

TOTAL ESTIMATED PROJECT COSTS

<u>Item No.</u>	<u>Description</u>	<u>Cost (\$)</u>
1.0	Material Costs	978,449
2.0	Labour Costs	2,837,838
3.0	External Costs	640,214
4.0	Overheads	222,825
5.0	Contingency	668,474
6.0	Total Project Cost	5,347,800

ESTIMATED COST OF PROPOSED PIPELINE

1.0 Material Costs		
1.1 Pipeline Costs		
1.1.1 Pipe		\$872,488
1.1.2 Other Materials (Valves, fittings, etc)		<u>\$105,961</u>
	Total Material Cost	\$978,449
2.0 Labour Costs		
2.1 Pipeline Installation Costs		
(includes installation, valve assembly, radiography, testing, etc.)		\$2,837,838
3.0 External Costs		
3.1 Environmental/Archeological Assessment		\$57,500
3.2 Geotechnical Investigation		\$42,000
3.3 Professional Project Management & Field Inspection Support		\$240,000
3.4 Slurry Treatment		\$80,000
3.5 Survey for Drafting		\$72,000
3.6 OEB Filing		\$20,000
3.7 On-Site Survey		\$75,000
3.8 Insurance		<u>\$53,714</u>
	Total External Cost	\$640,214
4.0 Overhead Costs		
4.1 Engineering, Planning and Design (5% of project subtotal)		\$222,825
5.0 Contingency Costs		
5.1 Project contingency (15% of project subtotal)		\$668,474
6.0 Total Project Costs		
	Total Project Cost	\$5,347,800