

EXPRESSION OF INTEREST (EOI)

Project	CERES
Company / Client	Perdaman Chemicals and Fertilisers Pty Ltd
Package Material Requisition Number	0000-PA-E-74002
Package Title	UREA AND AMMONIA FLARE 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.</p>
EOI Closing Date	Please submit by close of business on 12/06/2023
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 7422</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>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 UREA AND AMMONIA FLARE PACKAGE 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	Full Notice to Proceed for the Project received from OWNER on 21 st April 2023. Tender is planned to be issued during June 2023
Point of Delivery	Site (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

Item Tag	Item Description	Qty	Flared Gas	Molecular Weight	Gas Flowrate	Stack/Riser - Material of Construction	Combustion Efficiency	Ringelmann scale
2610-PK-112	UREA PRIMARY FLARE PACKAGE	2	Case-1: H2 4.08%, N2 49.71%, O2 7.31%, Steam 37.25% Case-2: NH3 87.94%, N2 9.62%, O2 1.41% Case-3: NH3 43.38%, H2 3.79%, N2 45.16%, O2 6.63% Case-4: H2 5.06%, N2 21.07%, O2 5.33%, Steam 67.81%	Case-1: 23.52 Case-2: 18.17 Case-3: 22.50 Case-4: 20.12	Case-1: 1874 Nm3/h Case-2: 9686 Nm3/h Case-3: 2064 Nm3/h Case-4: 4590 Nm3/h	Not in Vendor scope	99%	0
2610-PK-113	UREA SECONDARY FLARE PACKAGE	2	Case-1: NH3 2.1%, N2 76.5%, O2 20.5% Case-2: NH3 64.7%, H2O 34.4% Case-3: H2 3.9%, N2 49.89%, O2 7.74%, Water 36.11%	Case-1: 28.70 Case-2: 17.60 Case-3: 23.69	Case-1: 64 Nm3/h Case-2: 5738 Nm3/h Case-3: 1938Nm3/h	Not in Vendor scope	99%	0
3410-PK-101	AMMONIA FLARE	1	H2 and NH3 rich gas	8.70	439649 Nm3/h (170650 kg/h)	CS	99%	0
3420-PK-102	SYNGAS FLARE	1	H2 gas	10.66	826122 Nm3/h (392900 kg/h)	CS	99%	0
3430-PK-103	AMMONIA TANK FLARE	1	NH3 gas	17.03	2066 Nm3/h (1570 kg/h)	LTCS	99%	0
<p>NOTE: Scope of above flares shall include but not limited to the following;</p> <ol style="list-style-type: none"> 1. Flare stack/riser 2. Flare tip 3. Flare support structure 4. Fluidic seal and flashback protection devices 5. Seal drum 6. Ignition system / control panel 7. Pilots 								