



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:	Pastoral Water Infrastructure Survey
Reference:	BFX-SPS-081
Package Description:	<p>BHP is seeking expressions of interest (EOI) for suitable qualified professionals to conduct a mapping survey on the pastoral stations surrounding the Wellfield B (in the Marree region of South Australia). Following the completed survey, a final report will be presented in the required format (example contents in Figure 1).</p> <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 survey would record, for each well on each property (refer to table in Figure 2), the following parameters (being the minimum indenture requirement plus additional information required to support BHP Billiton decision making and approvals):</p> <ul style="list-style-type: none">• Well name• Well location (X, Y, Z)• Well depth• Water quality (temperature, EC pH, TDS, major anions/cations)• Flow rate / annual water usage• Wellhead pressure (shut-in and flow pressure) or depth to water if sub-artesian• Detailed description of well infrastructure and condition with photographs• Detailed mapping and description of reticulation network from wells (all pipelines, tanks, troughs, dams and overflows) including:<ul style="list-style-type: none">○ X, Y, Z (including for entire pipelines)○ Specifications of all infrastructure○ Photographs○ Faults/leaks/overflows etc• A digital layer compatible with ArcGIS of the pipeline infrastructure for each well on each property will be provided. <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>
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

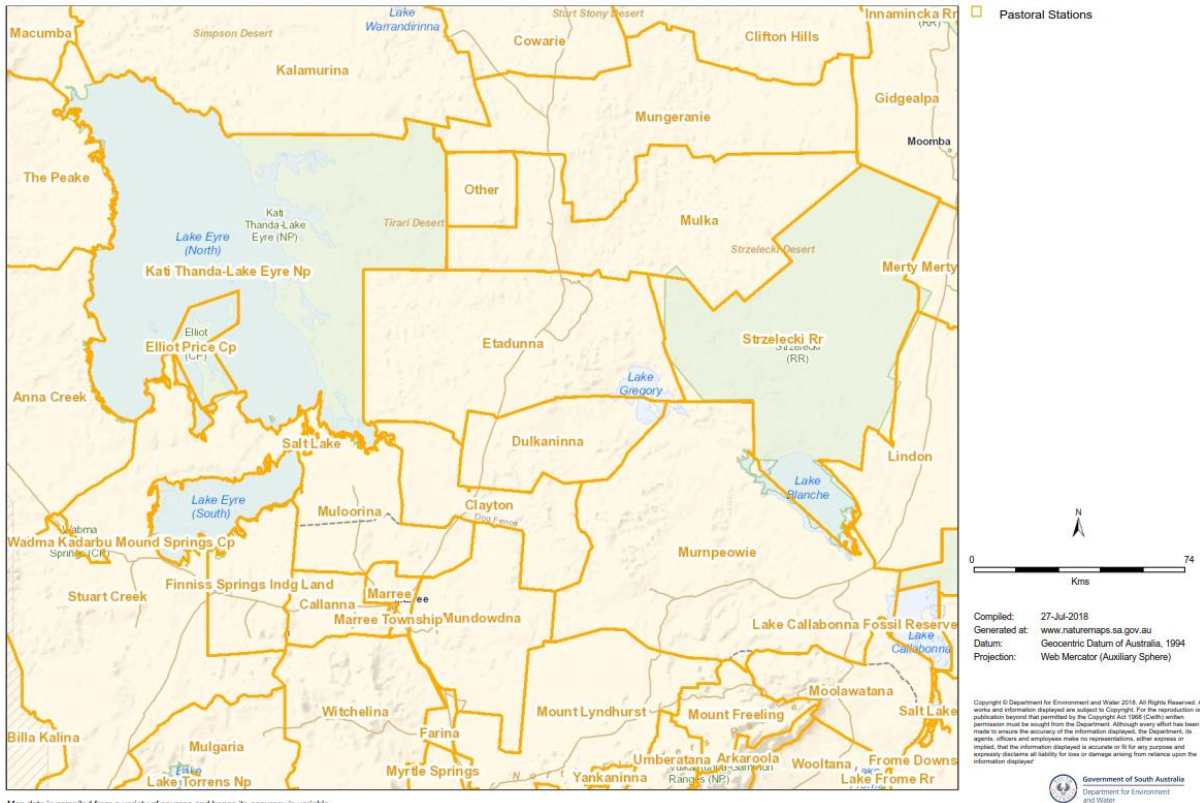
Project URL's:	For more information about BHP please refer to the company website www.bhp.com For information on specific project opportunities please visit the ICN Gateway online platform at www.gateway.icn.org.au .
Disclaimer:	This package description and target award date is indicative only and subject 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.

Figure 1 - Final Report example Contents:

- **Introduction**
- **Extent of Survey**
- **Survey Approach**
- **Comments**
- **Recommendations**
- **Limitations**
- **Acknowledgements**
- **References**
- **Tables:**
- **Figures: Locality Plan / stations**

Figure 2 - Properties within this project include:

Station	In Scope Wells
Anna Creek	Prices Bore 2
Callanna	WCB1, Maynards, Morphetts, Callanna 2, Highway Broilga,
Clayton	Clayton 1, Clayton 2, Tarkaninna 2, Yarra Hill, Clayton Dam 2
Dulkaninna	Dulkaninna 2, Jewellery Creek 2, Cooryaninna 2, Sinclair
Etadunna	Georgia 2, Boocaltaninna, Cannawaukaninna, New Kopperamanna, Peachawarinna
Finniss Springs	Morris Creek, Charles Angus
Mulka	Mulka 2
Muloorina	Cooranna, Peters, Marion, Lake Harry, WCB2, OB3, Muloorina
Mundowdna	Lake Billy 2, Two Mile 2, Well Creek 2, Wirringina Spring, Tent Hill 2
Murnpeowie	Chapalanna 2, Nick O Time, Troudaninna 3, Toonketchen, Murnpeowie Homestead, Toopawarinna



Map data is compiled from a variety of sources and hence its accuracy is variable.

Figure 2 – Map of Pastoral properties within this project