



**IRON BRIDGE MAGNETITE PROJECT**  
**PACKAGE 662NSP2002 – HIGH PRESSURE GRINDING ROLLERS**  
**SCOPE OF WORK**

<b>Project Overview:</b>	<p>IB Operations Pty Ltd (<b>IB Operations</b>), as agent for the joint venture between FMG Magnetite Pty Ltd and Formosa Steel IB Pty Ltd, is developing a new magnetite mine and associated infrastructure at its Iron Bridge site (<b>Iron Bridge Magnetite Project</b>).</p> <p>The Iron Bridge site comprises the North Star, Eastern Limb, Glacier Valley and West Star magnetite iron ore deposits located in the Pilbara region of Western Australia.</p> <p>The Iron Bridge Magnetite Project will include the execution of a process plant, non-process infrastructure, a slurry and return water pipelines, a raw water pipeline and port infrastructure to support 22 wmtpa production.</p> <p>Delivery of first ore is expected in the first half of calendar year 2022.</p>
<b>Package Title:</b>	High Pressure Grinding Rollers
<b>Reference:</b>	662NSP2002
<b>Package Description:</b>	<p>At the time of publishing this invitation to register an interest, the Supply includes the design, manufacture, assembly and factory testing, disassembly and packaging for transport, and loading onto transport, High Pressure Grinding Rollers (HPGR), including the following:</p> <p><b>Area 2441 – Tertiary Crushing – 4 off HPGR</b></p> <p>Duty: total design feed rate of 19,000 dt/h to the Tertiary Crushing HPGR plant</p> <p><b>Area 2471 – Primary Grinding - 8 off HPGR</b></p> <p>Duty: total design feed rate of 27,200 dt/h to the Primary Grinding HPGR plant</p> <p>All HPGRs to comply with the following requirements:</p> <ul style="list-style-type: none"> <li>- complete with adjustable wear lined feed chutes, wear protected roll, edge and cheek plate surfaces;</li> <li>- forged main shafts and suitably wear protected tyres;</li> <li>- precision rolling element bearings for main shaft support;</li> <li>- heavy duty gearboxes, cardan shafts, all couplings, spacers, seals and including any safety devices;</li> <li>- specialised main drive motors including reinforced thrust bearings;</li> <li>- all fasteners, including HPGR main frame holding down, shaft couplings, motor holding down, hydraulic and lubrication systems holding down;</li> <li>- all HPGR maintenance and protection devices, including tramp detection and release systems, roller skew, over-torque and under-speed devices, roller removal trolleys, main gearbox dollies, hydraulic pressure control systems and maintenance jogging of rollers ability;</li> <li>- all hydraulic and lubrication packages – skid mounted; and</li> <li>- electronic monitoring and control system, including all software and hardware for complete Plant Control interfacing.</li> </ul> <p>Australian Standards apply to this package.</p> <p>The Iron Bridge Magnetite Project, including this package 662NSP2002 is subject to internal approvals. The procurement process or scope, may change at the IB Operations' election, including to accommodate project budget and time requirements.</p>



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<b>Expression of Interest (EOI):</b>	<p>IB Operations invites expressions of interest (<b>EOI</b>) from capable and experienced contractors and suppliers, who are safety focused and price competitive for this package 662NSP2002.</p> <p>Interested parties must register an EOI on the <b>ironbridge.icn.org.au</b></p> <p>EOI Registrants are required to provide the following information as part of its EOI:</p> <ol 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> </ol> <p>IB Operations will use the EOIs to improve its understanding of market capability and interest. Suitable EOI Registrants may be invited to submit a tender for this 662NSP2002.</p>
<b>EOI Closing Date:</b>	2 May 2019
<b>Target Award Date:</b>	At the time of publishing this invitation to register an EOI, June 2019
<b>Project Contact Officer:</b>	<p>All communications in connection with this invitation to register an EOI for this package 662NSP2002, including clarification regarding this package 662NSP2002 or request for technical support in connection with the EOI or ICN Gateway, must be submitted to:</p> <p>Linus O'Brien, Principal Supply Chain Consultant          Industry Capability Network of Western Australia          T: (08) 9365 7556          E: Linus.OBrien@icnwa.org.au</p>
<b>Project URL's:</b>	Details of additional Iron Bridge Magnetite Project opportunities will be published on the ICN Gateway at <b>ironbridge.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 IB Operations' discretion. It is intended to provide a brief outline of the relevant Supply which may be required on the Iron Bridge Magnetite Project and should be read in conjunction with the Iron Bridge Magnetite Project Description on the ICN Gateway.