



## Brownfield Expansion Project (BFX)

### Olympic Dam Projects – Expression of Interest

<b>Project Overview:</b>	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.
<b>Package Title:</b>	<b>Refinery</b>
<b>Reference:</b>	BFX-SPS–(Reschedule) Refinery Engineering Services
<b>Package Description:</b>	<p>BHP is seeking expressions of interest (EOI) from contractors capable of completing detailed engineering and construction study works for the following scopes:</p> <ul style="list-style-type: none"><li>- Refinery Optimisation<ul style="list-style-type: none"><li>o optimise selected engineering solutions for the proposed facility upgrades in the Refinery area. Work on this package is planned to start prior to commencement of the SPS Refresh Deliverables package.</li></ul></li><li>- SPS Refresh Deliverables<ul style="list-style-type: none"><li>o review and update engineering, cost estimates and schedule for the proposed facility upgrades in the Mills, Hydromet and Refinery areas with updated mine plan throughput details.</li></ul></li><li>- Detailed Engineering<ul style="list-style-type: none"><li>o undertake detailed engineering for the proposed facility upgrades in the Refinery area. Work on this package is planned to start after completion of the SPS Refresh Deliverables package.</li></ul></li><li>- Dynamic Modelling<ul style="list-style-type: none"><li>o undertake further dynamic modelling work to confirm production volume estimates of the existing and future refinery facilities. This work is planned to be undertaken on the existing dynamic model.</li></ul></li></ul> <p>Details on your organisational capacity, capability, and experience in delivering such services safely will be used to form a shortlist for tender.</p>
<b>Scope Overview:</b>	<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"><li>- Allocation of appropriately skilled and qualified personnel, including but not limited to the following capabilities :<ul style="list-style-type: none"><li>o Dynamic Modelling</li><li>o Engineering (mechanical, electrical, metallurgical, process, civil, structural, drafting)</li><li>o Project Controls (cost, estimating, scheduling)</li><li>o Contracts &amp; Procurement (contract specialists, procurement specialists)</li><li>o Project Management</li><li>o Construction Management</li><li>o Risk Management</li></ul></li></ul>

	<ul style="list-style-type: none"> <li>○ Safety Management</li> <li>○ Technical writing</li> <li>- Management of the Contractor team including subcontractors and sub-consultancies</li> <li>- Execution of the study scope within the approved budget and delivery schedule.</li> <li>- Preparation of a study deliverables and a detailed study report.</li> <li>- Technical writing of reports, scopes of work and other documents as required.</li> <li>- Maintaining client confidentiality and information security.</li> </ul> <p>The contractor will be required to deliver the following:</p> <ul style="list-style-type: none"> <li>- Development of detailed engineering study reports, recommendations, engineering calculations, engineering drawings, cost estimate updates and schedule updates.</li> <li>- Facilitation of risk reviews, design reviews, cost and schedule reviews.</li> <li>- Routine reports on progress, cost and schedule.</li> <li>- A final updated study report(s).</li> </ul> <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 BHP's field leadership program.</p>
<p><b>Target Award Date:</b></p> <p><b>Expression of Interest (EOI):</b></p> <p><b>Contact:</b></p> <p><b>Project URL's:</b></p> <p><b>Disclaimer:</b></p>	<p>Q3 CY 2019</p> <p>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.</p> <p>Industry Capability Network of South Australia. (+618) 409 583 961</p> <p>For more information about BHP please refer to the company website <a href="http://www.bhp.com">www.bhp.com</a></p> <p>For information on specific project opportunities please visit the ICN Gateway online platform at <a href="http://gateway.icn.org.au">gateway.icn.org.au</a>.</p> <p>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.</p>