



Brownfield Expansion Project (BFX)

Olympic Dam Projects – Expression of Interest

Project Overview: The proposed BFX Project is to deliver a brown field expansion of its underground and surface operations to deliver increased throughput of the existing plant and increasing overall copper production capacity.

Package Title: **BFX097 & BFX098 - Engineering Services for Water Package 1 & 2 - Primary Water Supply and Storage:**

The engineering services are for the following packages:

Reference:

1. Alternate Site Water (Mine Dewatering & Tails Dam Bores)
2. Upgrade process Water & Potable water Pond Pump stations
3. M6 replacement pipeline
4. 22ML/Day Desalination Plant
5. 100ML Process Water Dam
6. 85ML Potable Water Dam

BHP is seeking expressions of interest (EOI) from contractors capable of completing detailed engineering and construction study works for the following scopes, on an individual or combined basis:

Alternate Site Water (Mine Dewatering & Tails Dam Bores, etc)

Study to identify alternate sources of process and potable water apart from current GAB bores.

Upgrade process Water & Potable water Pond Pump stations

Identify required upgrades to pumps/motors at Pumping Stations to achieve flows, including supporting power and controls infrastructure.

M6 replacement pipeline

Hydraulic, foundation and corrosion protection system for a 200km buried pipeline, including in-line valve pits and pump station connections.

Package Description:

22ML/Day Desalination Plant

Technology selection and process integration of a desalination plant, including power and controls infrastructure.

100ML Process Water Dam

Hydraulic, civil works and a leak detection system for a Process Water Dam. The dam is to be lined and covered.

85ML Potable Water Dam

Hydraulic, civil works and a leak detection system for a Potable Water Dam. The dam is to be lined and covered.

BFX SPS Engineering Services

The contractor shall demonstrate capabilities in:

- Concept development and design control of both Brown-fields and Green-fields works,
- Value Optimisation,

- Technical Specification and Construction Scope of Work writing,
- Delivery of Estimate and Basis of Estimate for all phases,
- Delivery of Schedule and Basis of Schedule for all phases, and
- Integration of these services into the wider BFX works.

Details on your organisational capacity, capability, and experience in delivering such services safely will be used to form a shortlist for tender.

Scope Overview:	<p>The successful contractor, selected at the conclusion of this EOI and subsequent tender, will be capable of:</p> <ul style="list-style-type: none"> - Allocation of appropriately skilled and qualified personnel, including but not limited to the following capabilities : <ul style="list-style-type: none"> ○ Engineering (mechanical, electrical, metallurgical, process, civil, structural, drafting) ○ Project Controls (cost, estimating, scheduling) ○ Contracts & Procurement (contract specialists, procurement specialists) ○ Project Management ○ Construction Management ○ Risk Management ○ Safety Management ○ Technical writing - Management of the Contractor team including subcontractors and sub-consultancies - Execution of the study scope within the approved budget and delivery schedule. - Preparation of a study deliverables and a detailed study report. - Technical writing of reports, scopes of work and other documents as required. - Maintaining client confidentiality and information security. <p>The contractor will be required to deliver the following:</p> <ul style="list-style-type: none"> - Development of detailed engineering study reports, recommendations, engineering calculations, engineering drawings, cost estimate updates and schedule updates. - Facilitation of risk reviews, design reviews, cost and schedule reviews. - Routine reports on progress, cost and schedule. - A final updated study report(s). <p>At all times during the delivery of the services the contractor will be expected to adhere to BHP safety policies and standards including participation in BHPs field leadership program.</p>
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Target Award Date:	Q4 CY 2018
Expression of Interest (EOI):	Suppliers 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.
Contact:	Industry Capability Network of South Australia. (+618) 8429 3376

Project URL's:

For more information about BHP please refer to the company website
www.bhp.com

For information on specific project opportunities please visit the ICN Gateway online platform at www.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 BFX Project and should be read in conjunction with the BFX project description on ICN Gateway.