

EXPRESSION OF INTEREST (EOI)

Project	BURRUP UREA PROJECT
Company / Client	Perdaman Chemicals and Fertilisers Pty Ltd
Requisition Number	45826-M-70018
Package Title	Cooling Towers Package
1. SUBMISSION PROCEDURE	
EOI Instructions	<p>Supplier(s) are invited to express interest by registering on ICN Gateway where competency and previous positive experiences of similar supply of goods / services can be demonstrated.</p> <p>When submitting interest registrants will be asked to complete an expression of interest document. The registrant's response will form their Expression of Interest (EOI) for material and/or services.</p> <p>Suppliers will only be considered for Prequalification should they satisfy stated criteria, including but not limited to Health, Safety & Environmental Management, Quality management, financial standing, relevant experience and availability (if required).</p>
EOI Closing Date	Please submit by close of business on 17 th November 2023
Returnable Schedules	Where the EOI calls for any Returnable Schedules, please ensure all schedules are submitted.
Contact	<p>All initial enquiries should be made through the Industry Capability Network Western Australia (ICNWA).</p> <p>Andie Pfaff Andie.Pfaff@icnwa.org.au +61 (08) 9365 7442</p>
URL	<p>For more information regarding the Perdaman, refer</p> <ul style="list-style-type: none"> https://www.perdamanindustries.com.au/scjv/
2. INDICATIVE SCOPE OF WORK	
Package Description	<p>Overview</p> <p><i>Saipem Australia Pty Ltd and Clough Projects Australia Pty Ltd Joint Venture (herein referred to as the "CONTRACTOR") has reached an agreement with Perdaman Chemicals and Fertilisers Pty Ltd (herein referred to as the "OWNER") for the Engineering, Procurement, Construction and Commissioning of the BURRUP UREA PROJECT.</i></p> <p><i>Perdaman Chemicals and Fertilisers Pty Ltd (OWNER) is focused on the development of the Perdaman Project which shall be the world's largest gas stream ammonia-urea plant with a production capacity of 2.14 MMTPA granular urea. The plant is located within the Burrup Strategic Industrial Area, Burrup Peninsula, approximately 10 km from Dampier and 20 km north-west of Karratha on the Northwest coastline of Western Australia.</i></p>

General Scope of Supply / Services

The scope of work consists of the design, engineering, supply, transport and onsite installation of a Cooling Tower (counterflow induced draft type).

The SUBCONTRACTOR shall (unless otherwise noted) provide all labour, supervision, materials, equipment, tools, consumables, supplies, and services required to design, manufacture, paint, assemble, inspect, test, pack/protect for shipment, deliver and erect the Cooling Tower equipment.

Cooling Tower primarily consists of the following:

- Cooling tower structure.
- Fan deck, including necessary handrailing.
- Cladding, internal wall partitioning, windscreen.
- Access staircases and ladders.
- Fanstack.
- Fans, driveshafts, motors, gearboxes, couplings, and torque tubes.
- Electric motors.
- Level switch and vibration switch for each gearbox.
- System to facilitate the removal, lifting, and lowering to grade of motors
- Drift eliminators, spray systems.

SUBCONTRACTOR is to implement modularisation and shop assembly to the maximum extent possible in order to minimise site erection activities.

SCJV to Provide (Exclusions)

- Installation of above ground concrete basin and pump bays, pedestals and embedment's, as per design information provided by SUBCONTRACTOR.
- Supply, installation, and termination of electrical cabling.
- Onsite Cranage and Scaffolding support required by the SUBCONTRACTOR for execution of their works.
- Fire fighting equipment.
- MCC's.
- Civil works, earthworks, concrete foundations, and relevant soil investigations.
- Surface drainage.
- In ground earthing system.
- Supply, installation, and connection of lighting.
- MMS Cabinet containing racks for vibrations / axial displacement.
- First fill lubricants.
- Control System.
- Cabling from package junction boxes to the control/equipment room.
- Utilities external to the package battery limits.
- Onsite fuel for vehicles and equipment permanently located onsite.
- Maintenance servicing for vehicles and heavy equipment permanently located onsite.
- Potable water.
- Personnel accommodation and messing.
- Flights to site.
- Crib facilities whilst onsite.
- Bussing onsite.

	<p>Subcontractor to Provide (Inclusions)</p> <ul style="list-style-type: none"> • Detailed Thermal, Mechanical, Structural and Civil design, calculation, and drawings of the cooling tower (structure, fan, distribution system, louvres, fill material, drift eliminator, etc.) complete with all auxiliaries • Fabrication and supply of all equipment within scope battery limits. • Onsite installation, of equipment including all necessary labour and supervision. • Concrete embedment design. • Interconnecting and auxiliary piping within SUBCONTRACTOR's battery limits. • Trash screens. • Field instruments including holes drilled for primary connections. • Development and Provision of a 3D model. • Provision of load list and instrumentation list for the package. • Training documentation and courses. • Data required to allow the CONTRACTOR to design for necessary interfaces (structural, civil, piping, electrical and control systems, etc.). • Lightning protection in accordance with the requirements of AS 1768 and IEC 62305. • Detailed design of cooling tower basin, sump and pump bays. • Pumps. • P&IDs, control logic and narratives for the design of the Cooling system. Provide documentation including the details of control logic with all shut down and alarms to be integrated to the main DCS system. • Forecast and schedule of personnel, at least 12 weeks prior to site mobilisation. • Pre-commissioning. • Handing over to commissioning team.
Standards	Compliance with National, International and Industry Standards, Australian and WA Regulatory requirements.
Key Dates	Tender is planned to be issued during Q3 of 2024
Point of Delivery	Project Site Burrup Strategic Industrial Area (Western Australia)
3. RETURNABLE DOCUMENTS	
List of Returnable Schedules	Capability Statement and confirmation of ability to provide services. Brief overview of any Local Partnerships and Facilities.
4. DISCLAIMER	
This Expression of Interest to gain an insight into the capabilities of potential service providers and not a Tender Invitation or offer - the schedule and content of this work is subject to change pending project demand and timelines.	