

Attachment 5 – TFO +20/-15% Cost Estimates, Amended Developments

Proposal to Provide Services (PPS) - Combined Summary

Project Name: Windy Flats 138kV Substation & Connection
Estimate Prepared by: Altalink Management Ltd
Estimate Date: October 4, 2011
Estimate Accuracy: +20 / -10 %
Revision: 1 **Revision Date:** 26-Apr-2012

	System Portion	Customer Portion	TOTAL
Transmission Line Costs			
Material	\$ 535,000	\$ -	\$ 535,000
Labour	\$ 1,327,000	\$ -	\$ 1,327,000
Total - Transmission Line	\$ 1,862,000	\$ -	\$ 1,862,000
Substation Facilities Cost			
Material	\$ 3,604,000	\$ -	\$ 3,604,000
Labour	\$ 1,654,000	\$ -	\$ 1,654,000
Total - Substation	\$ 5,258,000	\$ -	\$ 5,258,000
Telecommunication Cost			
Material	\$ -	\$ -	\$ -
Labour	\$ -	\$ -	\$ -
Total - Telecommunication	\$ -	\$ -	\$ -
Owner Costs			
Proposal to Provide Service	\$ -	\$ -	\$ -
Facility Applications	\$ -	\$ -	\$ -
Land Rights - Easements	\$ -	\$ -	\$ -
Land - Damage Claims	\$ -	\$ -	\$ -
Land - Acquisitions	\$ -	\$ -	\$ -
Total - Owner Costs	\$ -	\$ -	\$ -
Distributed Costs			
Procurement	\$ 134,000	\$ -	\$ 134,000
Project Management	\$ 372,000	\$ -	\$ 372,000
Construction Management	\$ 710,000	\$ -	\$ 710,000
Escalation	\$ 727,000	\$ -	\$ 727,000
Contingency	\$ 857,000	\$ -	\$ 857,000
Total - Distributed Costs	\$ 2,800,000	\$ -	\$ 2,800,000
Total - Direct Costs	\$ 9,920,000	\$ -	\$ 9,920,000
Salvage			
Transmission Line Labour	\$ 232,000	\$ -	\$ 232,000
Substation Labour	\$ -	\$ -	\$ -
Land Remediation and Reclamation	\$ -	\$ -	\$ -
Total - Salvage	\$ 232,000	\$ -	\$ 232,000
Other Costs			
E&S	\$ 471,000	\$ -	\$ 471,000
Total - Other Costs	\$ 471,000	\$ -	\$ 471,000
Total In-Direct Costs	\$ 703,000	\$ -	\$ 703,000
Total Project Costs	\$ 10,623,000	\$ -	\$ 10,623,000
AFUDC	\$ 1,133,000	\$ -	\$ 1,133,000

Proposal to Provide Services (PPS) - Combined Summary

Project Name: SFTP (Windy Flats to Foothills)
Estimate Prepared by: Altalink Management Ltd
Estimate Date: August 11, 2010
Estimate Accuracy: +20 / -10 %
Revision: 6 **Revision Date:** 26-Apr-2012

	System Portion	Customer Portion	TOTAL
Transmission Line Costs			
Material	\$ 66,530,000	\$ -	\$ 66,530,000
Labour	\$ 126,009,000	\$ -	\$ 126,009,000
Total - Transmission Line	\$ 192,539,000	\$ -	\$ 192,539,000
Substation Facilities Cost			
Material	\$ 13,340,000	\$ -	\$ 13,340,000
Labour	\$ 10,646,000	\$ -	\$ 10,646,000
Total - Substation	\$ 23,986,000	\$ -	\$ 23,986,000
Telecommunication Cost			
Material	\$ 501,000	\$ -	\$ 501,000
Labour	\$ 487,000	\$ -	\$ 487,000
Total - Telecommunication	\$ 988,000	\$ -	\$ 988,000
Owner Costs			
Proposal to Provide Service	\$ 1,440,000	\$ -	\$ 1,440,000
Facility Applications	\$ 17,666,000	\$ -	\$ 17,666,000
Land Rights - Easements	\$ 4,871,000	\$ -	\$ 4,871,000
Land - Damage Claims	\$ 701,000	\$ -	\$ 701,000
Land - Acquisitions	\$ 12,204,000	\$ -	\$ 12,204,000
Total - Owner Costs	\$ 36,882,000	\$ -	\$ 36,882,000
Distributed Costs			
Procurement	\$ 2,135,000	\$ -	\$ 2,135,000
Project Management	\$ 10,041,000	\$ -	\$ 10,041,000
Construction Management	\$ 14,840,000	\$ -	\$ 14,840,000
Escalation	\$ 33,415,000	\$ -	\$ 33,415,000
Contingency	\$ 65,864,000	\$ -	\$ 65,864,000
Total - Distributed Costs	\$ 126,294,000	\$ -	\$ 126,294,000
Total - Direct Costs	\$ 380,689,000	\$ -	\$ 380,689,000
Salvage			
Transmission Line Labour	\$ 1,058,000	\$ -	\$ 1,058,000
Substation Labour	\$ 5,000	\$ -	\$ 5,000
Land Remediation and Reclamation	\$ -	\$ -	\$ -
Total - Salvage	\$ 1,063,000	\$ -	\$ 1,063,000
Other Costs			
E&S	\$ 17,727,000	\$ -	\$ 17,727,000
Total - Other Costs	\$ 17,727,000	\$ -	\$ 17,727,000
Total In-Direct Costs	\$ 18,790,000	\$ -	\$ 18,790,000
Total Project Costs	\$ 399,478,000	\$ -	\$ 399,478,000
AFUDC	\$ 28,937,000	\$ -	\$ 28,937,000