



Jimblebar Beneficiation

Iron Ore Project – Expression of Interest

Project Overview: The proposed Jimblebar Beneficiation project is located within BHP's existing Jimblebar mine in the Pilbara region of Western Australia. An overview of the Jimblebar beneficiation Project is available at <https://gateway.icn.org.au/>

Package Title: Cyclones

Reference: 7741-S-53954

Package Description: Fabrication and Supply of Cyclones:

<u>Rougher Deslime Cyclone (15µm)</u>	
Description	Hydraulic cyclone cluster complete with feed pot, underflow and overflow launders and actuated isolation knifegate valves.
Number of Cluster	12
Cyclones per Cluster	24
Diameter	250 mm
Design Feed Rates per cluster	392 dt/h
% Solids in Feed (volume)	4.0 % - 6.0 % v/v
% Solids in Feed (weight)	17 - 23 % w/w
Underflow fines to product (underflow)	77 %
Specific throughput (per cyclone)	80 m ³ /h
Average solids SG	3.9 t/m ³
Cut Size - D50 (operating range)	13 – 19 µm
<u>Cleaner Deslime Cyclone (15µm)</u>	
Description	Hydraulic cyclone cluster complete with feed pot, underflow and overflow launders and actuated isolation knifegate valves.
Number of Cluster	12

Cyclones per Cluster	24
Diameter	250 mm
Design Feed Rates per cluster	215 dt/h
% Solids in Feed (volume)	6.0 % w/w
% Solids in Feed (weight)	17 - 23 % w/w
Underflow fines to product (underflow)	94.3 %
Specific throughput (per cyclone)	80 m ³ /h
Average solids SG	3.9 t/m ³
Cut Size - D50 (operating range)	13 – 19 µm

Target Award Date: Q3, CY2022

Expression of Interest (EOI): Suppliers and Contractors are invited to express an interest in this scope of work by registering on the [ICN Gateway](#) online platform. Please ensure that your ICN Gateway company profile is up to date before registering your EOI

EOI Closing date: 16 December 2021

Package Description: Industry Capability Network of Western Australia. (+618) 9365 7490

URL's: For more information about BHP Billiton please refer to the company website www.bhpbilliton.com
For information on specific project opportunities please visit the ICN Gateway online platform at gateway.icn.org.au

Disclaimer: This package description and target award date is indicative only and subject to change. It is intended to provide only a brief outline of certain works that may be required for the proposed Jimblebar Beneficiation Project and should be read in conjunction with the Jimblebar Beneficiation Project description on ICN Gateway

INSTRUCTIONS TO SUPPLIERS

1. EOI TERMS AND CONDITIONS

The Company reserves the right to reject any EOI submission for any or no reason, at its sole discretion.

Nothing in this EOI document may be relied upon as a guarantee by the Company that the tender process alluded to in the EOI document will be undertaken or that any future work or supply will be awarded.

2. EVIDENCE OF CAPABILITY

EOI participants are to include examples of equivalent (or nearest equivalent) of the supply the subject of EOI, including year of supply and client.

3. PREQUALIFICATION PROCESS

Notwithstanding that an EOI participant may be an existing approved vendor to Company (or in the event that any EOI participant is not an existing Company approved vendor), Company may require such participant to complete additional pre-qualification documentation.

Supplier is to provide phone and e-mail contact details for representative who will be able to respond to any questions Company may have.