

IRON BRIDGE MAGNETITE PROJECT
PACKAGE 662NSP2023 – ANALYSERS
SCOPE OF WORK

erations Pty Ltd (IB Operations), as agent for the joint venture between FMG etite Pty Ltd and Formosa Steel IB Pty Ltd, is developing a new magnetite and associated infrastructure at its Iron Bridge site (Iron Bridge Magnetite ett). On Bridge site comprises the North Star, Eastern Limb, Glacier Valley and Star magnetite iron ore deposits located in the Pilbara region of Western edia. On Bridge Magnetite Project will include the execution of a process plant, process infrastructure, slurry and return water pipelines, a raw water pipeline ert infrastructure to support 22 wmtpa production. Try of first ore is expected in the first half of calendar year 2022. Seers EP2023 time of publishing this invitation to register an interest, the supply includes esign, manufacture, assembly, surface preparation and treatment, factory as disassembly and packaging for transport and loading onto transport, of Samplers for location in the process plant, including the following:
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 3 moisture analysers including reclaim conveyor and air classification systems; 4 magnetic resonance analysers, including secondary crushing A and B, Dry Magnetic Separation (DMS) reject conveyor and tertiary crushing feed conveyor; 5 elemental analysers including slurry sample areas A (2 off), B (2 off) and C (1 off); 8 particle size analysers including primary crushing A and B (2 off), secondary crushing A and B (2 off) and slurry sample area A (4 off); all connection and load details for the structural support and footing design including static, dynamic, breakdown and maintenance loads; P&IDs and functional description for monitoring by the plant PCS; a fully programmed field control panel with suitable controller (PLC) which controls the analyser operation and ancillary devices; inclusion of suitable communication interfaces (software gateways) on all analysers to communicate field status and process information to the PCS via profinet on fibre optic; provision of adequate space in the local control enclosure design for the mounting of a fibre splice box (supplied and installed by others); provision of all communication hardware on each analyser, including fibre converters to facilitate communication over fibre optic cable; provision of electrical data for the electrical loads including, where any motors are included, the nameplate power ratings and load factors for each motor; provision of all electrical details including single line diagrams, schematics and termination details including the size of terminals for connection of power supply installed and connected by others; local termination junction box; all necessary drive and safety guards;



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	 surface preparation and coating to project specification; replaceable wear resistant linings where required; all fasteners for the equipment to allow complete assembly; all maintenance tooling and protection devices; and spare parts. Australian Standards apply to this package 662NSP2023 Analysers. The Iron Bridge Magnetite Project, including this package 662NSP2023 Analysers 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 (EOI) from capable and experienced contractors and suppliers, who are safety focused and price competitive for this package 662NSP2023 Analysers.
	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
	b. completed Preliminary Prequalification Information.
	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 662NSP2023 Analysers
EOI Closing Date:	4 October 2019
Target Award Date:	At the time of publishing this invitation to register an EOI, January 2020.
Project Contact Officer:	All communications in connection with this invitation to register an EOI for this package 662NSP2023 Analysers, including clarification regarding this package 662NSP2023 Analysers 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 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.