

Woodside Project

For Project Information, please refer to the Project Details Page within [ICN Gateway](#).

Reference Number	EL01A
Package Title	Battery Energy Storage System (BESS)
Package Description	<p>Background: Woodside has a range of projects that may require Battery Energy Storage System (BESS) packages.</p> <p>General Scope of Works:</p> <ul style="list-style-type: none"> • Lithium-Ion Battery Energy Storage System (BESS) in accordance with the following International Standards: <ul style="list-style-type: none"> ○ IEC 62619 <i>Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications</i> ○ IEC 62620 <i>Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for use in industrial applications</i> • Scope of supply shall include the following: <ul style="list-style-type: none"> ○ Lithium-Ion batteries and battery enclosure/support system ○ Battery Management System (BMS) ○ Cooling Water Circulation Cubicle ○ Inverter Cabinet ○ Inverter Control Panel ○ BESS Remote Monitoring Unit (RMU) ○ Power Transformer for connection to 13.8kV system • Transformer construction shall be dry type fully encapsulated cast resin in accordance with IEC 60076 <i>Power Transformers</i> • Compliance with the requirements of the Lloyds Register Rules and Regulations for the classification of Offshore Units • Scope of supply shall include the control and protection of the entire BESS system including all auxiliaries and any necessary measures to ensure safe operation • Documentation • Test & Inspection • Engineering & Design • Spares and special tools <p>Pre-Qualification Requirements:</p> <ul style="list-style-type: none"> • Must have minimum 5 years' experience in supply to the oil and gas industry. • Must have a list of past project experience and preferably in delivering to offshore Projects in Australian waters. • Must have an ISO quality system and OSHAS or similar certifications. • Must have storage capability for the manufactured products.
Standards	<p>Woodside Specifications</p> <p>Standards IEC, SOLAS and LR</p> <p>To be suitable for Western Australian construction.</p>

Delivery Place	Asia
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 (ICNWA).</p> <p>Linus O'Brien Linus.O'Brien@icnwa.org.au +61 (0)8 9365 7556</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	Friday 28 Feb 2020