

TOTAL ESTIMATED PROJECT COST

<u>Item</u>	<u>Project Estimate (\$)</u>
1.0 Material Cost	800,232
2.0 Labour and Construction Cost	5,501,110
3.0 External Costs (Geotechnical, Environmental, Surveying, External Engineering, Insurance)	272,000
4.0 Land	10,000
5.0 Internal Costs	272,300
4.0 Station Cost	60,000
Project Subtotal	6,915,642
5.0 Contingency	2,074,692
6.0 Interest During Construction	157,317
Total Project Costs	9,147,651

1. The cost estimates set out above include a 30% contingency applied to all direct costs.
2. The Bathurst reinforcement pipeline will be installed in 2019.
3. The method of construction will be a combination of open trench and Horizontal Directional Drill (“HDD”) based on field conditions. HDD will be utilized whenever possible, including road crossings, boulevard and roadways. As such, Double Fusion Bond Epoxy coating will be utilized.

4. The cost estimate includes the installation of a regulator station to reduce pressure from high pressure to an existing intermediate pressure main on Betty Ann Dr.
  
5. The route is entirely within the Public Right-of-Way.