\*\*\*\*\* Approvedty AIP Atthority on Fri Nov 04 2022 1 6:2 2 :03 GM T+1 1 00 (AEDT)\*\*\*\*\*

|  |  |
| --- | --- |
|  | Australian Industry Participation Authority |

**Australian Jobs Act 2013**

**AI**P Plan reference code:

**Australian Industry Participation Plan Summary - Project Phase**

**Nominated project proponent:** PROJECT HABER PTY LTD as Trustee for the Project Haber Trust

**Project details**

Name: Project Haber

Location: Arrowsmith East, WA

Type: Other productive facility

Purpose: Establish new facility

Capital expenditure: $500 million or more

Description: Project Haber, located about 40km South East of Dongara in Western Australia's **Mid-West** Region, will produce up to 1.4 million tonnes per annum of urea, a form of nitrogen fertilizer, for use domestically and internationally. The natural gas feedstock for the plant is from the Proponent's South Erregulla gas field, which will be supplemented with green hydrogen via a 10MW hydrogen electrolyser onsite. The project consists of the design and construction of the plant, including: - 800ktpa ammonia synthesis unit; - 1,400ktpa urea synthesis unit; -1,400ktpa urea granulation unit; - Power and steam generation; - Air separation unit; - Utilities; - Urea Storage facilities; - Control and operational buildings; - Workshops; and - Staff amenities The procurement strategy is under development, but is anticipated to include a front end engineering and design (FEED) contract and an engineering, procurement and construction contract (EPC). All Procurement entities, including the FEED and EPC contractors, will be required to meet the requirements of the AIP Plan. The FEED contract is likely to be awarded in Q1 2023, with the EPC contract being awarded at at the conclusion of FEED and financing, anticipate to be late 2023 or early 2024. The detailed contract and procurement schedule will be further developed in the FEED stage.

Completion date: 31 Dec 2026

**Key goods and services**

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

|  |  |
| --- | --- |
| **Key goods Opportunities for****and services Australian entities\***  | **Opportunities for****non-Australian Explanation for no opportunities for Australian entities entities** |
| Front End Engineering and Design (FEED) | Yes Yes |

Page 1 of 6

\*\*\*\*\* Approvedty AIP Atthority on Fri Nov 04 2022 1 6:2 2 :03 GM T+1 1 00 (AEDT)\*\*\*\*\*

The manufacture of granular urea consists of 3 major units, namely; (i) Ammonia synthesis unit (Topsoe), (ii) Urea synthesis unit

Ucensor (Saipem), and (iii) Urea Granulation unit (thyssenkrupp). Strike has

Technology No Yes selected these licensors after a review of best in class technology.

Design They hold exclusive patents for their respective technologies and no

suitable alternative technologies are available from Australian companies that can meet the projects technical requirements.

Detailed Design

Ucensor Equipment Structural, Civil, Mechanical, Electrical and Instrumentation Bulk Materials Material Handling Equipment Water Extraction and Treatment Travel

Services Geotechnical Services Surveying Services

Freight Forwarding and Customs Temporary Site Facilities Worker Camp Services Permanent Site Buildings

Fuel Storage and

Distribution Module Supply and Fabrication Structural Steel Supply and Fabrication Civil, Mechanical, Electrical and Instrumentation Construction Services

Site Clearance Piping Supply and Fabrication

Yes Yes

Yes Yes

Yes Yes

Yes Yes

Yes Yes

Yes No

Yes No

Yes No

Yes Yes

Yes Yes

Yes No

Yes Yes

Yes No

Yes Yes

Yes Yes

Yes No

Yes No

Yes Yes

Page 2 of 6

\*\*\*\*\* Approvedty AIP Atthority on Fri Nov 04 2022 1 6:2 2 :03 GM T+1 1 00 (AEDT)\*\*\*\*\*

|  |  |
| --- | --- |
| Front End Engineering and Design (FEED) Worker Camp Fabrication and Construction | Yes YesYes Yes |

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

Australian
International

**Supplier information and communication**

Project proponent's contact person for supplier enquiries:

**Contact person name** Tim Walker

**Contact person position** Contract Manager

**Phone number** 0870997400

**E-mail** project.haber@strikeenergy.com.au

Project proponent website: [strikeenergy.com.au](http://strikeenergy.com.au)

Project opportunities website: The ICN Gateway project website will be activated during the FEED stage allowing sufficient time for Australian industry participation in the tender packages, anticipated to be Q2, 2023. Further particulars of ICN Gateway can be found at https://gateway.icn.org.au/ and information regarding Project Haber can be located on Strike's website at <https://strikeenergy.com.au/.>

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

Develop and distribute a supplier information guide for the project

Directly contact suppliers with information on project opportunities and bid processes

Page 3 of 6

\*\*\*\*\* Approvedty AIP Atthority on Fri Nov 04 2022 1 6:2 2 :03 GM T+1 1 00 (AEDT)\*\*\*\*\*

**Building Australian industry capability**

Supplier capability development actions:

Recommend suppliers undertake training and/or accreditation
Transfer new product and process technology to suppliers
Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

Support suppliers to register with global supplier databases

Facilitate strategic partnering and joint ventures between Australian and international suppliers

Support supplier export and global integration initiatives of industry associations or governments

Feedback process for unsuccessful bidders:

In accordance with the requirements of the Australian Jobs Act 2013, unsuccessful bidders will be provided feedback on their tenders by the Strike or the EPC Contractor (subject to the requirements of confidentiality, competition and consumer protection laws). Feedback will include recommendations of relevant training, skills, capability and capacity development.

Page 4 of 6

|  |  |  |
| --- | --- | --- |
| **Opportunities for Australian entities\***  | **Opportunities for non-Australian entities** | **Explanation for no opportunities for Australian entities** |

Licensor brownfield engineering on Licensor

No Yes equipment packages can only be carried out by

Licensors due to patent and intellectual property requirements.

Yes Yes

Yes Yes

Yes Yes

Yes No

Yes No

Yes Yes

Yes Yes

Yes No

Yes No

Yes No

Yes Yes

Yes No

Yes Yes

\*\*\*\*\* Approvedty AIP Atthority on Fri Nov 04 2022 1 6:2 2 :03 GM T+1 1 00 (AEDT)\*\*\*\*\*

**Australian Industry Participation Plan Summary - Operations Phase**

**Nominated facility operator:** PROJECT HABER PTY LTD as Trustee for the Project Haber Trust

**Facility details**

Name: Project Haber

Location: Arrowsmith East, WA

Type: Other productive facility

**Key goods and services**

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

**Key goods and services**

Licensor Brownfields Engineering

Structural, Civil, Mechanical, Electrical and Instrumentation Bulk Materials

Material Handling Equipment Water Extraction and Treatment

Travel Services

Surveying Services

Freight Forwarding and Customs

Transportation and Logistics Worker Camp Fabrication, Construction/Decommissioning Worker Camp Services Fuel Storage and Distribution Piping and Structural Steel Supply and Fabrication Civil, Mechanical, Electrical and Instrumentation Maintenance Services Brownfields engineering on non-licensor facilities,

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

Australian
International

Page 5 of 6

\*\*\*\*\* Approvedty AIP Atthority on Fri Nov 04 2022 1 6:2 2 :03 GM T+1 1 00 (AEDT)\*\*\*\*\*

**Supplier information and communication**

Facility operator's contact person for supplier enquiries:

**Contact person name** Tim Walker

**Contact person position** Contract Manager

**Phone number** 0870997400

**E-mail** project.haber@strikeenergy.com.au

Facility operator website: General information about the facility will be published on Strikes website, which is https://strikeenergy.com.au/

Facility opportunities website: Operational services opportunities will be published on the ICN Gateway website, which is <http://gateway.icn.org.au>

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

Develop and distribute a supplier information guide for the project

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
Transfer new product and process technology to suppliers
Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

Support suppliers to register with global supplier databases

Facilitate strategic partnering and joint ventures between Australian and international suppliers

Provide references for high performing suppliers

Feedback process for unsuccessful bidders:

In accordance with the requirements of the Australian Jobs Act 2013, unsuccessful bidders will be provided feedback by Strike on their tenders (subject to the requirements of confidentiality, competition and consumer protection laws). Feedback will include recommendations of relevant training, skills and capacity development.

Page 6 of6