

# **TFO and MP COST ESTIMATES**

AESO Project Name & No.	Jurassic MPC Solar Battery Project		P2411 / D.0810		<b>TRANSMISSION PROJECT ESTIMATE SUMMARY</b>
Prepared by:	Altalink Management Ltd.				
AACE Class:	3	Estimate Basis	SP		
High Range	20%	Low Range	-10%		
Date of Estimate:	5-Jun-22	Base Year	2022		
In Service Date	14-Dec-23	In Service Year	2023		
	SYSTEM	PARTICIPANT	TOTAL		ASSUMPTIONS
<b>TRANSMISSION LINE</b>					
Material	\$	-	\$ 156,830	\$	156,830
Labour	\$	-	\$ 418,982	\$	418,982
Supply & Install	\$	-	\$ -	\$	-
<b>TOTAL TRANSMISSION LINE</b>	<b>\$</b>	<b>-</b>	<b>\$ 575,812</b>	<b>\$</b>	<b>575,812</b>
<b>SUBSTATION</b>					
Material	\$	-	\$ 107,131	\$	107,131
Labour	\$	-	\$ 476,750	\$	476,750
Supply & Install	\$	-	\$ -	\$	-
<b>TOTAL SUBSTATION</b>	<b>\$</b>	<b>-</b>	<b>\$ 583,881</b>	<b>\$</b>	<b>583,881</b>
<b>TELECOMMUNICATION</b>					
Material	\$	-	\$ 276,900	\$	276,900
Labour	\$	-	\$ 371,500	\$	371,500
Supply & Install	\$	-	\$ -	\$	-
<b>TOTAL TELECOMMUNICATIONS</b>	<b>\$</b>	<b>-</b>	<b>\$ 648,400</b>	<b>\$</b>	<b>648,400</b>
<b>OWNERS</b>					
Pre-SP Cost	\$	-	\$ 10,608	\$	10,608
Service Proposal	\$	-	\$ 31,362	\$	31,362
Facility Applications	\$	-	\$ 93,036	\$	93,036
Regulatory & Compliance	\$	-	\$ 2,274	\$	2,274
Land Rights - Easements	\$	-	\$ 57,807	\$	57,807
Land - Damage Claims	\$	-	\$ 9,325	\$	9,325
Land - Acquisitions	\$	-	\$ -	\$	-
Land - Other	\$	-	\$ 15,000	\$	15,000
<b>TOTAL OWNERS COST</b>	<b>\$</b>	<b>-</b>	<b>\$ 219,412</b>	<b>\$</b>	<b>219,412</b>
<b>DISTRIBUTED</b>					
Procurement Management	\$	-	\$ 20,757	\$	20,757
Project Management	\$	-	\$ 486,311	\$	486,311
Construction Management	\$	-	\$ 172,342	\$	172,342
Contingency	\$	-	\$ 246,010	\$	246,010
Escalation	\$	-	\$ 57,565	\$	57,565
<b>TOTAL DISTRIBUTED</b>	<b>\$</b>	<b>-</b>	<b>\$ 982,985</b>	<b>\$</b>	<b>982,985</b>
<b>SALVAGE</b>					
Transmission Line Labour	\$	-	\$ -	\$	-
Substation Labour	\$	-	\$ 3,000	\$	3,000
Telecom Labour	\$	-	\$ -	\$	-
Land Remediation and Reclamation	\$	-	\$ -	\$	-
<b>TOTAL SALVAGE</b>	<b>\$</b>	<b>-</b>	<b>\$ 3,000</b>	<b>\$</b>	<b>3,000</b>
<b>OTHER COSTS</b>					
AFUDC	\$	-	\$ -	\$	-
E&S	\$	-	\$ 414,900	\$	414,900
<b>TOTAL OTHER</b>	<b>\$</b>	<b>-</b>	<b>\$ 414,900</b>	<b>\$</b>	<b>414,900</b>
<b>TOTAL PROJECT</b>	<b>\$</b>	<b>-</b>	<b>\$ 3,428,390</b>	<b>\$</b>	<b>3,428,390</b>

<b>AESO Project Name &amp; No.</b>	<b>Jurassic MPC Solar</b>		<b>P2411</b>	<b>TRANSMISSION PROJECT ESTIMATE SUMMARY</b>
<b>Prepared by:</b>	<b>ATCO</b>			
<b>AACE Class:</b>	<b>N/A</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>August 3, 2022</b>	<b>Base Year \$</b>	<b>2022</b>	
<b>In Service Date</b>	<b>2023-12-31</b>	<b>In Service Year \$</b>	<b>2023</b>	
	<b>SYSTEM</b>	<b>PARTICIPANT</b>	<b>TOTAL</b>	<b>ASSUMPTIONS</b>
<b>TRANSMISSION LINE</b>				
Material	\$ -	\$ -	\$ -	
Labour	\$ -	\$ -	\$ -	
Supply & Install	\$ -	\$ -	\$ -	
<b>TOTAL TRANSMISSION LINE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>SUBSTATION</b>				
Material	\$ -	\$ 210	\$ 210	
Labour	\$ -	\$ 38,625	\$ 38,625	
Supply & Install	\$ -	\$ -	\$ -	
<b>TOTAL SUBSTATION</b>	<b>\$ -</b>	<b>\$ 38,835</b>	<b>\$ 38,835</b>	
<b>TELECOMMUNICATION</b>				
Material	\$ -	\$ 2,061	\$ 2,061	
Labour	\$ -	\$ 12,573	\$ 12,573	
Supply & Install	\$ -	\$ -	\$ -	
<b>TOTAL TELECOMMUNICATIONS</b>	<b>\$ -</b>	<b>\$ 14,634</b>	<b>\$ 14,634</b>	
<b>OWNERS</b>				
Pre-SP Cost	\$ -	\$ -	\$ -	
Service Proposal	\$ -	\$ -	\$ -	
Facility Applications	\$ -	\$ -	\$ -	
Regulatory & Compliance	\$ -	\$ -	\$ -	
Land Rights - Easements	\$ -	\$ -	\$ -	
Land - Damage Claims	\$ -	\$ -	\$ -	
Land - Acquisitions	\$ -	\$ -	\$ -	
Land - Other	\$ -	\$ -	\$ -	
<b>TOTAL OWNERS COST</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>DISTRIBUTED</b>				
Procurement Management	\$ -	\$ -	\$ -	
Project Management	\$ -	\$ 18,802	\$ 18,802	
Construction Management	\$ -	\$ 9,504	\$ 9,504	
Contingency	\$ -	\$ 7,360	\$ 7,360	
Escalation	\$ -	\$ -	\$ -	
<b>TOTAL DISTRIBUTED</b>	<b>\$ -</b>	<b>\$ 35,666</b>	<b>\$ 35,666</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	\$ -	\$ 8,913	\$ 8,913	
<b>TOTAL OTHER</b>	<b>\$ -</b>	<b>\$ 8,913</b>	<b>\$ 8,913</b>	
<b>TOTAL PROJECT</b>	<b>\$ -</b>	<b>\$ 98,048</b>	<b>\$ 98,048</b>	

**THE MP HAS REQUESTED THEIR COST ESTIMATE NOT BE PROVIDED  
DUE TO CONFIDENTIALITY AND COMMERCIAL SENSITIVITY**