

<b>Project Overview:</b>	<p>To support FMG’s Decarbonisation strategy and achieve net-zero emissions, there is a requirement for the electrification of mining equipment and other assets across all operations.</p> <p>Approximately 450km of overhead lines (likely 33kV), supporting transformers, switchgear, ring main units (RMU’s), and associated electrical services are required to expand FMG’s electrical distribution network across brownfield operations.</p> <p>Projects will be packaged into programs of work, dependent on-site requirements.</p>
<b>Package Title:</b>	Electrical Distribution (LV) Projects Panel
<b>Reference:</b>	FMG-DC-EL-001
<b>Package Description:</b>	<p>The services required includes the following:</p> <ul style="list-style-type: none"> <li>• 6.6kV and 415V power infrastructure, switchboards, distribution boards;</li> <li>• 6.6kV and 415V power cable;</li> <li>• 6.6kV trailing cable;</li> <li>• Electrical services to power conversion modules, charging stations and battery banks;</li> <li>• Trenching, conduits and cable ladder installation;</li> <li>• Supporting instrumentation and monitoring devices;</li> <li>• Lighting and small power;</li> <li>• Control systems, communications, fibre, ethernet and radio systems;</li> <li>• Earthing and lightning protection;</li> <li>• PLC / SCADA design, construction and commissioning;</li> <li>• Testing, commissioning and energisation.</li> </ul> <p>The services required will also need to include the following supporting activities:</p> <ul style="list-style-type: none"> <li>• Safety management;</li> <li>• HAZOP / HAZID;</li> <li>• Engineering &amp; detailed design;</li> <li>• PLC, Control system and SCADA detailed design;</li> <li>• Supply and/or fabrication of all goods, equipment and consumables. <i>Long lead time goods and equipment maybe supplied by FMG;</i></li> <li>• Earthworks, civil and clearance works to support construction activities;</li> <li>• Logistics management;</li> <li>• Provision of quality associated documentation (Manufacturer’s Data Report, Inspection Test Records, Inspection Test Plans);</li> <li>• Soil and other material testing;</li> </ul> <p>The performance of the services shall comply with Australian Standards and Fortescue Standard Specifications.</p> <p>The target commencement date for the services is mid 2023.</p> <p>Any packages of work associated with the Electrical Distribution Projects Panel is subject to internal approvals. The scope may change at FMG election, including to accommodate project budget and time requirements.</p>

<b>Expression of Interest (EOI):</b>	<p>FMG invites expressions of interest (<b>EOI</b>) from capable and experienced contractors and suppliers, who are safety focused and price competitive for this package <b>FMG-DC-EL-001</b>.</p> <p>Interested parties must register an EOI on the ICN Gateway: <b>FMGSOLOMON.icn.org.au</b></p> <p>Registrants are required to provide the following information as part of its EOI:</p> <ul style="list-style-type: none"> <li>(a) an ICN Gateway company profile, current in all material respects; and</li> <li>(b) completed Preliminary Prequalification Information.</li> </ul> <p>FMG Solomon will use the EOIs to improve its understanding of market capability and interest. Suitable Registrants will be invited to submit a tender for this package <b>FMG-DC-EL-001</b>.</p>
<b>EOI Closing Date:</b>	16 <sup>th</sup> January 2023
<b>Target Award Date:</b>	At the time of publishing this invitation to register an EOI, May 2023.
<b>Project Contact Officer:</b>	<p>All communications, clarifications, or requests for technical support in connection with this invitation to register an EOI for this package <b>FMG-DC-EL-001</b> or ICN Gateway, must be submitted to:</p> <p>Andie Pfaff, Project Officer          Industry Capability Network of Western Australia          T: (08) 9365 7442          E: <a href="mailto:andie.pfaff@icnwa.org.au">andie.pfaff@icnwa.org.au</a></p>
<b>Project URL's:</b>	Details of additional Project opportunities will be published on the ICN Gateway at <b>FMGSOLOMON.icn.org.au</b>
<b>Disclaimer:</b>	The information contained in this invitation to register an EOI is indicative only and subject to change, at FMG's discretion. It is intended to provide a brief outline of the relevant services which may be required on the Electrical Distribution (LV) - Projects Panel.