

EXPRESSION OF INTEREST (EOI)

Project	CERES
Company / Client	Perdaman Chemicals and Fertilisers Pty Ltd
Package Material Requisition Number	2500-RA-E-20062
Package Title	SHELL AND TUBE HEAT EXCHANGERS -TITANIUM
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.</p>
EOI Closing Date	12/04/2023
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 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.</p> <p>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.</p>

	<p>General Scope of Supply / Services</p> <p>Design, engineering, supply of materials, fabrication and assembly, shop tests and inspections, painting and marking, packing, transportation, etc., of SHELL AND TUBE HEAT EXCHANGERS -TITANIUM as listed in Annexure 1</p> <p>Further inclusions consist of provision of management, design, calculation, procurement, fabrication, testing and certification to satisfy the scope of supply.</p> <p>The following must be provided:</p> <ul style="list-style-type: none"> • Technical deviations list • Special tools list • Schedule of rates • Spares list • Quality assurance <p>Responsibilities will include <i>inter alia</i>:</p> <ul style="list-style-type: none"> • 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	Final Notice to Proceed planned during 2023
Point of Delivery	Module Fabrication Yard (Outside 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 INFORMATION		Design Condition / Design condition for HE shell side		Design condition for HE tube side				EQUIPMENT DIMENSIONS					HEAT EXCHANGER DATA				MATERIAL					
SL NO	PROJECT MAIN ITEM TAG	EQUIPMENT DESCRIPTION	Pressure	temperature	Pressure	temperature	Special Service_SHELL SIDE	Special Service_TUBE SIDE	ID (DIA)	TL - TL (T/L LENGTH / HEIGHT)	TUBE LENGTH (EFF)	SHELL THK.	HEAD THK. / CHANNEL THK	Tube OD	Tube Thk	No of Tubes/SHELL	BAYAS / UNIT SHELL / UNIT	SHELL	Channel / Head	Tubes	Tubesheet	EPC STAGE ESTIMATED ASSEMBLY UNIT WEIGHT
			(Mpa(g))	(°C)	(Mpa(g))	(°C)			(mm)	(mm)	(mm)	(mm)	(mm)									Kg
1	2500-E-510 A/B	Ammonia Condenser	2,5	200	1	75	Ammonia	-	1840	11279	9500	22	13+3	19,05	1,245	4382	2	SA 516 Gr. 70	SA 516 Gr. 70N + SB 265 Gr.1 CLAD	SB 338 Gr.2 (SMLS)	SA 266 Gr.2 + SB 265 Gr.1 CLAD	84020