

## **APPENDIX A TFO CAPITAL COST ESTIMATE**



AESO Project Name & No.	Grist Lake 190S		D.0387/P1258	<b>TRANSMISSION PROJECT ESTIMATE SUMMARY</b>
Prepared by:	AltaLink Management Ltd			
AACE Class:	N/A	Estimate Basis	Service Proposal	
High Range	20%	Low Range	-10%	
Date of Estimate:	October 26, 2016	Base Year Used	2016	
In Service Date	12/1/2019			
	SYSTEM	PARTICIPANT	TOTAL	ASSUMPTIONS
<b>TRANSMISSION LINE</b>				
Material		\$ 1,702,439	\$ 1,702,439	
Labour		\$ 8,199,775	\$ 8,199,775	
Supply & Install			\$ -	
<b>TOTAL TRANSMISSION LINE</b>	\$ -	\$ 9,902,214	\$ 9,902,214	
<b>SUBSTATION</b>				
Material		\$ 7,463,251	\$ 7,463,251	
Labour		\$ 14,618,554	\$ 14,618,554	
Supply & Install			\$ -	
<b>TOTAL SUBSTATION</b>	\$ -	\$ 22,081,805	\$ 22,081,805	
<b>TELECOMMUNICATION</b>				
Material		\$ 186,784	\$ 186,784	
Labour		\$ 992,389	\$ 992,389	
Supply & Install			\$ -	
<b>TOTAL TELECOMMUNICATIONS</b>	\$ -	\$ 1,179,173	\$ 1,179,173	
<b>OWNERS</b>				
Pre-SP Cost		\$ 21,451	\$ 21,451	
Service Proposal		\$ 182,637	\$ 182,637	
Facility Applications		\$ 700,501	\$ 700,501	
Regulatory & Compliance		\$ -	\$ -	
Land Rights - Easements		\$ 123,898	\$ 123,898	
Land - Damage Claims		\$ 125,312	\$ 125,312	
Land - Acquisitions		\$ -	\$ -	
Land - Other		\$ -	\$ -	
<b>TOTAL OWNERS COST</b>	\$ -	\$ 1,153,799	\$ 1,153,799	
<b>DISTRIBUTED</b>				
Procurement Management		\$ 245,498	\$ 245,498	
Project Management		\$ 2,856,417	\$ 2,856,417	
Construction Management		\$ 3,499,044	\$ 3,499,044	
Contingency		\$ 5,252,147	\$ 5,252,147	
Escalation		\$ 1,502,762	\$ 1,502,762	
<b>TOTAL DISTRIBUTED</b>	\$ -	\$ 13,355,868	\$ 13,355,868	
<b>SALVAGE</b>				
Transmission Line Labour		\$ -	\$ -	
Substation Labour		\$ -	\$ -	
Telecom Labour		\$ -	\$ -	
Land Remediation and Reclamation		\$ -	\$ -	
<b>TOTAL SALVAGE</b>	\$ -	\$ -	\$ -	
<b>OTHER COSTS</b>				
AFUDC			\$ -	
E&S/Overhead		\$ 3,872,013	\$ 3,872,013	
<b>TOTAL OTHER</b>	\$ -	\$ 3,872,013	\$ 3,872,013	
<b>TOTAL PROJECT</b>	\$ -	\$ 51,544,872	\$ 51,544,872	