



Package Title	Pipeline FEED Engineering
Reference Number	TBA
Package Description	<p>Background:</p> <p>Woodside has a range of projects that may require Pipeline Front End Engineering and Design (FEED) phase work including follow on engineering support.</p> <p>General Scope of Works:</p> <p>The intended purpose of the pipelines is to provide a conduit to transport dry hydrocarbon gas or carbon dioxide from an offshore facility to an onshore processing facilities or injection well. The pipelines may navigate subsea features including but not limited to:</p> <ol style="list-style-type: none"> a. Water depth of up to 550m b. Seabed undulations that may require pre and/or post-lay correction c. Crossings of other Operator’s infrastructure. <p>Contractor is to provide/perform:</p> <ul style="list-style-type: none"> • Engineering services at Contractor’s offices to complete the Work in accordance with the Company’s Basis of Design (BOD) and Key Dates. • The design documentation including, but not limited to the preparation of all drawings, reports, calculations, analyses, specifications, and other engineering documents for the trunkline design as agreed with Company in compliance with the BOD, this will typically include: <ol style="list-style-type: none"> a. Mechanical design b. Pipeline protection design c. Stability design d. On bottom roughness and spanning design e. Corrosion analysis, Cathodic Protection (CP) design, material and coating selection, f. Corrosion Management Philosophy g. Fracture control h. Formal Quantitative Risk Assessment (QRA) i. Formal Structural Reliability Analysis (SRA) j. Pipeline and cable crossing design k. Inline structure design l. Geotechnical engineering as required to support design m. Final route design n. Develop Fishing Intensity studies o. Develop material data sheets and Material Take Off(s) (MTO) p. Tie-in spool design q. Global buckling design r. Accidental Limit State (ALS) stability assessment of the pipelines. • Work collaboratively with Company and its installation contractor(s) to achieve the vision for a transformational health and safety outcome for the project. • Provide technical input associated with the new and existing systems into the overall upstream project commissioning and start-up strategy. • Identify design requirements necessary to execute operational activities. • Provide the engineering support to the linepipe, bends, valves, tees, anodes and fittings procurement packages throughout the FEED phase

	<ul style="list-style-type: none"> Provide the engineering support to the pipeline installation packages throughout the FEED phase. <p>Provide project specific datasheets or update those datasheets that were produced in the BOD phase.</p>
Standards	Not Applicable
Delivery Place	Not Applicable
Supplier EOI Instructions	<p>Supplier(s) are invited to express interest by registering on ICN Gateway where competency and previous positive experiences of similar systems can be demonstrated.</p> <p>ICNWA will follow up on full scope registrations by email, once the full scope closing date has passed. The supplier's response to ICNWA's email will form their Expression of Interest (EOI) for this package.</p> <p>Suppliers will only be considered for Prequalification to tender if deemed suitably qualified based on criteria, including but not limited to, HSSE, Quality management, financial standing, Onshore / Offshore and Workload availability.</p> <p>Please note this is an Expression of Interest (EOI) only, the content of this work is subject to change pending project demand and timelines.</p>
Contact	<p>All initial enquiries should be made through the Industry Capability Network Western Australia</p> <p>Ray Loh</p> <p>Ray.Loh@icnwa.org.au</p> <p>+61 (0) 8 9365 7499</p>
URL	<p>For more information about Woodside please refer to the Company's website: www.woodside.com.au</p>
Full Scope EOI Closing Date	21 st February 2023