

Woodside Project



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| Reference Number | WGE-024 |
| Package Title | Trunkline FEED Engineering |
| Package Description | <p>Background:</p> <p>Woodside has a range of projects that may require Trunkline FEED Engineering and follow on ongoing engineering support.</p> <p>General Scope of Works:</p> <p>The intended purpose of the Trunkline of up to 42” and 900km in length is to provide a conduit to transport dry (no condensate dehydrated) hydrocarbon gas from floating production storage offloading vessels to onshore processing facilities. The Trunkline 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 sand waves and undulations that may require pre and/or post-lay correction; c. Crossings by Other Operators; <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 Basis of Design 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. Trunkline protection design c. Stability design d. On bottom roughness and spanning design e. Corrosion analysis, CP design, material and coating selection, f. Corrosion Management Philosophy g. Fracture control h. Formal Quantitative Risk Assessment (QRA) i. Pipeline and cable crossing design j. Inline Structure design k. Geotechnical engineering as required to support design l. Final route design m. Develop a Fishing Intensity study along the complete BTL route n. Develop Materials data sheets and MTO o. Tie-in spool design |

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| | <p>p. Global buckling design for the Trunkline</p> <p>q. Accidental limit state (ALS) stability assessment of the Trunkline.</p> <ul style="list-style-type: none"> • 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 Trunkline systems into the overall upstream project Commissioning and Start-up Strategy. • Identify design requirements necessary to execute operational IMMR activities. • Provide the engineering support to the linepipe, bends, valves, tees, anodes and fittings procurement packages throughout the FEED phase • Provide the engineering support to the Trunkline installation packages throughout the FEED phase. • Provide project specific datasheets or update those datasheets that were produced in the BOD phase. |
| Standards | Not Applicable |
| Delivery Place | Not Applicable |
| Supplier EOI Instructions | <p>Companies are invited to express an interest in this scope of work by registering on the ICN Gateway online Platform. Please ensure :</p> <ul style="list-style-type: none"> • The Company profile on ICN Gateway is complete, up-to-date and accurate; • Interest is registered as full-scope or partial-scope supplier (where applicable); and • Responses to the questions via the ICN Gateway, is provided. |
| Contact | <p>All initial enquiries should be made through the Industry Capability Network Western Australia (ICNWA).</p> <p>Carla Peyton Carla.Peyton@icnwa.org.au +61 (0)8 9365 7543</p> |
| URL | <p>For more information about Woodside Energy please refer to the Woodside Energy Ltd. website www.woodside.com.au</p> |
| Full Scope EOI Closing Date | Monday 8 April 2019 |