

Project Overview:	<p>IB Operations Pty Ltd (IB Operations), 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 (Iron Bridge Magnetite Project).</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>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 (Decarbonisation Electrical Infrastructure Project).</p> <p>Overhead lines, transformers, switchgear, ring main units (RMU), 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>
Package Title:	Kiosk Substation
Reference:	FF24OP002B
Package Description:	<p>At the time of publishing this invitation to register an interest, the Supply includes the design, manufacture, assembly, surface preparation and treatment, factory testing and packaging. The Supply includes the following:</p> <ul style="list-style-type: none"> • 71 off (estimated) 33kV/6.6kV portable packaged kiosk substation with IP65 protection • 30 off (estimated) 33kV/415V portable packaged kiosk substation with IP65 protection • 50 off (estimated) 33kV kiosk switchboard with IP65 protection • 96 off (estimated) 6.6kV portable in-pit field switch with IP65 protection • Each packaged 33kV/6.6kV kiosks substation is completed with: <ul style="list-style-type: none"> ○ 33kV/6.6kV, 5MVA or 8MVA Dyn11, KNAN power transformer ○ 33kV ground-mounted recloser ○ 6.6kV Switchgear (1 incomer and 2 feeders) ○ 200A NER ○ Remote operation panel ○ Integrated 415/240VAC and 48/24VDC power supply (with UPS for 4 hours back up power) ○ Communication panel integrated with PLC systems ○ Exterior and interior lighting • Each packaged 33kV kiosk switchboard is completed with: <ul style="list-style-type: none"> ○ 33kV Switchgear (1 isolator incomer and 3 circuit breaker feeders) ○ Integrated 48/24VDC power supply (with UPS for 4 hours back up power) ○ Exterior and interior lighting • Each packaged 33kV/415V kiosks substation is completed with <ul style="list-style-type: none"> ○ 33kV Switchgear (1 incomer and 2 feeders) ○ 33kV/415V, 1MVA Dyn11, KNAN power transformer

	<ul style="list-style-type: none"> ○ Remote operation panel ○ Integrated 415/240VAC and 48/24VDC power supply (with UPS for 4 hours back up power) ○ Communication panel/cabinet integrated with PLC systems ○ 400V switchboard with 1600A incomer, 630A and 400A feeders. IP54 protection, form 4a/4b segregation and 63kA for 1 second fault level. ○ Exterior and interior lighting <ul style="list-style-type: none"> ● Each in-pit field switch is completed with: <ul style="list-style-type: none"> ○ 6.6kV Switchgear (1 incomer, 2 feeders or 4 feeders)x ○ Remote operation panel ○ Integrated 415/240VAC and 48/24VDC power supply (with UPS for 4 hours back up power) ○ Communication panel/cabinet integrated with PLC systems ○ Exterior and interior lighting <p>FMG will require progressive annual delivery of the following equipment from Q1 2024 to 2027:</p> <ul style="list-style-type: none"> ● 20 x 33kV/6.6kV kiosk substations ● 12 x 33kV kiosk switchboard ● 8 x 33kV/415V kiosk substations ● 20 x field switches <p>All equipment supplied is required to comply with Australian Standards and Fortescue Standard Specifications.</p> <p>Any packages of work associated with the Project is subject to internal approvals. The scope may change at FMG's election, including to accommodate project budget and time requirements.</p>
<p>Expression of Interest (EOI):</p>	<p>IB Operations invites expressions of interest (EOI) from capable and experienced contractors and suppliers, who are safety focused and price competitive for this package FF24OP002B.</p> <p>Interested parties must register an EOI on the ICN Gateway ironbridge.icn.org.au</p> <p>EOI Registrants are required to provide the following information as part of its EOI:</p> <ul style="list-style-type: none"> (a) an ICN Gateway company profile, current in all material respects; and (b) completed Preliminary Prequalification Information. <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 package FF24OP002B.</p>
<p>EOI Closing Date:</p>	<p>24 April 2023</p>
<p>Target Award Date:</p>	<p>At the time of publishing this invitation to register an EOI, July 2023</p>

Project Contact Officer:	All communications, clarifications, or requests for technical support in connection with this invitation to register an EOI for this package FF24OP002B or ICN Gateway, must be submitted to: Andie Pfaff, Project Officer Industry Capability Network of Western Australia T: (08) 9365 7442 E: andie.pfaff@icnwa.org.au
Project URL's:	Details of additional Iron Bridge Magnetite Project opportunities will be published on the ICN Gateway at ironbridge.icn.org.au
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.