\*\*\*\*\* Approved by AIP Authority on Wed May 03 2023 13:27:00 GMT+1000 (AEST) \*\*\*\*\*



Australian Jobs Act 2013

AIP Plan reference code:

Australian Industry Participation Plan Summary - Project Phase

**Nominated project proponent:** TECHNOLOGY METALS AUSTRALIA LIMITED

Project details

Name: Murchison Technology Metals Project

Location: Meekatharra, Western Australia

Type: Mine or quarry

Purpose: Establish new facility

Capital expenditure: $500 million - $1 billion

Description: Technology Metals Australia Limited (ASX:TMT) is an ASX-listed company focused on the exploration and development of its flagship, 100% owned Murchison Technology Metals Project (MTM P) located 50km southeast of Meekatharra in the Mid-West of Western Australia. The MTMP comprises the Gabanintha and Yarrabubba vanadium deposits and is one of the highest-grade vanadium projects in the world with the lowest quartile operating costs once developed. Combined, the two vanadium projects contain 153.7Mt at 0.8% V2O5. The completion of the Integration Study has facilitated the progression of the Implementation Phase of the MTMP and move the project into development, construction and operation. Vanadium is being increasingly recognised as a critical mineral, with the US, Europe and Australia listing the specialty metal in their Critical Minerals List. While the main use of vanadium is currently in the steel industry, where it is primarily used in metal alloys such a rebar and structural steel, high-speed tools, titanium alloys, and steel for aircraft and automotive applications, an emerging and very significant use for vanadium is the rapidly developing energy storage (battery) sector with the expanding use and increasing penetration of vanadium redox flow batteries (VRFBs). VRFBs provide an efficient storage and re-supply solution for renewable energy – being able to time-shift large amounts of previously generated energy for later use – ideally suited to micro-grid to large-scale energy storage solutions (grid stabilisation). Gabanintha forms the core of the Murchison Technology Metals Project, representing the bulk of the mineral resource and the site of the proposed processing plant and associated infrastructure. Once constructed the MTMP will house a workforce of approximately 350 full time employees.

Completion date: 31 Dec 2025

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|  |  |
| --- | --- |
| Key goods and servicesIndicative list of key goods and services to be acquired for the project:**Opportunities for****Opportunities for****Key goods and services Australian entities \* non-Australian****entities** | **Explanation for no opportunities for Australian entities** |

|  |  |
| --- | --- |
| Early Works - Non-Process Infrastructure |  Yes No |
|  |  |
|  |  |

Early Works - Water Bores Yes No

Early Works -

Telecommunications Infrastructure

Crushing Milling and Beneficiation Yes No

Contract Mining Services Yes No

Power Station Yes No

Minor Works Yes No

Mine Planning and Design Services Yes No

Tailings Dam Design Services Yes No

Facilities Management Yes No

Product Handling and Haulage Yes No

Kiln Package - Engineering and Procurement

Supply and manufacture of the Kiln is NOT

Supply and Manufacture - Kiln No Yes

within Australian Capabilities

|  |  |
| --- | --- |
| Process Plant - Engineering & Procurement (EPC) |  Yes No |

Processing Plant Construction Yes No

Power Distribution Yes No

Natural Gas Pipeline Yes No

Port Facility Storage Yes No

Site Survey Services Yes No

Emergency Services (Personnel and Equipment)

Vehicle Hire - Construction Yes No

Fuel Yes No

Charter Flights - Construction Yes No

Waste Management Yes No

Gas Supply Yes No

Early Works - Earthworks, Roads and Enabling Works

|  |  |
| --- | --- |
| Roasting Package - Engineering and Procurement |  Yes No |

Village Camp Construction Yes No

IT Support Services Yes No

\*

An Australian entity is an entity with an ABN or ACN
Project standards:

Australian
International

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Yes No

Yes Yes

Yes No

Yes No

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Supplier information and communication

Project proponent’s contact person for supplier enquiries:

**Contact person name** Darren Dawes

**Contact person position** Commercial Manager

**Phone number** 0451108266

**E-mail** darren@tmtlimited.com.au

Project proponent website: <https://www.tmtlimited.com.au>

Project opportunities website: <https://www.tmtlimited.com.au/Suppliers>

Supplier engagement and communication actions :

Promote project opportunities through industry associations

Engage with vendor identification agencies on project opportunities and bid processes

Conduct supplier information briefings on project opportunities and bid processes

Issue media releases or ASX announcements on project developments and opportunities

Directly contact suppliers with information on project opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

Recommend suppliers undertake training and/or accreditation
Provide market intelligence to suppliers

Global supply chain integration actions:

Facilitate strategic partnering and joint ventures between Australian and international suppliers
Feedback process for unsuccessful bidders:

We will provide feedback to unsuccessful bidders as required in a fair, objective, and reasonable manner. Some principles of communication will include: Use of clear and concise language in a direct manner: When providing feedback, the Company will ensure our message is clear and concise and avoid the use of jargon or technical terms that the bidder may not understand. Highlighting strengths and weaknesses: In addition to explaining why the bidder was not successful, it is important to highlight the strengths and weaknesses of their proposal. This can help the bidder understand where they can improve for future projects. Provision of specific examples: We will aim to provide specific examples of areas where the bidder can improve their proposal. For example, if their budget was too high, provide suggestions on how they can reduce costs. Objective feedback: We will provide feedback based on the evaluation criteria of the project scope of work, quality and material specifications, and other relevant criteria. We will seek to avoid personal opinions or biases when providing feedback. Encouragement of future bidding: We will conclude the feedback by encouraging the bidder to participate in future procurement processes and to keep improving their proposals. Overall, providing feedback to unsuccessful bidders can be a helpful way to improve the quality of proposals in future procurement processes. It can also help build positive relationships with bidders and promote transparency and fairness in the procurement process.

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Australian Industry Participation Plan Summary - Operations Phase

**Nominated facility operator:** THE KOP VENTURES PTY LTD

Facility details

Name: Murchison Technology Metals Project
Location: Meekatharra, Western Australia
Type: Mine or quarry

Key goods and services

Indicative list of key goods and services to be acquired for the new facility:

**Opportunities for**

**Opportunities for**

**Key goods and services Australian entities \* non-Australian**

**entities**

Facilities Management - Operations Yes No

Product Handling and Haulage Yes No

Contract Mining Services Yes No

Power Supply Yes No

Supply of Natural Gas Pipeline Yes No

Port Facility Storage Yes No

Site Survey Services Yes No

Emergency Services (Personnel and Equipment)

Vehicle Hire - Operations Yes No

Equipment Hire - Operations Yes No

Charter Flights - FIFO Operations Yes No

Waste Management Yes No

Fuel Supply Yes No

Gas Supply Yes No

Mobile Crane Hire Yes No

Plant & Equipment Hire Yes No

Safety & Industrial Supplies Yes No

Shutdown & Maintenance Services - Operations

**Explanation for no opportunities for Australian entities**

Yes No

Yes No

|  |  |
| --- | --- |
| Head Office & Site IT support Services |  Yes No |

\*An Australian entity is an entity with an ABN or ACN
Facility standards:

Australian
International

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Supplier information and communication

Facility operator’s contact person for supplier enquiries:

**Contact person name** Darren Dawes

**Contact person position** Commercial Manager

**Phone number** 0451108266

**E-mail** darren@tmtlimited.com.au

Facility operator website: <https://www.tmtlimited.com.au>

Facility opportunities website: <https://www.tmtlimited.com.au/Suppliers>

Supplier engagement and communication actions :

Promote project opportunities through industry associations

Conduct supplier information briefings on project opportunities and bid processes

Issue media releases or ASX announcements on project developments and opportunities

Directly contact suppliers with information on project opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

Provide market intelligence to suppliers

Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

Facilitate strategic partnering and joint ventures between Australian and international suppliers
Feedback process for unsuccessful bidders:

We will provide support to the procurement entities as required in the correct way to communicate with the unsuccessful bidders. We will encourage them to; Be clear and concise: When providing feedback, make sure your message is clear and concise. Avoid using jargon or technical terms that the bidder may not understand. Use simple language to explain why the bidder was not successful. Highlight strengths and weaknesses: In addition to explaining why the bidder was not successful, it is important to highlight the strengths and weaknesses of their proposal. This can help the bidder understand where they can improve for future projects. Be specific: Provide specific examples of areas where the bidder can improve their proposal. For example, if their budget was too high, provide suggestions on how they can reduce costs. By referring to the bid assessments provide feedback on the capabilities & capacities of the bidder if appropriate. Feedback can also include the quality of the proposal and they skill sets of the nominated key personnel. Be objective: Provide feedback based on the evaluation criteria of the project statement. Avoid personal opinions or biases. Encourage future bidding: End the feedback by encouraging the bidder to participate in future procurement processes and to keep improving their proposals. Overall, providing feedback to unsuccessful bidders can be a helpful way to improve the quality of proposals in future procurement processes. It can also help build positive relationships with bidders and promote transparency and fairness in the procurement process.

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