

Hawsons Iron awards contracts to global specialists to progress BFS

Hawsons Iron Ltd (HIO) has engaged global specialists to examine optimum infrastructure pathways, process engineering design and decarbonisation opportunities to improve the economics and Environment, Social and Governance (ESG) outcomes for its Hawsons Iron Project.

Key points

- **Worley Services Pty Ltd (Worley) with Mineral Technologies Pty Ltd, has been engaged to manage the Hawsons Iron Project's process engineering studies.**
- **Worley's Advisian business has been engaged to determine an ideal Energy Balance that optimises ESG and sustainability outcomes.**
- **As part of the extended Bankable Feasibility Study (BFS) studies to incorporate a 20 million tonne per annum (Mtpa) production option:**
 - **slurry pipeline specialists Fortin Pipelines will examine an underground, direct-to-port slurry pipeline; and**
 - **global port infrastructure experts Royal HaskoningDHV will examine port options.**
- **SLR Consulting to lead the environmental approvals across New South Wales and South Australia.**
- **BFS work program is progressing on schedule with expanded scope.**

Worley has signed a feasibility services agreement with HIO to undertake, together with its subcontractor Mineral Technologies, the metallurgical and process engineering for the process plant test work program and mine engineering design to deliver the most cost-effective solution for the Hawsons Iron Project.

Worley's Advisian consulting business has also been engaged to identify and analyse an ideal energy balance and decarbonisation opportunities to improve environment, social and governance (ESG) outcomes and broader sustainability opportunities for the project.

Slurry pipeline specialist Fortin Pipelines has been appointed to examine an underground, cross country direct-to-port slurry pipeline, while port infrastructure expert Royal HaskoningDHV has been appointed to examine port options, as part of the extended BFS studies to incorporate a 20 Mtpa annum (Mtpa) production option.

Fortin Pipelines, with experience in the design and implementation of over 20 long-distance slurry pipelines across 15 countries, including major long-distance slurry pipeline assets in Brazil, India, Peru, and Australia, will assess the Project's direct to port pipeline design and system selection.

Port infrastructure expert Royal HaskoningDHV will investigate optimal port export sites and facility design and operational performance outcomes capable of yielding sustainable benefits, measurable against United Nations Sustainability Development Goals.

Global environmental advisory firm, SLR Consulting, recently appointed as Environmental Impact Statement (EIS) Consultant to lead environmental approvals in NSW will also manage the project's environmental approvals in South Australia.

Hawsons Iron Executive Chairman Bryan Granzien said the appointments are critical to advancing the project's BFS, which will deliver a sound platform to finance the detailed design, construction and commissioning of the Hawsons Iron Project.

He said the appointments and progress of the Project's BFS were taking the Company closer to answering the world's call for high-grade iron ore products essential to decarbonising the steel industry.

"No one else we know has an ore body like ours, and we can be leaders towards zero emissions mining," he said.

"These companies are global mining specialists with the necessary big project expertise to deliver the most innovative and sustainable design to maximise production, commercial returns and ESG outcomes for our Hawsons Iron Project.

"Through the BFS we have the opportunity to maximise the value of the Hawsons Iron Project," Mr Granzien said. "I've said before, we're leaving no stone unturned to unlock the full potential of this world-class and large-scale iron ore resource and we're doing it by engaging the very best in their fields."

Released by authority of the Board

Hawsons Iron Ltd
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About Hawsons Iron Ltd

Hawsons Iron Ltd (ASX: HIO) is an iron ore developer and producer listed on the Australian Securities Exchange. The company is focussed on developing its flagship Hawsons Iron Project near Broken Hill into a premium provider of high-quality iron ore products for the global steel industry.

The Hawsons Iron Project is situated 60km southwest of Broken Hill, New South Wales, Australia in the emerging Braemar Iron Province. Prefeasibility Study (PFS) results for the Project, which was completed in 2017, showed that it is capable of producing the world's highest-grade iron product (70% Fe), making it the world's leading undeveloped high-quality iron ore concentrate and pellet feed project. Leading research firm Wood Mackenzie in Q2 FY 2019 rated the project one of the world's best high-grade iron ore development projects, excluding replacement or expansion projects owned by the established miners.



The Hawsons Iron Project Bankable Feasibility Study (BFS) is targeted for completion in December 2022.

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