

**APPENDIX B      TFO CAPITAL COST ESTIMATES**

Project Name & No.	Enterprise Solar Project Connection		D.0784 / P2300		TRANSMISSION PROJECT ESTIMATE SUMMARY	Capital Maintenance (if applicable)	
Prepared by:	AltaLink Management Ltd.						
AACE Class: (future use)	3	Estimate Basis	Facility Application				
High Range	20%	Low Range	-10%				
Date of Estimate:	29-Jun-21	Base Year Used	2021				
In Service Date:	31-Aug-22						
	SYSTEM	CUSTOMER	TOTAL	ASSUMPTIONS			
<b>TRANSMISSION LINE</b>							
Material	\$ -	\$ 22,442	\$ 22,442		\$ -		
Labour	\$ -	\$ 134,999	\$ 134,999		\$ -		
Supply & Install	\$ -	\$ -	\$ -		\$ -		
<b>TOTAL TRANSMISSION LINE</b>	<b>\$ -</b>	<b>\$ 157,440</b>	<b>\$ 157,440</b>		<b>\$ -</b>		
<b>SUBSTATION</b>							
Material	\$ -	\$ 576,113	\$ 576,113		\$ -		
Labour	\$ -	\$ 1,003,153	\$ 1,003,153		\$ -		
Supply & Install	\$ -	\$ -	\$ -		\$ -		
<b>TOTAL SUBSTATION</b>	<b>\$ -</b>	<b>\$ 1,579,266</b>	<b>\$ 1,579,266</b>		<b>\$ -</b>		
<b>TELECOMMUNICATION</b>							
Material	\$ -	\$ 177,129	\$ 177,129		\$ -		
Labour	\$ -	\$ 400,797	\$ 400,797		\$ -		
Supply & Install	\$ -	\$ -	\$ -		\$ -		
<b>TOTAL TELECOMMUNICATIONS</b>	<b>\$ -</b>	<b>\$ 577,926</b>	<b>\$ 577,926</b>		<b>\$ -</b>		
<b>OWNERS</b>							
Pre-SP cost	\$ -	\$ 814	\$ 814		\$ -		
Proposal to Provide Service	\$ -	\$ 79,104	\$ 79,104		\$ -		
Facility Applications	\$ -	\$ 73,111	\$ 73,111		\$ -		
Regulatory & Compliance	\$ -	\$ -	\$ -		\$ -		
Land Rights - Easements	\$ -	\$ -	\$ -		\$ -		
Land - Damage Claims	\$ -	\$ -	\$ -		\$ -		
Land - Acquisitions	\$ -	\$ -	\$ -		\$ -		
Other	\$ -	\$ 20,000	\$ 20,000		\$ -		
<b>TOTAL OWNERS COST</b>	<b>\$ -</b>	<b>\$ 173,029</b>	<b>\$ 173,029</b>		<b>\$ -</b>		
<b>DISTRIBUTED</b>							
Procurement Management		\$ 14,958	\$ 14,958		\$ -		
Project Management		\$ 469,310	\$ 469,310		\$ -		
Construction Management		\$ 141,476	\$ 141,476		\$ -		
Contingency	\$ -	\$ 169,500	\$ 169,500		\$ -		
Escalation	\$ -	\$ 57,642	\$ 57,642		\$ -		
<b>TOTAL DISTRIBUTED</b>	<b>\$ -</b>	<b>\$ 852,886</b>	<b>\$ 852,886</b>		<b>\$ -</b>		
<b>SALVAGE</b>							
Transmission Line Labour	\$ -	\$ -	\$ -		\$ -		
Substation Labour	\$ -	\$ 34,100	\$ 34,100		\$ -		
Telecom Labour	\$ -	\$ -	\$ -		\$ -		
Land Remediation and Reclamation	\$ -	\$ -	\$ -		\$ -		
<b>TOTAL SALVAGE</b>	<b>\$ -</b>	<b>\$ 34,100</b>	<b>\$ 34,100</b>		<b>\$ -</b>		
<b>OTHER COSTS</b>							
AFUDC	\$ -	\$ -	\$ -		\$ -		
E&S/Overhead		\$ 353,098	\$ 353,098		\$ -		
<b>TOTAL OTHER</b>	<b>\$ -</b>	<b>\$ 353,098</b>	<b>\$ 353,098</b>		<b>\$ -</b>		
<b>TOTAL PROJECT</b>	<b>\$ -</b>	<b>\$ 3,727,746</b>	<b>\$ 3,727,746</b>		<b>\$ -</b>		

<b>AESO Project Name &amp; No.</b>	<b>Enterprise Solar Project Connection</b>		<b>P2300</b>		
<b>Prepared by:</b>	<b>Hardline Engineering Ltd.</b>				
<b>AACE Class:</b>	<b>3</b>	<b>Estimate Basis</b>	<b>Service Proposal</b>		
<b>High Range</b>	<b>20%</b>	<b>Low Range</b>	<b>-10%</b>		
<b>Date of Estimate:</b>	<b>2021-07-21</b>	<b>Base Year \$</b>	<b>2022</b>		
<b>In Service Date</b>	<b>2022-08-31</b>	<b>In Service Year \$</b>	<b>2022</b>		
	<b>SYSTEM</b>	<b>PARTICIPANT</b>	<b>TOTAL</b>	<b>ASSUMPTIONS</b>	
<b>TRANSMISSION LINE</b>					
Material	\$ -	\$ 40,000	\$ 40,000	35m 138 kV single circuit OTL	
Labour	\$ -	\$ 50,000	\$ 50,000	Steel pole direct embedded	
Supply & Install	\$ -	\$ -	\$ -		
<b>TOTAL TRANSMISSION LINE</b>	<b>\$ -</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>		
<b>SUBSTATION</b>					
Material	\$ -	\$ -	\$ -		
Labour	\$ -	\$ -	\$ -		
Supply & Install	\$ -	\$ -	\$ -		
<b>TOTAL SUBSTATION</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		
<b>TELECOMMUNICATION</b>					
Material	\$ -	\$ -	\$ -		
Labour	\$ -	\$ -	\$ -		
Supply & Install	\$ -	\$ -	\$ -		
<b>TOTAL TELECOMMUNICATIONS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		
<b>OWNERS</b>					
Pre-SP Cost	\$ -	\$ 65,000	\$ 65,000		
Service Proposal	\$ -	\$ 2,000	\$ 2,000		
Facility Applications	\$ -	\$ 10,000	\$ 10,000		
Regulatory & Compliance	\$ -	\$ -	\$ -		
Land Rights - Easements	\$ -	\$ -	\$ -		
Land - Damage Claims	\$ -	\$ -	\$ -		
Land - Acquisitions	\$ -	\$ -	\$ -		
Land - Other	\$ -	\$ -	\$ -		
<b>TOTAL OWNERS COST</b>	<b>\$ -</b>	<b>\$ 77,000</b>	<b>\$ 77,000</b>		
<b>DISTRIBUTED</b>					
Procurement Management	\$ -	\$ 5,000	\$ 5,000		
Project Management	\$ -	\$ 15,000	\$ 15,000		
Construction Management	\$ -	\$ 5,000	\$ 5,000		
Contingency	\$ -	\$ 15,000	\$ 15,000		
Escalation	\$ -	\$ -	\$ -		
<b>TOTAL DISTRIBUTED</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>		
<b>SALVAGE</b>					
Transmission Line Labour	\$ -	\$ -	\$ -		
Substation Labour	\$ -	\$ -	\$ -		
Telecom Labour	\$ -	\$ -	\$ -		
Land Remediation and Reclamation	\$ -	\$ -	\$ -		
<b>TOTAL SALVAGE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		
<b>OTHER COSTS</b>					
AFUDC	\$ -	\$ -	\$ -		
E&S	\$ -	\$ -	\$ -		
<b>TOTAL OTHER</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		
<b>TOTAL PROJECT</b>	<b>\$ -</b>	<b>\$ 207,000</b>	<b>\$ 207,000</b>		