

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

Project Name & No.		Fortis Okotoks 678S & High River 65S		1670		
Prepared by:		AltaLink				
AACE Class: (future use)		N/A	Estimate Basis		PPS	
High Range		+20%	Low Range		-10%	
Date of Estimate:		4-Jul-16	Base Year Used		2016	
Transmission Project Estimate Summary						Capital Maintenance (if applicable)
	SYSTEM	CUSTOMER	TOTAL	ASSUMPTIONS		
<b>TRANSMISSION LINE</b>						
Material	\$	0	\$	0	\$	0
Labour	\$	-	\$	-	\$	-
Supply & Install	\$	-	\$	-	\$	-
<b>TOTAL TRANSMISSION LINE</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>0</b>
<b>SUBSTATION</b>						
Material	\$	-	\$	4,231,037	\$	4,231,037
Labour	\$	-	\$	4,988,540	\$	4,988,540
Supply & Install	\$	-	\$	-	\$	-
<b>TOTAL SUBSTATION</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>9,219,577</b>	<b>\$</b>	<b>9,219,577</b>
<b>TELECOMMUNICATION</b>						
Material	\$	-	\$	-	\$	-
Labour	\$	-	\$	-	\$	-
Supply & Install	\$	-	\$	-	\$	-
<b>TOTAL TELECOMMUNICATIONS</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>
<b>OWNERS</b>						
Pre-PPS cost		\$	199,463	\$	199,463	Pre PPS cost incurred on Big Rock and Black Diamond Projects: \$459,838
Proposal to Provide Service		\$	301,129	\$	301,129	PPS cost incurred on Big Rock and Black Diamond Projects: \$ 796,780
Facility Applications		\$	135,736	\$	135,736	FA cost incurred on Big Rock and Black Diamond Projects: \$2,562,905
Regulatory & Compliance		\$	10,000	\$	10,000	
Land Rights - Easements		\$	17,893	\$	17,893	Land Rights cost incurred on Big Rock and Black Diamond Projects: \$64,895
Land - Damage Claims		\$		\$		Land Damage cost incurred on Big Rock and Black Diamond Projects: \$2,513
Land - Acquisitions		\$		\$		Land Acquisitions cost incurred on Big Rock and Black Diamond Projects: \$42,132
Other				\$		
<b>TOTAL OWNERS COST</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>664,221</b>	<b>\$</b>	<b>664,221</b>
<b>DISTRIBUTED</b>						
Procurement Management	\$	-	\$	203,343	\$	203,343
Project Management	\$	-	\$	1,216,826	\$	1,216,826
Construction Management	\$	-	\$	1,159,491	\$	1,159,491
Contingency	\$	-	\$	1,125,489	\$	1,125,489
Escalation	\$	-	\$	203,847	\$	203,847
<b>TOTAL DISTRIBUTED</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>3,908,996</b>	<b>\$</b>	<b>3,908,996</b>
<b>SALVAGE</b>						
Transmission Line Labour				\$		-
Substation Labour		\$	235,271	\$	235,271	
Land Remediation and Reclamation				\$		-
<b>TOTAL SALVAGE</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>235,271</b>	<b>\$</b>	<b>235,271</b>
<b>OTHER COSTS</b>						
AFUDC		\$	584,093	\$	584,093	6% AFUDC AFUDC incurred on previous Big Rock and Black Diamond projects is \$2,737
E&S/Overhead		\$	1,108,496	\$	1,108,496	6.4% E&S E&S incurred on previous Big Rock and Black Diamond projects: \$144,229
Cost Transferred from previous Big Rock and Black Diamond projects - "Legacy Costs" to be allocated for High River		\$	582,151		582,151	Costs incurred from Big Rock and Black Diamond Projects: \$4,657,204 - see above details
Cost Transferred from previous Big Rock and Black Diamond projects - "Legacy Costs" to be allocated for Okotoks		\$	4,075,054		4,075,054	Costs incurred from Big Rock and Black Diamond Projects: \$4,657,204 - see above details
<b>TOTAL OTHER</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>6,349,794</b>	<b>\$</b>	<b>6,349,794</b>
<b>TOTAL PROJECT</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>20,377,859</b>	<b>\$</b>	<b>20,377,859</b>