

## Annexe 1

Project	Gatineau Control Station Rebuild		
Location	Boulevard Maloney Ouest		
Area	90		
Date of Estimate	10/12/2017		
Estimated Duration	30 Days		
Estimated Total Cost	\$1,408,000.00		
Contingency	16%		
Total with Contingency	\$1,619,200.00		
Task Name	Item	Estimated Cost	Supporting Documentation
Pipe	Piping spools (Includes Pipe, Fittings and Fabrication)	\$ 150,000.00	Historical
Boilers	1 CWT (Boiler/Heat exchanger unit)	\$ 100,000.00	Quote from Tecvalco
Fittings	3-way Tee Stopper Fittings - 3	\$ 30,000.00	Historical
Valves	Valves - 11	\$ 100,000.00	Quote from KTI
Pressure Control	Lakeside Controls - Regulator Assembly	\$ 100,000.00	Quote from Lakeside
Pressure Control	Fuel supply package	\$ 10,000.00	Historical
Telemetry	Pressure & Temp. Transmitter (inlet & outlet)	\$ 10,000.00	Historical
Telemetry	ERX	\$ 5,000.00	Historical
<b>Materials</b>	<b>Sub-Total</b>	<b>\$ 608,000.00</b>	
Contractor Labour	Contractor Crew (field construction)	\$ 670,000.00	Quote from RBS
Landscaping	Landscaping	\$ 100,000.00	Historical
<b>Labour</b>	<b>Sub-Total</b>	<b>\$ 670,000.00</b>	
Employee Travel	Mileage and Hotel Expenses (\$3,000/month)(Construction Only)	\$ 3,000.00	Historical
Company Crew	Company Labour (\$8,000/day)(3 days for energizing/tie-ins)	\$ 24,000.00	Historical
Meals & Entertainment	Food and Beverages (\$1,000/month)(Construction Only)	\$ 1,000.00	Historical
Supplies	Misc. Materials (\$1,000/project)	\$ 1,000.00	Historical
Project Mgmt	Supervision/Overhead (\$12,000/month)(1 Year for Planning and Execution)	\$ 144,000.00	Historical
<b>Internal Costs</b>	<b>Sub-Total</b>	<b>\$ 173,000.00</b>	
Surveying Drafting	GPS Service and Preparation of As-Laid Drawings	\$ 60,000.00	Historical
<b>External Costs</b>	<b>Sub-Total</b>	<b>\$ 60,000.00</b>	
<b>Total</b>	<b>Total (Without Contingency)</b>	<b>\$ 1,408,000.00</b>	
<b>Contingency</b>	<b>16%</b>	<b>\$ 211,200.00</b>	<b>Class 3 Estimate</b>
<b>Total</b>	<b>Total (With Contingency)</b>	<b>\$ 1,619,200.00</b>	