

Itemized Cost Estimate For 100% Off-Site Site Development Cost (exclude Landscaping)

Date:	5-Dec-19
File Number:	
Project Name:	Proposed Trave Stop
Address:	NE Corner of Hurontario Street & King Street
Owner:	BVD Petroleum Inc.
Prime Consultant	Glen Schnarr & Associates Inc.
Sub consultant - Architect	Antrix Architects Inc.
Sub consultant - Civil	Flora Designs Inc.
Sub consultant - Landscape	MSLA Landscape Architects Ltd.

Note: All estimated costs includes material and installation costs of on-site and off-site works.

1: OFF-SITE WORKS - SERVICING	QUANTITY	UNIT	UNIT PRICE	AMOUNT
STORMWATER MANAGEMENT				
Culvert extension	1.00	L.S.	\$ 3,200.00	\$ 3,200.00
Storm manhole (1800 dia)	1.00	each	\$ 6,500.00	\$ 6,500.00
825mm dia Conc storm sewer	28.00	m	\$ 625.00	\$ 17,500.00
SERVICING (Sanitary and Water)				
300mm dia V & B	1.00	each	\$ 4,200.00	\$ 4,200.00
100mm dia V & B	1.00	each	\$ 2,200.00	\$ 2,200.00
Water service connection & restoration	1.00	L.S.	\$ 2,800.00	\$ 2,800.00
300mm dia watermain	3.75	m	\$ 400.00	\$ 1,500.00
100mm dia watermain	2.40	m	\$ 210.00	\$ 504.00
Other				
SUB-TOTAL OFF SITE WORKS - SERVICING (1)				\$ 38,404.00

2: OFF-SITE WORKS - STREETSCAPING	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Site Preparation	1.00	L.S.	\$ 3,000.00	\$ 3,000.00
Other erosion & sedimentation control measures	1.00	L.S.	\$ 2,500.00	\$ 2,500.00
Re-construction & grading of boulevard - HWY 10	1470.00	m ²	\$ 10.00	\$ 14,700.00
Re-construction & grading of boulevard - King St	950.00	m ²	\$ 10.00	\$ 9,500.00
Barrier curb		m	\$ 42.00	\$ -
Curb & Gutter	328.60	m	\$ 65.00	\$ 21,359.00
Superpave asphalt paving including granular	900.00	m ²	\$ 52.00	\$ 46,800.00
Other				
SUB-TOTAL OFF SITE WORKS - STREETSCAPING (2)				\$ 97,859.00

TOTAL ESTIMATED COST (1 + 2)				\$ 136,263.00
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1: ON-SITE WORKS - SERVICING	QUANTITY	UNIT	UNIT PRICE	AMOUNT
STORMWATER MANAGEMENT				
Outlet Structure	1.00	each	\$ 2,800.00	\$ 2,800.00
OGS - CDS	1.00	each	\$ 22,500.00	\$ 22,500.00
Stormwater Pond	1.00	Lump Sum	\$ 65,000.00	\$ 65,000.00
Rip Rap	4.00	each	\$ 1,800.00	\$ 7,200.00
Catchbasin	5.00	each	\$ 2,800.00	\$ 14,000.00
Double Catchbasin	3.00	each	\$ 3,800.00	\$ 11,400.00
Storm manhole (1200 dia)	7.00	each	\$ 4,500.00	\$ 31,500.00
Storm manhole (1500 dia)	3.00	each	\$ 5,500.00	\$ 16,500.00
600mm dia PVC storm sewer	21.32	m	\$ 500.00	\$ 10,660.00
525mm dia PVC storm sewer	135.39	m	\$ 450.00	\$ 60,925.50
450mm dia PVC storm sewer	11.00	m	\$ 400.00	\$ 4,400.00
375mm dia PVC storm sewer	134.41	m	\$ 350.00	\$ 47,043.50
300mm dia PVC storm sewer	141.12	m	\$ 275.00	\$ 38,808.00
250mm dia PVC storm sewer	108.09	m	\$ 250.00	\$ 27,022.50
200mm dia PVC storm sewer	30.42	m	\$ 225.00	\$ 6,844.50
SERVICING (Sanitary and Water)				
Septic System	1.00	Lump Sum	\$ 275,000.00	\$ 275,000.00
Sanitary manhole	12.00	each	\$ 5,800.00	\$ 69,600.00
200mm dia Sanitary sewer	362.38	m	\$ 275.00	\$ 99,654.50
Fire Hydrant	1.00	each	\$ 3,200.00	\$ 3,200.00
300mm dia watermain	3.00	m	\$ 400.00	\$ 1,200.00
150mm dia watermain	111.05	m	\$ 300.00	\$ 33,315.00
100mm dia water service	167.05	m	\$ 225.00	\$ 37,586.25
50mm dia water service	41.50	m	\$ 175.00	\$ 7,262.50
150mm dia V & B	1.00	each	\$ 3,200.00	\$ 3,200.00
100mm dia V & B	1.00	each	\$ 2,200.00	\$ 2,200.00
50mm dia V & B	3.00	each	\$ 1,600.00	\$ 4,800.00
Other				
SUB-TOTAL OFF SITE WORKS - SERVICING (1)				\$ 903,622.25

2: ON-SITE WORKS - GRADING	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Site preparation	1.00	L.S.	\$ 3,000.00	\$ 3,000.00
Topsoil stripping and stockpiling	5782.62	m ³	\$ 11.00	\$ 63,608.85
Cut-Fill from on-site material	8031.42	m ³	\$ 17.00	\$ 136,534.14
Export of stripped soil	2975.12	m ³	\$ 12.00	\$ 35,701.40
Import of engineered fill including grading complete	6425.14	m ³	\$ 24.00	\$ 154,203.26
Silt fencing	714.69	m	\$ 18.00	\$ 12,864.42
Other erosion & sedimentation control measures	1.00	L.S.	\$ 3,000.00	\$ 3,000.00
Barrier curb	1466.50	m	\$ 42.00	\$ 61,593.00
Concrete sidewalks	926.67	m ²	\$ 52.00	\$ 48,186.84
Heavy duty asphalt paving including granular	10936.13	m ²	\$ 52.00	\$ 568,678.76
Regular duty asphalt paving including granular	1368.27	m ²	\$ 42.00	\$ 57,467.34
DuraHold Retaining Wall	37.36	m	\$ 340.00	\$ 12,702.40
Other				
SUB-TOTAL ON SITE WORKS - GRADING (2)				\$ 1,157,540.41

TOTAL ESTIMATED COST (1 + 2) \$ 2,061,162.66