

EXPRESSION OF INTEREST (EOI)

Project	CERES
Company / Client	Perdaman Chemicals and Fertilisers Pty Ltd
Material Requisition Number	0000-EA-E-40203
Package Title	TRANSFORMERS
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 18/09/2023
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</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, marking, packing, transportation, site supervision during Installation, testing & commissioning etc., of TRANSFORMERS 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"> • The VENDOR shall assure responsibility for the entire package, including each sub-supply and components indicated in this specification. • 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 • Whole Guarantee and responsibility for assembling and good operation of the complete unit.
Standards	Compliance with National, International and Industry Standards, Australian and WA Regulatory requirements.
Key Dates	Tender planned to be issued during September 2023
Point of Delivery	Perdaman Project 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.	

Attachment 1 Scope of Supply – List of Transformers

SL. NO.	ITEM DESCRIPTION	QTY	UOM
A. Power Transformers - Oil Type			
1	Oil immersed Power Transformers Rating:36.5 MVA (KNAN), 33/11.5 kV, Z=12.5%, Dyn1, OLTC, +7.5%/-7.5% in steps of 2.5%	3	Nos
2	Oil immersed Power Transformers Rating:28/35 MVA (KNAN/KNAF), 33/6.9 kV, Z=12.5%, Dyn1, OLTC, +7.5%/-7.5% in steps of 2.5%	4	Nos
3	Oil immersed Power Transformers Rating:20/25 MVA (KNAN/KNAF), 33/6.9 kV, Z=12.5%, Dyn1, OLTC, +7.5%/-7.5% in steps of 2.5%	2	Nos
B. Distribution Transformers - Oil Type			
1	Oil immersed Distribution Transformers Rating:2.5/3.15 MVA (KNAN/KNAF), 6.6/0.42 kV, Z=7%, Dyn11, OCTC, +5%/ -5% in steps of 2.5%	8	Nos
2	Oil immersed Distribution Transformers Rating:3.5 MVA (KNAN), 6.6/0.72 kV, Z=7.5%, Dy11, OCTC, +5%/ -5% in steps of 2.5%	3	Nos
3	Oil immersed Distribution Transformers Rating:2.5 MVA (KNAN), 6.6/0.42 kV, Z=6.25%, Dyn11, OCTC, +5%/ -5% in steps of 2.5%	3	Nos
4	Oil immersed Distribution Transformers Rating:2 MVA (KNAN), 6.6/0.42 kV, Z=6%, Dyn11, OCTC, +5%/ -5% in steps of 2.5%	2	Nos
5	Oil immersed Distribution Transformers Rating:1.6 MVA (KNAN), 6.6/0.42 kV, Z=6%, Dyn11, OCTC, +5%/ -5% in steps of 2.5%	2	Nos
6	Oil immersed Distribution Transformers Rating:1.25 MVA (KNAN), 6.6/0.42 kV, Z=5%, Dyn11, OCTC, +5%/ -5% in steps of 2.5%	1	Nos
C. Distribution Transformers - Dry Type			
1	Dry Type Transformers Rating:315 kVA (AN), 6.6/0.42 kV, Z=4%, Dyn11, OCTC, +5%/ -5% in steps of 2.5%	2	Nos
2	Dry Type Transformers Rating:800 kVA (AN), 6.6/0.42 kV, Z=5%, Dyn11, OCTC, +5%/ -5% in steps of 2.5%	1	No
D. Solar Transformers - Oil Type			
1	Solar Transformers Rating:16 MVA (KNAN), 6.6/34.5 kV, Z=8%, YNd1, OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
2	Solar Transformers Rating:2.5 MVA (KNAN), 0.69/6.9 kV, Z=6%, YNd1, OCTC, +5%/ -5% in steps of 2.5%	1	No
3	Solar Transformers Rating:2 MVA (KNAN), 0.69/0.42 kV, Z=6%, Dyn1, OCTC, +5%/ -5% in steps of 2.5%	1	No

OPTIONAL SCOPE**A. Power Transformers- Oil Type [Oil immersed Power Transformers]**

1	Rating:50/63 MVA (KNAN/KNAF), 11/34.5 kV, Z=11%, YNd1 / OLTC, +5%/-15% in steps of 1.25%	1	Nos
2	Rating:50/63 MVA (KNAN/KNAF), 11/34.5 kV, Z=11%, YNd1 / OLTC, +/-10% in steps of 1.25%	1	Nos
3	Rating:50/63 MVA (KNAN/KNAF), 11/34.5 kV, Z=11%, YNd1 / OCTC, +/-10% in steps of 1.25%	1	Nos
4	Rating:50/63 MVA (KNAN/KNAF), 11/34.5 kV, Z=11%, YNd1 / OCTC, +/-5% in steps of 2.5%	1	Nos
5	Rating:67.5 MVA (KNAN), 33/11.5 kV, Z=12.5%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
6	Rating:36.5 MVA (KNAN), 33/11.5 kV, Z=10%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
7	Rating:38.5 MVA (KNAN), 33/11.5 kV, Z=12.5%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
8	Rating:38.5 MVA (KNAN), 33/11.5 kV, Z=10%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
9	Rating:40 MVA (KNAN), 33/11.5 kV, Z=10%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
10	Rating:45 MVA (KNAN), 33/11.5 kV, Z=11%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
11	Rating:45 MVA (KNAN), 33/11.5 kV, Z=12.5%, Dyn1OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
12	Rating:28/35 MVA (KNAN/KNAF), 33/6.9 kV, Z=10%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
13	Rating:30/37.5 MVA (KNAN/KNAF), 33/6.9 kV, Z=12.5%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
14	Rating:30/37.5 MVA (KNAN/KNAF), 33/6.9 kV, Z=10%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
15	Rating:20/25 MVA (KNAN/KNAF), 33/6.9 kV, Z=8%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
16	Rating:24/30 MVA (KNAN/KNAF), 33/6.9 kV, Z=12.5%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
17	Rating:24/30 MVA (KNAN/KNAF), 33/6.9 kV, Z=8%, Dyn1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos

B. Distribution Transformers - Oil Type

1	Rating:2.5/3.15 MVA (KNAN/KNAF), 6.6/0.42 kV, Z=6%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
2	Rating:3.5 MVA (KNAN), 6.6/0.72 kV, Z=7%, Dy11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
3	Rating:6 MVA (KNAN), 11/6.9 kV, Z=7%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
4	Rating:3.15 MVA (KNAN), 6.6/0.42 kV, Z=7%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
5	Rating:2.5 MVA (KNAN), 11/0.42 kV, Z=6.25%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
6	Rating:2.5 MVA (KNAN), 11/0.42 kV, Z=6%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
7	Rating:2.5 MVA (KNAN), 6.6/0.42 kV, Z=6%, Dyn11OCTC, +5%/-5% in steps of 2.5%	1	Nos
8	Rating:3.15/4 MVA (KNAN/KNAF), 6.6/0.42 kV, Z=7%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
9	Rating:2/2.5 MVA (KNAN/KNAF), 6.6/0.42 kV, Z=6%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
10	Rating:3.15 MVA (KNAN), 6.6/0.42 kV, Z=7%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
11	Rating:4 MVA (KNAN), 6.6/0.42 kV, Z=7%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos

C. Distribution Transformers - Dry Type

1	Rating:400 kVA (AN), 6.6/0.42 kV, Z=4%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
2	Rating:500 kVA (AN), 6.6/0.42 kV, Z=4%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
3	Rating:630 kVA (AN), 6.6/0.42 kV, Z=4%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
4	Rating:1000 kVA (AN), 6.6/0.42 kV, Z=5%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	No
5	Rating:315 kVA (AN), 6.6/0.42 kV, Z=4%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	Nos
6	Rating:800 kVA (AN), 6.6/0.42 kV, Z=5%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	No

D. Solar Transformers - Oil Type

1	Rating:50 MVA (KNAN), 6.6/34.5 kV, Z=11%, YNd1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
2	Rating:50 MVA (KNAN), 11/34.5 kV, Z=11%, YNd1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
3	Rating:16 MVA (KNAN), 11/34.5 kV, Z=8%, YNd1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
4	Rating:31.5 MVA (KNAN), 6.6/34.5 kV, Z=8%, YNd1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
5	Rating:31.5 MVA (KNAN), 11/34.5 kV, Z=8%, YNd1 / OLTC, +7.5%/-7.5% in steps of 2.5%	1	Nos
6	Rating:2 MVA (KNAN), 0.69/6.9 kV, Z=6%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	No
7	Rating:3.15 MVA (KNAN), 0.69/6.9 kV, Z=7%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	No
8	Rating:2.5 MVA (KNAN), 0.69/0.42 kV, Z=6%, Dyn11 / OCTC, +5%/-5% in steps of 2.5%	1	No