



## 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 Olympic Dam's underground and surface operations to deliver increased throughput of the existing plant and increasing overall copper production capacity.
<b>Package Title:</b>	<b>BFX Digital Strategy</b>
<b>Reference:</b>	BFX–SPS–Engineering Environment Setup (BFX327 & BFX328)
<b>Package Description:</b>	<p>BHP is seeking expressions of interest (EOI) from contractors capable of completing detailed engineering and administration works for the following:</p> <ul style="list-style-type: none"><li>• Review of process/fluid conditions and update of piping and valve specifications;</li><li>• Preparation of specifications and datasheets for input into SmartPlant reference data (SRD) technical libraries; and,</li><li>• Configuration of SmartPlant reference data.</li></ul>
<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>○ Engineering (mechanical, electrical, metallurgical, process, civil, structural, drafting)</li><li>○ Project Controls (cost, estimating, scheduling)</li><li>○ Contracts &amp; Procurement (contract specialists, procurement specialists)</li><li>○ Project Management</li><li>○ Construction Management</li><li>○ Risk Management</li><li>○ Safety Management</li><li>○ Technical writing</li></ul></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> <p>In order to efficiently apply Smart 3D design tools for the BFX project, the Olympic Dam piping specifications and valve datasheets require updating and reformatting. This work will require:</p> <ul style="list-style-type: none"><li>• Review of existing fluid/process condition;</li><li>• Definition of appropriate fluid codes to represent range of conditions;</li><li>• Review suitability of existing piping specifications and valve datasheets for each fluid code defined;</li><li>• Assign redefined fluid codes to existing piping specifications and valve datasheets;</li><li>• Update piping specifications and valve datasheets and reformat ready for populating SRD technical libraries; and,</li></ul>

	<ul style="list-style-type: none"> <li>• Populating SRD.</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>
<b>Target Award Date:</b>	Q3 CY 2019
<b>Expression of Interest (EOI):</b>	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.
<b>Contact:</b>	Industry Capability Network of South Australia. (+618) 8226 3011
<b>Project URL's:</b>	<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>
<b>Disclaimer:</b>	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.