply all the package.

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 resources@icnnt.org.au](mailto:resources@icnnt.org.au).

Project Website: Santos Australia