

PREFERRED ALTERNATIVE						
DESCRIPTION: Multiple pumping facilities located in: (1) Pier 8 with gravity sewers from within Pier 8, (2) provisional pumping station in Pier 6 with gravity sewers from within Piers 6 & 7. Includes forcemain from the Pier 8 pumping station to Ferguson & Burlington Street intersection and a forcemain from the provisional Pier 6 pumping station to Guise Street.						
ESTIMATE A Pumping facility located in Pier 8 with forcemain to Ferguson & Burlington Street intersection.						
Municipal						
Item No.	Description	Unit	Estimated Quantity	Unit Price	Extended Amount	
1	Pumping Station 1	lump sum	(Insert Total Only)		\$800,000.00	
2	Pumping Station Building	Lump sum	(Insert Total Only)		\$225,000.00	
3	Archectural Enhanced Structure	Lump sum	(Insert Total Only)		\$50,000.00	
4	Landscaping	Lump sum	(Insert Total Only)		\$20,000.00	
5	Fencing	Lump sum	(Insert Total Only)		\$5,000.00	
6	200 mm Forcemain (incl. restoration)	lin. metre	1,005	\$650.00	\$653,250.00	
7	Additional Costs for crossing oil pipeline easement	lump sum	(Insert Total Only)		\$15,000.00	
8	Additional Costs for Tie in to Burlington Street Trunk Sewer at Ferguson Street Intersection	lump sum	(Insert Total Only)		\$25,000.00	
9	Granular 'B' trench backfill material.	tonne	1407.000	\$18.00	\$25,326.00	
10	Costs for working in Water	m3	1037.500	\$30.00	\$31,125.00	
11	Costs for impacted soils	m3	251.250	\$92.00	\$23,115.00	
Sub-Total					\$1,872,816.00	
Engineering & Contingency					30%	\$561,844.80
Sub Total					\$2,434,660.80	
Project Management, Taxes and Permits					16%	\$389,545.73
Total Estimate A					\$2,824,206.53	

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ESTIMATE B Gravity sewers on Pier 8 to pumping station located on Pier 8.						
Municipal						
Item No.	Spec No.	Description	Unit	Estimated Quantity	Unit Price	Extended Amount
1		Install sanitary sewer in single trench:				
	a)	375mm from MH No. 2 to MH No. 4.	lin. metre	115	\$440.00	\$50,600.00
	b)	375mm from MH No. 5 to MH No. 4	lin. metre	120	\$440.00	\$52,800.00
	c)	375mm from MH No. 3 to MH No. 4	lin. metre	100	\$440.00	\$44,000.00
	d)	375mm from MH No. 4 to MH No. 7	lin. metre	115	\$440.00	\$50,600.00
	e)	375mm from MH No. 8 to MH No. 7	lin. metre	120	\$440.00	\$52,800.00
	f)	375mm from MH No. 6 to MH No. 7	lin. metre	120	\$440.00	\$52,800.00
	g)	375mm from MH No. 9 to MH No. 7	lin. metre	100	\$440.00	\$44,000.00
	h)	500mm from MH No. 7 to PS	lin. metre	3	\$600.00	\$1,800.00
2		Supply and Install manholes:				
	a)	MH No. 2 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
	b)	MH No. 3 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
	c)	MH No. 4 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
	d)	MH No. 5 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
	e)	MH No. 6 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
	f)	MH No. 7 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
	g)	MH No. 8 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
	e)	MH No. 9 - OPSD 701.010	lump sum	(Insert Total Only)		\$7,500.00
3		Break into Existing Sewer to install MH No. 9	lump sum	(Insert total only)		\$5,000.00
4		Granular 'B' trench backfill material.	tonne	3183	\$18.00	\$57,294.00
5		CCTV inspection of installed sewers	lin. metre	793	\$10.00	\$7,930.00
6		Install 200 mm sanitary private drains Stubs	each	19	\$1,000.00	\$19,000.00
7		Lower Sanitary below oil pipeline crossing	lump sum	(Insert Total Only)		\$15,000.00
8		Costs for working in Water	m3	4622	\$30.00	\$138,660.00
9		Costs for impacted soils	m3	565	\$92.00	\$51,980.00

	Sub-total	\$704,264.00
Engineering & Contingency	30%	\$211,279.20
	Sub Total	\$915,543.20
Project Management, Taxes and Permits	16%	\$146,486.91
	Total Estimate B	\$1,062,030.11

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ESTIMATE C Provisional pumping station on Pier 6 with gravity sewers within Piers 6 and 7 and a forcemain from the Pier 6 pumping station to Guise Street.						
Municipal						
Item No.	Spec No.	Description	Unit	Estimated Quantity	Unit Price	Extended Amount
1		Small Pumping Station 2	each	1	\$250,000.00	\$250,000.00
2		200 mm gravity sewer to PS	lin. metre	250	\$400.00	\$100,000.00
3		100 mm connections to Guise Street Sewer	each	1	\$12,000.00	\$12,000.00
4		100 mm Sanitary Forcemain *	lin. metre	70	\$400.00	\$28,000.00
5		Man Holes	each	5	\$8,000.00	\$40,000.00
6		Granular 'B' trench backfill material.	tonne	386	\$18.00	\$6,948.00
7		Costs for working in Water	m3	1281	\$30.00	\$38,430.00
8		Costs for impacted soils	m3	162	\$92.00	\$14,904.00
Sub-Total						\$490,282.00
Engineering & Contingency						30% \$147,084.60
Sub Total						\$637,366.60
Project Management, Taxes and Permits						16% \$101,978.66
Total Estimate C						\$739,345.26
Total Preferred Alternative Estimate (Estimates A, B, C)						\$4,625,581.90