



| Project Overview:             | 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> ). |
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|                               | 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.   |
|                               | 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.  |
|                               | Delivery of first ore is expected in the first half of calendar year 2022.  |
| Package Title:                | Transformers  |
| Reference:                    | 662NSP0007  |
| Package Description:          | At the time of publishing this invitation to register an interest, the Supply includes the design, manufacture, assembly, surface preparation and treatment, factory testing, disassembly and packaging for transport and loading onto transport of the following:            |
|                               | <ul> <li>76 off (estimated) two winding transformers ranging from 500kVA to<br/>5MVA with 33kV primary to either 720V or 420V secondary;</li> </ul>   |
|                               | <ul> <li>10 off (estimated) two winding transformers ranging from 500kVA to<br/>5MVA with 22kV primary to either 720V or 420V secondary;</li> </ul>   |
|                               | <ul> <li>14 off (estimated) three winding transformers ranging from 15MVA to<br/>30MVA with 33kV primary to 11kV secondary and 420V tertiary, 500kVA<br/>tertiary winding for energisation purpose;</li> </ul>  |
|                               | • 12 off (estimated) 11kV outdoor NER, 200A, 10sec; and   |
|                               | 2 off (estimated) 33kV outdoor kiosk substation including:  |
|                               | <ul> <li>33kV RMU, 630A bus, 630A in/out isolators and 200A CB;</li> </ul>  |
|                               | <ul><li>1.5MVA 33/0.42kV transformer;</li></ul>   |
|                               | o 400V MCC, 2500A, 50kA 1 sec, 8 x 400A outgoing feeders; and   |
|                               | o IP44 overall enclosure.   |
|                               | Australian Standards apply to this package 662NSP0007 Transformers.   |
|                               | The Iron Bridge Magnetite Project, including this package 662NSP0007 Transformers 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.               |
| Expression of Interest (EOI): | 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 662NSP0007 Transformers.   |
|                               | Interested parties must register an EOI on the ironbridge.icn.org.au  |
|                               | EOI Registrants are required to provide the following information as part of its EOI:   |
|                               | a. an ICN Gateway company profile, current in all material respects; and  |



## IRON BRIDGE MAGNETITE PROJECT PACKAGE 662NSP0007 – TRANSFORMERS SCOPE OF WORK

|                          | b. completed Preliminary Prequalification Information.  |
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|                          | 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 662NSP0007 Transformers.  |
| EOI Closing Date:        | 28 October 2019   |
| Target Award Date:       | At the time of publishing this invitation to register an EOI, February 2020.  |
| Project Contact Officer: | All communications in connection with this invitation to register an EOI for this package 662NSP0007 Transformers, including clarification regarding this package 662NSP0007 Transformers or request for technical support in connection with the EOI or ICN Gateway, must be submitted to:   |
|                          | Linus O'Brien, Principal Supply Chain Consultant  |
|                          | Industry Capability Network of Western Australia  |
|                          | T: (08) 9365 7556   |
|                          | E: Linus.OBrien@icnwa.org.au  |
| Project URL's:           | Details of additional Iron Bridge Magnetite Project opportunities will be published on the ICN Gateway at <b>ironbridge.icn.org.au</b>  |
| Disclaimer:              | 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. |