

EXPRESSION OF INTEREST (EOI)

Project	BURRUP UREA PROJECT
Company / Client	Perdaman Chemicals and Fertilisers Pty Ltd
Requisition Number	45826-K-70011
Package Title	Telecom Tower – Supply & Install
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 25 th January 2024
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 for this package is for the SUBCONTRACTOR to provide the supply and installation of the project Telecoms Tower which will include design, engineering, supply of materials, fabrication and assembly, shop tests and inspections, painting and marking, packing, transportation, etc. with the VENDOR being responsible for all the design and reliability of the scope of supply. Telecom hut shall be in accordance with National Construction Code (NCC) and Building Code of Australia.

The telecom tower that will house the system antennas for the UHF TETRA Radio System, the wind speed & direction sensors of the Meteorological System, a GPS and aircraft warning lights shall be in the North-west end of the Guard house (Unit code.: 4490). The tower height shall be approximately 50 meters. The exact height of the tower shall be finalized based on the Radio coverage study to be performed by TSI.

To mount the respective antennas, the stand-off mounts shall be provided as part of the tower at the required heights and positions.

The telecom tower shall be manufactured from steel and shall be suitably protected from the environment by hot dipped galvanised sections in accordance with AS/NZS 4680 and AS/NZS 1214. All precautions shall be taken to avoid galvanic corrosion on the structure due to dissimilar metals. The telecom tower as well as the stand-off mounting is exposed to humid and saline atmospheric conditions. Hence, appropriate protection of coating shall be applied to the structure. Tubular sections may be used only if provision is made to exclude atmospheres.

The telecom tower shall be designed to suit the environmental conditions. The structures should remain rigid and shall not suffer any damage in the environmental conditions.

The telecom tower shall be fitted with navigational hazard lights according to the CASA regulations and ICAO regulations to alert the incoming aircraft of the tower structure. Aircraft Obstruction lighting shall be as per latest requirements as per Part 139 (Aerodromes) Manual of Standards 2019, Chapter 9 Division 4. The aircraft warning shall be supplied from the emergency lighting system with diesel generator back up or by UPS power.

The telecom tower steel structures shall, as a minimum but not limited to include the following component parts:

- Steel lattice tower, self-supported
- Base/foundation and base fixings & grillage
- Earthing rods & Inspection pits
- Copper clad ground ring system
- Lightning Arrestor
- Lightning System
- Copper clad lightning finial
- Solid Copper strap lightning conductor
- Tower members, struts and sections
- Anchor nuts & bolts, assembly nuts & bolts and templates
- Climbing ladder
- Fall arrest system
- Fall arrest harnesses with safety clips and accessory bags

	<ul style="list-style-type: none"> • Anti-climb device • Work / rest platforms at required height as per standards (For platforms grating and handrail details refer Civil standard drawings) • Cable tray with cover • Cable ladder • Cable holding clamp • Cable ladder hangers kit • Covered cable gantry • Building cable entrance plate • Tower erection materials and consumables • Tower erection tools • Tower painting • Tower painting touch up kit • Aircraft warning lights – Flashing red medium intensity warning lights <p>The Telecom Towers shall be galvanized as per AS/NZS 4680 and AS/NZS 1214, as appropriate for the environment conditions refer Specification for Protective Coating, Marking and Labelling (Doc. No: 0000-KA-E-92000). The Telecom Towers shall be designed in accordance to BCA regulations.</p>
Standards	Compliance with National, International and Industry Standards, Australian and WA Regulatory requirements.
Key Dates	Tender is planned to be issued during Q1 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.	