

APPENDIX B TFO CAPITAL COST ESTIMATES

Project Name & No.	Fortis New Hornbeck 345S Substation		D.0521	TRANSMISSION PROJECT ESTIMATE SUMMARY
Prepared by:	AltaLink			
AACE Class: (future use)	N/A	Estimate Basis	NID	
High Range	30%	Low Range	-30%	
Date of Estimate:	April 1, 2016	Base Year Used	2016	
	SYSTEM	CUSTOMER	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$ -	\$ 150,000	\$ 150,000	
Labour	\$ -	\$ 863,000	\$ 863,000	
Supply & Install	\$ -	\$ 200,000	\$ 200,000	
TOTAL TRANSMISSION LINE	\$ -	\$ 1,213,000	\$ 1,213,000	
SUBSTATION				
Material	\$ -	\$ 2,713,000	\$ 2,713,000	
Labour	\$ -	\$ 2,090,000	\$ 2,090,000	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL SUBSTATION	\$ -	\$ 4,803,000	\$ 4,803,000	
TELECOMMUNICATION				
Material	\$ -	\$ 62,000	\$ 62,000	
Labour	\$ -	\$ 221,000	\$ 221,000	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	\$ -	\$ 284,000	\$ 284,000	
OWNERS				
Pre-PPS cost	\$ -	\$ 90,000	\$ 90,000	
Proposal to Provide Service	\$ -	\$ 55,000	\$ 55,000	
Facility Applications	\$ -	\$ 224,000	\$ 224,000	
Regulatory & Compliance	\$ -	\$ -	\$ -	
Land Rights - Easements	\$ -	\$ 20,000	\$ 20,000	
Land - Damage Claims	\$ -	\$ -	\$ -	
Land - Acquisitions	\$ -	\$ -	\$ -	
Other	\$ -	\$ -	\$ -	
TOTAL OWNERS COST	\$ -	\$ 389,000	\$ 389,000	
DISTRIBUTED				
Procurement Management	\$ -	\$ 37,000	\$ 37,000	
Project Management	\$ -	\$ 495,000	\$ 495,000	
Construction Management	\$ -	\$ 385,000	\$ 385,000	
Contingency	\$ -	\$ 1,055,000	\$ 1,055,000	
Escalation	\$ -	\$ 550,000	\$ 550,000	
TOTAL DISTRIBUTED	\$ -	\$ 2,521,000	\$ 2,521,000	
SALVAGE				
Transmission Line Labour	\$ -	\$ -	\$ -	
Substation Labour	\$ -	\$ 14,000	\$ 14,000	
Telecom Labour	\$ -	\$ -	\$ -	
Land Remediation and Reclamation	\$ -	\$ -	\$ -	
	\$ -	\$ -	\$ -	
	\$ -	\$ -	\$ -	
TOTAL SALVAGE	\$ -	\$ 14,000	\$ 14,000	
OTHER COSTS				
AFUDC	\$ -	\$ 596,000	\$ 596,000	
E&S/Overhead	\$ -	\$ 539,000	\$ 539,000	
TOTAL OTHER	\$ -	\$ 1,136,000	\$ 1,136,000	
TOTAL PROJECT	\$ -	\$ 10,359,000	\$ 10,359,000	2019 Dollars

Project Name & No.	Modifications at Edson 58S Substation		D.0521	TRANSMISSION PROJECT ESTIMATE SUMMARY
Prepared by:	AltaLink			
AACE Class: (future use)	N/A	Estimate Basis	NID	
High Range	30%	Low Range	-30%	
Date of Estimate:	April 1, 2016	Base Year Used	2016	
	SYSTEM	CUSTOMER	TOTAL	ASSUMPTIONS
TRANSMISSION LINE				
Material	\$ -	\$ -	\$ -	
Labour	\$ -	\$ -	\$ -	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TRANSMISSION LINE	\$ -	\$ -	\$ -	
SUBSTATION				
Material	\$ -	\$ 100,000	\$ 100,000	
Labour	\$ -	\$ 391,000	\$ 391,000	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL SUBSTATION	\$ -	\$ 491,000	\$ 491,000	
TELECOMMUNICATION				
Material	\$ -	\$ -	\$ -	
Labour	\$ -	\$ -	\$ -	
Supply & Install	\$ -	\$ -	\$ -	
TOTAL TELECOMMUNICATIONS	\$ -	\$ -	\$ -	
OWNERS				
Pre-PPS cost	\$ -	\$ 92,000	\$ 92,000	
Proposal to Provide Service	\$ -	\$ 48,000	\$ 48,000	
Facility Applications	\$ -	\$ 131,000	\$ 131,000	
Regulatory & Compliance	\$ -	\$ -	\$ -	
Land Rights - Easements	\$ -	\$ -	\$ -	
Land - Damage Claims	\$ -	\$ -	\$ -	
Land - Acquisitions	\$ -	\$ -	\$ -	
Other	\$ -	\$ -	\$ -	
TOTAL OWNERS COST	\$ -	\$ 271,000	\$ 271,000	
DISTRIBUTED				
Procurement Management	\$ -	\$ 7,000	\$ 7,000	
Project Management	\$ -	\$ 100,000	\$ 100,000	
Construction Management	\$ -	\$ 54,000	\$ 54,000	
Contingency	\$ -	\$ 95,000	\$ 95,000	
Escalation	\$ -	\$ 37,000	\$ 37,000	
TOTAL DISTRIBUTED	\$ -	\$ 292,000	\$ 292,000	
SALVAGE				
Transmission Line Labour	\$ -	\$ -	\$ -	
Substation Labour	\$ -	\$ -	\$ -	
Telecom Labour	\$ -	\$ -	\$ -	
Land Remediation and Reclamation	\$ -	\$ -	\$ -	
	\$ -	\$ -	\$ -	
	\$ -	\$ -	\$ -	
TOTAL SALVAGE	\$ -	\$ -	\$ -	
OTHER COSTS				
AFUDC	\$ -	\$ 126,000	\$ 126,000	
E&S/Overhead	\$ -	\$ 67,000	\$ 67,000	
TOTAL OTHER	\$ -	\$ 192,000	\$ 192,000	
TOTAL PROJECT	\$ -	\$ 1,247,000	\$ 1,247,000	2019 Dollars