

**APPENDIX B TFO CAPITAL COST ESTIMATES - AML**

**Appendix B2 – Cost breakdown formats – requirements TS43**

Project Name & No.	Irma Wind Power Project			P0937	Transmission Project Estimate Summary	Capital Maintenance (if applicable)
Prepared by:	Altalink					
AACE Class: (future use)	3	Estimate Basis	Service Proposal			
High Range	+10% to +30%	Low Range	-10% to -20%			
Date of Estimate:	7/10/2017	Base Year Used	2017			
	SYSTEM	CUSTOMER	TOTAL	ASSUMPTIONS		
<b>TRANSMISSION LINE</b>						
Material	\$ -	\$ 1,556,829	\$ 1,556,829		\$	
Labour	\$ -	\$ 6,795,665	\$ 6,795,665		\$	
Supply & Install	\$ -	\$ -	\$ -		\$	
<b>TOTAL TRANSMISSION LINE</b>	<b>\$ -</b>	<b>\$ 8,352,494</b>	<b>\$ 8,352,494</b>		<b>\$</b>	
<b>SUBSTATION</b>						
Material	\$ -	\$ 609,893	\$ 609,893		\$	
Labour	\$ -	\$ 1,915,451	\$ 1,915,451		\$	
Supply & Install	\$ -	\$ -	\$ -		\$	
<b>TOTAL SUBSTATION</b>	<b>\$ -</b>	<b>\$ 2,525,344</b>	<b>\$ 2,525,344</b>		<b>\$</b>	
<b>TELECOMMUNICATION</b>						
Material	\$ -	\$ 27,903	\$ 27,903		\$	
Labour	\$ -	\$ 178,111	\$ 178,111		\$	
Supply & Install	\$ -	\$ -	\$ -		\$	
<b>TOTAL TELECOMMUNICATIONS</b>	<b>\$ -</b>	<b>\$ 206,014</b>	<b>\$ 206,014</b>		<b>\$</b>	
<b>OWNERS</b>						
Pre-PPS cost	\$ -	\$ 299,938	\$ 299,938		\$	
Proposal to Provide Service	\$ -	\$ 325,673	\$ 325,673		\$	
Facility Applications	\$ -	\$ 468,694	\$ 468,694		\$	
Regulatory & Compliance	\$ -	\$ 45,061	\$ 45,061		\$	
Land Rights - Easements	\$ -	\$ 241,920	\$ 241,920		\$	
Land - Damage Claims	\$ -	\$ 35,000	\$ 35,000		\$	
Land - Acquisitions	\$ -	\$ -	\$ -		\$	
Other	\$ -	\$ -	\$ -		\$	
<b>TOTAL OWNERS COST</b>	<b>\$ -</b>	<b>\$ 1,416,286</b>	<b>\$ 1,416,286</b>		<b>\$</b>	
<b>DISTRIBUTED</b>						
Procurement Management	\$ -	\$ 251,026	\$ 251,026		\$	
Project Management	\$ -	\$ 1,284,103	\$ 1,284,103		\$	
Construction Management	\$ -	\$ 1,200,219	\$ 1,200,219		\$	
Contingency	\$ -	\$ 1,431,371	\$ 1,431,371	9.4% Contingency	\$	
Escalation	\$ -	\$ 214,031	\$ 214,031	3.1% Escalation	\$	
<b>TOTAL DISTRIBUTED</b>	<b>\$ -</b>	<b>\$ 4,380,750</b>	<b>\$ 4,380,750</b>		<b>\$</b>	
<b>SALVAGE</b>						
Transmission Line Labour	\$ -	\$ -	\$ -		\$	
Substation Labour	\$ -	\$ -	\$ -		\$	
Land Remediation and Reclamation	\$ -	\$ -	\$ -		\$	
<b>TOTAL SALVAGE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		<b>\$</b>	
<b>OTHER COSTS</b>						
AFUDC	\$ -	\$ -	\$ -		\$	
E&S/Overhead	\$ -	\$ 1,489,315	\$ 1,489,315		\$	
<b>TOTAL OTHER</b>	<b>\$ -</b>	<b>\$ 1,489,315</b>	<b>\$ 1,489,315</b>		<b>\$</b>	
<b>TOTAL PROJECT</b>	<b>\$ -</b>	<b>\$ 18,370,202</b>	<b>\$ 18,370,202</b>		<b>\$</b>	