

Priority Infrastructure Renewal Project - 9th Avenue

Detailed Cost Estimate

Cost Estimate Developed By: Urban Systems Ltd.
 Date of Cost Estimate (DD-MM-YYYY): 19-10-2020
 Cost Estimate Class : A

COSTS				
	Description	Quantity	Per Unit Amount	Total Cost
Project Planning				
	Complete			
	Planning Sub-Total:			\$0
Design / Engineering				
	Project Management, Inspection, and Contract Administration	1.00	\$ 172,000.00	\$ 172,000.00
	Tendering	1.00	\$ 8,000.00	\$ 8,000.00
	Design / Engineering Sub-Total:			\$180,000
Construction / Materials				
	Removals	1	\$ 120,000.00	\$ 120,000.00
	9th Avenue Sidewalks Construction	1	\$ 220,000.00	\$ 220,000.00
	7th Street Sidewalks Construction	1	\$ 90,000.00	\$ 90,000.00
	Crosswalk Improvements and Road Rehabilitation	1	\$ 555,000.00	\$ 555,000.00
	Storm Sewer Rehabilitation and Improvements	1	\$ 135,000.00	\$ 135,000.00
	Streetscape, Landscape and Streetlights	1	\$ 350,000.00	\$ 350,000.00
	Watermain Installation	1	\$ 160,000.00	\$ 160,000.00
	Sanitary Sewer Installation	1	\$ 120,000.00	\$ 120,000.00
	Construction / Materials Sub-Total:			\$ 1,750,000.00
Other Associated Costs				
	Geotechnical Testing	1	\$ 10,000.00	\$ 10,000.00
	Other Associated Costs Sub-Total:			\$10,000
Contingency				
	Class A Contingency - 10%	1.00	\$ 175,000.00	\$ 175,000.00
	Contingency Sub-Total:			\$ 175,000.00
	TOTAL COSTS*:			\$ 2,115,000.00

Cost Estimate Classes - definitions & assumptions [sourced from the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC)]		
Class A	Detailed estimate based on final drawings and specifications	±10-15%
Class B	Prepared after completing site investigations and studies, and after defining major systems Based on a project brief and preliminary design Used for project approvals and budgetary control	±15-25%
Class C	Prepared with limited site information and based on probable conditions Captures major cost elements Used to refine project definition and for preliminary approvals	±25-40%
Class D	Preliminary estimate based on little or no site information Represents the approximate magnitude of cost, based on broad requirements Used for preliminary discussion and long-term capital planning	±50%