

## EXPRESSION OF INTEREST (EOI)

<b>Package Title</b>	Process Control System (PCS)
<b>Package Reference</b>	P-1005
<b>Package Description</b>	<p><b>INTRODUCTION</b></p> <p>The process control system for the project process plant (beneficiation plant, hydrometallurgy and sulphuric acid plant) shall be a distributed control system (DCS). The DCS shall interface with all motors and drives, vendor package PLCs, safety PLCs etc to provide control and monitoring facilities at the central control room for the entire project (process plant and non process infrastructure).</p> <p><b>WORKS INCLUDED</b></p> <p>The PCS package scope of work shall include the supply of all professional and technical resources, software and equipment necessary to engineer, design, manufacture, install, test and commission the process control system for the process plant (Beneficiation Plant, Hydrometallurgy Plant and Sulphuric Acid Plant) including:</p> <ul style="list-style-type: none"> <li>- PCS servers</li> <li>- engineering workstations</li> <li>- operator workstations</li> <li>- PCS architecture design</li> <li>- development of functional descriptions</li> <li>- configuration, programming and testing of PCS software for the complete process plant (including integration with 3rd party systems)</li> <li>- PCS factory acceptance testing</li> <li>- PCS site acceptance testing</li> <li>- commissioning support</li> <li>- PCS training</li> </ul> <p><b>WORKS EXCLUDED</b></p> <p>The following works are excluded from this package:</p> <ul style="list-style-type: none"> <li>- PCS cabinets in the beneficiation plant area</li> <li>- PCS cabinets in the hydrometallurgy plant area</li> </ul>

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	<ul style="list-style-type: none"> <li>- PCS cabinets in the sulphuric acid plant area</li> <li>- Safety PLCs</li> <li>- Vendor package PLCs</li> </ul>
<b>Key Information to be included in the EOI</b>	<p>Interested parties (IP) will provide resources that illustrate their capabilities specific to the contract on offer; and demonstrate their industry performance and compliance with/to Health, Safety, Environmental and Quality Management systems, including.</p> <ul style="list-style-type: none"> <li>- List of distributed control systems IP have capabilities in providing</li> <li>- List of previous projects delivered including the DCS system implemented in their noted projects</li> <li>- illustrate capabilities in supporting commissioning of the process plant</li> <li>- illustrate capabilities in providing ongoing operations support for life of mine post project completion</li> </ul>
<b>Key Milestones</b>	<p><i>Forecast Request for Quotation/Tender release date: 1st November, 2022</i></p> <p><i>Forecast Award date: 10th January, 2023</i></p>
<b>Approximate Value</b>	< AU\$3M
<b>Approximate Duration</b>	18 Months
<b>Expression of Interest</b>	<p>[Contractors / Suppliers] are invited to express an interest in this [scope of work / package] by registering on the ICN Gateway online platform.</p> <p>Prior to completing registration, please ensure:</p> <ul style="list-style-type: none"> <li>▪ The company profile on ICN Gateway is complete, up-to-date and accurate</li> <li>▪ Interest is registered as either full-, or partial-, scope of this EOI (where applicable)</li> <li>▪ ICN Gateway pre-qualification questions have been completed</li> </ul>
<b>EOI Closing Date</b>	31st October, 2021
<b>Contact</b>	<p>Industry Capability Network of Northern Territory</p> <p><a href="https://gateway.icn.org.au/">https://gateway.icn.org.au/</a></p>

<b>Project URL</b>	<p>For more information about Arafura Resources Ltd and the Nolans Rare Earths Project please refer to the Company website.</p> <p><a href="https://www.arultd.com/">https://www.arultd.com/</a></p>
<b>Disclaimer:</b>	<p><i>This EOI will be used, in part, to establish a list of potential tenderers, providing a general understanding of their capabilities to execute the scope outlined. The EOI will be coupled with subsequent steps and stages in the tender process to be adopted by Arafura Resources Ltd (the "Company"), and applicants' response to this EOI shall not form any part of a commitment or agreement with or on behalf of the Company to proceed or contract with responding parties.</i></p> <p><i>The relevant package details outlined above, and/or scale of scope for this package may be subject to change at the discretion of the Company.</i></p>
<b>Project:</b>	<p>Nolans Rare Earths Project (the "Project")</p>
<b>Project Overview:</b>	<p>Arafura Resources Limited ("Arafura" or the "Company") is a publicly listed company on the Australian Stock Exchange and proposing to develop its 100%-owned Nolans Rare Earths Project (the "Project"). The Project is planning to produce three (3) rare earth products and a phosphoric acid by-product over its 38-year mine life. The flagship product, neodymium-praseodymium (NdPr) oxide, is a key constituent of permanent magnets utilised in the burgeoning electric vehicle and clean energy industries. At full production, the Project will target a capacity of providing up to 10 per cent of the world's demand for NdPr oxide.</p> <p>The Project will encompass a mine, process plant (comprising beneficiation, extraction, separation, and sulphuric acid plants) and related non-process infrastructure (including accommodation village) to be constructed and located at the Nolans site, 135 kilometres north of Alice Springs in Australia's Northern Territory.</p>
<b>Date:</b>	<p>13<sup>th</sup> September 2021</p>