EXPRESSION OF INTEREST (EOI)

Project	CERES
Company / Client	Perdaman Chemicals and Fertilisers Pty Ltd
Package Material Requisition Number	0000-RA-E-20069
Package Title	AIR COOLERS
1. SUBMISSION PROCEDURE	
EOI Instructions	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. 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. 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.
EOI Closing Date	Please submit by close of business on **18/05/2023**
Returnable Schedules	Where the EOI calls for any Returnable Schedules, please ensure all schedules are submitted.
Contact	All initial enquiries should be made through the Industry Capability Network Western Australia (ICNWA). Andie Pfaff andie.pfaff@icnwa.org.au +61 (08) 9365 7422
URL	For more information regarding the Perdaman, refer • https://www.perdamanindustries.com.au/scjv/
2. INDICATIVE SCOPE OF WORK	

	Overview 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 **PROJECT CERES** located in Burrup Strategic Industrial Area, Burrup Peninsula, Western Australia. Perdaman Chemicals and Fertilisers Pty Ltd (OWNER) is focused on the development of Perdaman - Project CERES which shall be the world's largest gas stream ammonia-urea plant with a production capacity of 2.14 MMTPA granular urea. **General Scope of Supply / Services** Design, Engineering, supply of materials, Fabrication and assembly, shop tests and inspections, painting and marking, packing, transportation, etc of the AIR COOLERS listed in Annexure-1. AIR COOLERS shall include but not limited to the following: • The design shall cover the equipment supports, the design of lifting lugs / trunnions / tailing lugs and include a fatigue assessment. • The vessel supports, lifting lugs, trunnions and tailing lugs shall be welded to the shell by full penetration welds and be subjected to 100% visual inspection, 100% UT and 100% MPE or 100% DPE • Construction, Commissioning and Start up Spares (Gaskets, Bolts, Nuts etc) Further inclusions consist of provision of management, design, calculation, procurement, fabrication, testing and certification to satisfy the scope of supply. The following must be provided: • Technical deviations list • Special tools list(if any) • Schedule of rates • Quality assurance • Spares Parts(if any) Responsibilities will include: • Project management, reporting, attending meetings, participation in risk assessment workshops. • Comply with site mobilisation and site requirements. • Delivering work in a safe manner and to the required standards • Provide all equipment and materials for the Scope of Work
Standards	Compliance with National, International and Industry Standards, Australian and WA Regulatory requirements.
Key Dates	Full Notice to Proceed for the Project received from OWNER on 21st April 2023. Tender is planned to be issued during May 2023
Point of Delivery	Partial at Module Fabrication Yard (Outside Australia) & Partial at Project Site in Burrup Strategic Industrial Area (Western Australia)
3. RETURNABLE DOCUMENTS	

List of Returnable Schedules	List of experience on similar equipment supply projects
4. DISCLAIMER	
This Expression of Interest to gain an insight into the capabilities of potential suppliers and/or 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.	

Annexure – 1

EQUIPMENT DESCRIPTION	Design conditions		Dimensions		Heat Exchanger Data											Material	
	Design Pressure (MPa)	Design Temperature (°C)	Bundle Size (m)	Bay Size (m)	Tube OD (mm)	Tube Thk (mm)	Tube length (mm)	No of Tubes / bundle	Bundles per Bay	Bays per unit	No of Motors/bay	Motor Power (kW)	Finned tube Surface area per unit (m2)	Bare tube Surface area per unit	Heat Duty without Design Margin (MW)	Header Box	Tube
DEMINERALIZED WATER TRIM COOLER(**3730-EA-001)**	1	150	3.51 x 14.5	3.81 x 14	25,4	1.65 (M.W)	14.500	315	1	2	3	30	15117	717,19	10,36	DUPLEX 2205 SS	DUPLEX 2205 SS
AIR COOLER FOR EMERGENCY COOLING WATER CIRCUIT(**3920-EA-001)**	1,15	80	3.22 x 13.5	3.52 x 13	25,4	1.65 (M.W)	13.500	291	1	2	3	22	12974	613,97	3,915	SA516 Gr 70	SA 789 UNS S32205