

<b>14M1235000: Berwick Waterways (Greaves Road/Ward Road/ Berwick Springs Promenade)</b>					
<b>Civil Construction</b>					
<b>Date</b>	<b>17/06/2014</b>				
<b>Basis of Estimate</b>					
This cost estimate is based on the 14M1235000-02-01 Revision P2 dated 29 Apr 2014					
<b>Road Works</b>					
<b>Item</b>	<b>Description of works</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1.00	Road Works (Pavement, kerbs and other works)	6600	m <sup>2</sup>	\$ 280.00	\$ 1,848,000.00
2.00	Roundabout works	1	Item	\$135,000.00	\$ 135,000.00
3.00	Culvert works ( 5 cells for 25m )	1	Item	\$625,000.00	\$ 625,000.00
4.00	Line marking and signage works	1	Item	\$ 12,000.00	\$ 12,000.00
5.00	Public lighting works	1	Item	\$ 90,000.00	\$ 90,000.00
6.00	landscaping works	1	Item	\$ 50,000.00	\$ 50,000.00
	<i>Sub Total</i>				<b>\$ 2,760,000.00</b>
	<i>Design fee (5 % of sub total)</i>				<b>\$ 138,000.00</b>
	<i>Project management and Supervision (10% of sub total)</i>				<b>\$ 276,000.00</b>
	<i>Total</i>				<b>\$ 3,174,000.00</b>
	<b>Total with 15% contingency( Client request)</b>				<b>\$ 3,660,000.00</b>

Please also note that the above quantities do not include or provide for:

1. Authority fees, charges, levies and overview including insurances, bank guarantees.
2. Existing services relocations and facilitation including lowering or realignment thereof.
3. Box culvert works to be carried across existing creek just north of Proposed Roundabout
4. Protection of underground services during construction.
5. GTA Consultants would typically provide a 40% contingency for cost estimates based on a concept layout. The client has specifically requested that 15% be adopted.

This cost estimate is for initial planning purposes only and must not be relied upon for final construction cost estimation or budgeting purposes. If a more detailed and accurate cost estimate is required, it is recommended that a professionally qualified and experienced quantity surveyor or cost estimator be engaged to provide detailed cost estimates.

<b>14M1235000: Berwick Waterways (Centre Road / Ward Road/ Town Centre Access)</b>					
<b>Civil Construction</b>					
<b>Date</b>	<b>17/06/2014</b>				
<b>Basis of Estimate</b>					
This cost estimate is based on the 14M1235000-02-02 Revision P2 dated 29 Apr 2014					
<b>Road Works</b>					
<b>Item</b>	<b>Description of works</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1.00	Road Works (Pavement, kerbs and other works)	6500	m <sup>2</sup>	\$ 280.00	\$ 1,820,000.00
2.00	Traffic Signal works	1	Item	\$300,000.00	\$ 300,000.00
3.00	Culvert works	1	Item	\$120,000.00	\$ 120,000.00
4.00	Line marking and signage works	1	Item	\$ 15,000.00	\$ 15,000.00
5.00	Public lighting works	1	Item	\$ 75,000.00	\$ 75,000.00
6.00	landscaping works	1	Item	\$ 40,000.00	\$ 40,000.00
	<i>Sub Total</i>				<b>\$ 2,370,000.00</b>
	<i>Design fee (5 % of sub total)</i>				<b>\$ 118,500.00</b>
	<i>Project management and Supervision (10% of sub total)</i>				<b>\$ 237,000.00</b>
	<i>Total</i>				<b>\$ 2,725,500.00</b>
	<b>Total with 15% contingency( Client request)</b>				<b>\$ 3,140,000.00</b>
<p>Please also note that the above quantities do not include or provide for:</p> <ol style="list-style-type: none"> <li>1. Authority fees, charges, levies and overview including insurances, bank guarantees.</li> <li>2. Existing services relocations and facilitation including lowering or realignment thereof.</li> <li>3. Protection of underground services during construction.</li> <li>4. GTA Consultants would typically provide a 40% contingency for cost estimates based on a concept layout. The client has specifically requested that 15% be adopted.</li> </ol> <p>This cost estimate is for initial planning purposes only and must not be relied upon for final construction cost estimation or budgeting purposes. If a more detailed and accurate cost estimate is required, it is recommended that a professionally qualified and experienced quantity surveyor or cost estimator be engaged to provide detailed cost estimates.</p>					