

## EXPRESSION OF INTEREST (EOI)

<b>Project</b>	CERES
<b>Company / Client</b>	Perdaman Chemicals and Fertilisers Pty Ltd
<b>Package Material Requisition Number</b>	0000-MA-E-30007
<b>Package Title</b>	CENTRIFUGAL PUMPS (LOT-1)
<b>1. SUBMISSION PROCEDURE</b>	
<b>EOI Instructions</b>	<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 &amp; Environmental Management, Quality management, financial standing, relevant experience and availability.</p>
<b>EOI Closing Date</b>	Please submit by close of business on <b>18/05/2023</b>
<b>Returnable Schedules</b>	Where the EOI calls for any Returnable Schedules, please ensure all schedules are submitted.
<b>Contact</b>	<p>All initial enquiries should be made through the Industry Capability Network Western Australia (ICNWA).</p> <p>Andie Pfaff  <a href="mailto:andie.pfaff@icnwa.org.au">andie.pfaff@icnwa.org.au</a>  +61 (08) 9365 7422</p>
<b>URL</b>	<p>For more information regarding the Perdaman, refer</p> <ul style="list-style-type: none"> <li><a href="https://www.perdamanindustries.com.au/scjv/">https://www.perdamanindustries.com.au/scjv/</a></li> </ul>
<b>2. INDICATIVE SCOPE OF WORK</b>	
	<p><b>Overview</b></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><b>General Scope of Supply / Services</b></p> <p>Design, Materials, Fabrication, Testing, Inspection, Painting and Supply / Prefabrication and Assembly etc. of the Centrifugal Pumps (Lot-1) listed in Annexure-1.</p> <p>Centrifugal Pumps (Lot-1) shall include but not limited to the following:</p> <ul style="list-style-type: none"> <li>• Centrifugal Pump Package skid</li> <li>• Electric Motor for Pump</li> <li>• Coupling with spacer between Pump &amp; Driver</li> <li>• Coupling with non -sparking coupling guard</li> <li>• Mechanical seal and seal auxiliary system with instrumentation</li> <li>• Structural steel baseplate to accommodate Pump, Drive, Seal flushing systems.</li> <li>• jack bolts for creating a gap to insert baseplate alignment/levelling shims for final adjustment of alignment.</li> <li>• Electricals</li> <li>• Other <ul style="list-style-type: none"> <li>- Interconnecting Piping, Insulation, Painting, Noise Enclosure, Commissioning &amp; Start-up Spares, packing, marking, preservation etc.</li> </ul> </li> <li>• Site supervision during erection, pre-commissioning, commissioning, start-up and site performance testing</li> </ul> <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"> <li>• Technical deviations list</li> <li>• Special tools list</li> <li>• Schedule of rates</li> <li>• Spares list</li> <li>• Quality assurance</li> </ul> <p>Responsibilities will include:</p> <ul style="list-style-type: none"> <li>• Project management, reporting, attending meetings, participation in risk assessment workshops.</li> <li>• Comply with site mobilisation and site requirements.</li> <li>• Delivering work in a safe manner and to the required standards</li> <li>• Provide all equipment and materials for the Scope of Work</li> </ul>
<b>Standards</b>	Compliance with National, International and Industry Standards, Australian and WA Regulatory requirements.
<b>Key Dates</b>	Full Notice to Proceed for the Project received from OWNER on 21 <sup>st</sup> April 2023. Tender is planned to be issued during May 2023
<b>Point of Delivery</b>	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**

<b>Sl. No</b>	<b>Pump Description</b>	<b>Pump Quantity (Nos.)</b>	<b>Process Fluid</b>	<b>Pump Type</b>	<b>Flow (m3/hr)</b>	<b>Diff Head (m)</b>
1	MP Carbonate Pumps	4	Carbonate Solution	BB2	57	248
2	Ammonia Booster Pump	4	Liq Ammonia	OH2	300	126
3	Urea Solution Pump	4	Urea Solution	OH2	153	48
4	Ammonia Solution Pump	4	Ammonia Solution	OH2	6	66
5	Granulation FEED Pump	4	Urea Solution	OH2	142	60
6	Urea Solution Recovery Pump	4	Urea Solution	OH2	55	57
7	Steam Condensate Flushing Pump	4	Steam Condensate	OH2	25	246
8	Steam Condensate Pump	4	Steam Condensate	OH2	98	65
9	Distillation Tower Feed Pump	4	Ammonia Water Solution	OH2	72	100
10	Hydrolyzer Feed Pump	4	Polluted Water	BB2	89	371
11	Close Drain Recovery Pump	4	Weak Solution from Drain System	VS1	8	30
12	Process Condensate Pump	4	Process Condensate	OH2	90	31
13	Process Off-Spec Common Recovery Pump	2	Carbonate Dilute Solution	OH2	40	39
14	Steam Condensate Pump	2	Steam Condensate	OH2	471	45
15	Ammonia Drain Pump	1	Ammonia	OH2	40	60
16	Ammonia Product Pump	2	Ammonia	OH2	176,48	98
17	Ammonia Recirculation Pump	2	Hold			
18	Ammonia Transfer Pump	2	Ammonia	VS6	239,2	475 (At Discharge Nozzle)
19	Emergency Cooling Water Pump for Utility	2	Hold			
20	OH Condensate Pump	2	Water Saturated with CO2	OH2	26	59
21	Plant Water Pump	2	Plant Water	OH2	25	50
22	Potable Water Pump	2	Hold			
23	Process Condensate Pump n1	2	Process Condensate	OH2	105	227
24	Process Condensate Pump n2	2	Process Condensate	OH2	1,4	27
25	Split Stream Pump	2	Semilean Solution	OH2	826,1	42
26	Transfer Pump for Collection Pit	2	Hold			