



Brownfield Expansion Project (BFX)

Olympic Dam Projects – Expression of Interest

Project Overview:	<p>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.</p> <p>A number of testwork packages are required to be completed to provide engineering design and equipment selection information. One Contractor can manage the combined Testing Services package and the individual testing services maybe subcontracted.</p>
Package Title:	Combined Testing Services
Reference:	BFX-SPS–Combined Testing Services
Package Description:	<p>BHP is seeking expressions of interest (EOI) from contractors capable of completing Testing Services for the following scopes:</p> <ul style="list-style-type: none">• Grinding – SMC testing• Smelter Slag furnace Coke Injection – submerged lance powdered coke to improve impurity removal.• Autoclave leaching of Refinery Raw Slimes - autoclave oxidation prior to leaching including radionuclide department.• Refinery slimes settling– settling rate determination for slimes thickener size calculation• Tailing Settling – consolidation characteristics of tailings slimes and full tailings, beach angle, compaction density, rheology• Tailings geochemistry-NAP/NAG, metals mobilisation for full tailings and tailings slimes, tailings neutralisation.• Tailings paste filtration – filter area required• Cemented paste strength testing - UCS• Geotechnical core testing - UCS• Ground penetrating radar in refinery building area - develop bedrock depth profile in proposed refinery building area <p>Details on your organisational capacity, capability, and experience in delivering such services safely will be used to form a shortlist for tender.</p>
Scope Overview:	<p>The work includes sampling, off-site laboratory testwork as well as Olympic Dam site based plant testwork.</p> <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">○ NATA compliant testing facilities and procedures.○ Hazardous materials testing○ Assaying○ Geotechnical testing○ Project Management○ Risk Management○ Safety Management

	<ul style="list-style-type: none"> ○ 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 testwork and study deliverables and a detailed 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"> - Detailed testwork study reports. - Facilitation of risk reviews, testwork planning 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 BHP's field leadership program.</p>
<p>Target Award Date:</p> <p>Expression of Interest (EOI):</p> <p>Contact:</p> <p>Project URL's:</p> <p>Disclaimer:</p>	<p>Q4 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. (+61) 409 583 961</p> <p>For more information about BHP please refer to the company website www.bhp.com</p> <p>For information on specific project opportunities please visit the ICN Gateway online platform at gateway.icn.org.au.</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>