

APPENDIX B TFO CAPITAL COST ESTIMATES

Project Name & No.	Medicine Hat 321S		D.0534	TRANSMISSION PROJECT ESTIMATE SUMMARY	Capital Maintenance (if applicable)
Prepared by:	AltaLink				
AACE Class: (future use)	N/A	Estimate Basis	PPS		
High Range	20%	Low Range	-10%		
Date of Estimate:	October 7, 2015	Base Year Used	2015		
	SYSTEM	CUSTOMER	TOTAL	ASSUMPTIONS	
TRANSMISSION LINE					
Material	\$ -	\$ -	\$ -		\$ -
Labour	\$ -	\$ 34,000	\$ 34,000		\$ -
Supply & Install	\$ -	\$ 518,000	\$ 518,000		\$ -
TOTAL TRANSMISSION LINE	\$ -	\$ 552,000	\$ 552,000		\$ -
SUBSTATION					
Material	\$ -	\$ 868,000	\$ 868,000		\$ -
Labour	\$ -	\$ 114,000	\$ 114,000		\$ -
Supply & Install	\$ -	\$ 2,992,000	\$ 2,992,000		\$ -
TOTAL SUBSTATION	\$ -	\$ 3,974,000	\$ 3,974,000		\$ -
TELECOMMUNICATION					
Material	\$ -	\$ 5,000	\$ 5,000		\$ -
Labour	\$ -	\$ -	\$ -		\$ -
Supply & Install	\$ -	\$ 179,000	\$ 179,000		\$ -
TOTAL TELECOMMUNICATIONS	\$ -	\$ 184,000	\$ 184,000		\$ -
OWNERS					
Pre-PPS cost	\$ -	\$ 162,000	\$ 162,000		\$ -
Proposal to Provide Service	\$ -	\$ 152,000	\$ 152,000		\$ -
Facility Applications	\$ -	\$ 362,000	\$ 362,000		\$ -
Regulatory & Compliance	\$ -	\$ -	\$ -		\$ -
Land Rights - Easements	\$ -	\$ 105,000	\$ 105,000		\$ -
Land - Damage Claims	\$ -	\$ 11,000	\$ 11,000		\$ -
Land - Acquisitions	\$ -	\$ -	\$ -		\$ -
Other	\$ -	\$ -	\$ -		\$ -
TOTAL OWNERS COST	\$ -	\$ 792,000	\$ 792,000		\$ -
DISTRIBUTED					
Procurement Management	\$ -	\$ 28,000	\$ 28,000		\$ -
Project Management	\$ -	\$ 413,000	\$ 413,000		\$ -
Construction Management	\$ -	\$ 282,000	\$ 282,000		\$ -
Contingency	\$ -	\$ 588,000	\$ 588,000		\$ -
Escalation	\$ -	\$ -	\$ -		\$ -
TOTAL DISTRIBUTED	\$ -	\$ 1,310,000	\$ 1,310,000		\$ -
SALVAGE					
Transmission Line Labour	\$ -	\$ 71,000	\$ 71,000		\$ -
Substation Labour	\$ -	\$ 204,000	\$ 204,000		\$ -
Telecom Labour	\$ -	\$ -	\$ -		\$ -
Land Remediation and Reclamation	\$ -	\$ 46,000	\$ 46,000		\$ -
	\$ -	\$ -	\$ -		\$ -
	\$ -	\$ -	\$ -		\$ -
TOTAL SALVAGE	\$ -	\$ 321,000	\$ 321,000		\$ -
OTHER COSTS					
AFUDC	\$ -	\$ -	\$ -		\$ -
E&S/Overhead	\$ -	\$ 384,000	\$ 384,000		\$ -
TOTAL OTHER	\$ -	\$ 384,000	\$ 384,000		\$ -
TOTAL PROJECT	\$ -	\$ 7,518,000	\$ 7,518,000		\$ -

In 2017 dollars