

**SITE WORKS COST ESTIMATE
(DEVELOPERS NAME)**

**Consultants
Name/Logo**

..... STREET, WATERLOO

Prepared by:

SUMMARY

Date:.....

UNDERGROUND SERVICING WORKS	Total Cost
SANITARY SERVICE	\$ -
STORM SEWERS	\$ -
WATER SERVICE	\$ -
Sub-Total	\$ -
Engineering Review Fee (5%)	\$ -
Developer (50%)	\$ -

ABOVE GROUND WORKS	Total Cost
SITE SURFACE WORKS	\$ -
ROADWORKS/SURFACE CONSTRUCTION	\$ -
Sub-Total	\$ -
Engineering Review Fee (5%)	\$ -
Developer (50%)	\$ -

LANDSCAPE WORKS	Total Cost
PLANT MATERIAL AND INSTALLATION	\$ -
LANDSCAPE STRUCTURES	\$ -
Sub-Total	\$ -
Engineering Review Fee (5%)	\$ -
Developer (50%)	\$ -

TOTAL (all parts)	\$ -
Total Engineering Review Fee (5%)	\$ -
Total Developer (50%)	\$ -

PRELIMINARY SITE SERVICING COST ESTIMATE
(OWNER NAME
..... STREET, WATERLOO

SANITARY SERVICE

ITEM #	SPEC.	ITEM DESCRIPTION	Unit	Estimated Quantity	Unit Price	Total Cost
1	OPSS 410	Supply and install 150mm PVC SDR 28 Sanitary Service Connections, complete with all appurtenances, plug and marker, bedding, etc.	m	0.0	\$ -	\$ -
2	OPSS 410	Supply and install 150mm PVC SDR 28 Sanitary Service Connections, complete with all appurtenances, plug and marker, bedding, etc.	m	0.0	\$ -	\$ -
3		Re-banching existing sanitary manhole to direct flow towards north invert, complete with all appurtenances, etc.	LS	0.0	\$ -	\$ -
4	OPSS 407	Supply and install storm sewer manholes complete with all appurtenances, benching, granular backfill, etc. 1200 mm	ea	0.0	\$ -	\$ -
SUBTOTAL						\$ -

STORM SEWERS

ITEM #	SPEC.	ITEM DESCRIPTION	Unit	Estimated Quantity	Unit Price	Total Cost
1	OPSS 410	Supply and install storm sewer including excavation, approved bedding, backfill and compaction to final grade, plugs, etc. and disposal of any excess material.				
a)		200 mm PVC (SDR 35)	m	0.0	\$ -	\$ -
b)		250 mm PVC (SDR 35)	m	0.0	\$ -	\$ -
c)		300 mm PVC (SDR 35)	m	0.0	\$ -	\$ -
2	OPSS 407	Supply and install storm sewer manholes complete with all appurtenances, benching, granular backfill, etc.				
a)		1200 mm	ea	0.0	\$ -	\$ -
b)		600x600mm catchbasin	ea	0.0	\$ -	\$ -
c)		Stormceptor 300	ea	0.0	\$ -	\$ -
3	OPSS 1860	Supply and install geotextile beneath catchbasin grates.	ea	0.0	\$ -	\$ -
SUBTOTAL						\$ -

WATER SERVICE

ITEM #	SPEC.	ITEM DESCRIPTION	Unit	Estimated Quantity	Unit Price	Total Cost
1	OPSS 701	Supply and install 150mm water service, to property line, including curb stop, marker, etc.	m	0.0	\$ -	\$ -
2	OPSS 701	Pressure test, swab, flush and chlorinate mains to satisfaction of Engineer per City Standards.	LS	0.0	\$ -	\$ -
3		Water Metre Chamber	LS	0.0	\$ -	\$ -
SUBTOTAL						\$ -

PRELIMINARY SITE SERVICING COST ESTIMATE
(OWNER NAME
..... STREET, WATERLOO

SITE SURFACE WORKS

ITEM #	SPEC.	ITEM DESCRIPTION	Unit	Estimated Quantity	Unit Price	Total Cost
1	OPSS 310	Supply, place and compact Asphalt HL4 (90mm thick)	t	0.0	\$ -	\$ -
2	OPSS 314	Supply, place and compact (100% SPD) granular B (350mm thick)	t	0.0	\$ -	\$ -
3	OPSS 102	Supply, place and compact (100% SPD) granular A (150mm thick)	t	0.0	\$ -	\$ -
4	SS-17OPSS- 351	Concrete sidewalk, patio and garbage area with 75 mm depth of Granular 'A' bedding: 125mm thick concrete sidewalk	m ²	0.0	\$ -	\$ -
5	OPSS 353	Supply and install concrete curb.	m	0.0	\$ -	\$ -
6		Supply and place sod and 150mm topsoil.	m ²	0.0	\$ -	\$ -
10		Supply and place concrete Redi-Rock retaining wall - 0.50m wide	m	0.0	\$ -	\$ -
11		Supply and place low decorative concrete wall - 0.20m wide	m	0.0	\$ -	\$ -
SUBTOTAL						\$ -

ROADWORKS/SURFACE CONSTRUCTION

ITEM #	SPEC.	ITEM DESCRIPTION	Unit	Estimated Quantity	Unit Price	Total Cost
1		Remove and dispose of asphalt in roadway, full depth, including saw cutting.	m ²	0.0	\$ -	\$ -
2		Remove and dispose of existing concrete sidewalk and concrete driveway ramps, all widths and thicknesses, including private concrete	m ²	0.0	\$ -	\$ -
3		Remove and dispose of existing concrete curb and curb & gutter all types and sizes.	m	0.0	\$ -	\$ -
4		Excavate and dispose of material to road sub grade.	m ³	0.0	\$ -	\$ -
5		Supply and place imported Granular 'B' material with Type II gradation as per OPSS 1010 for road subbase construction as per OPSS 314	t	0.0	\$ -	\$ -
6		Supply, place, grade and compact Granular 'A' material as per OPSS 1010 for road base construction as per OPSS 314	t	0.0	\$ -	\$ -
7		Supply, place and compact 80mm HL-8 hot mixed binder asphalt as per OPSS 310 including asphalt cement as per OPSS 1101 for road	t	0.0	\$ -	\$ -
8		Supply, place and compact 40mm HL-3 hot mixed surface asphalt at intersections as per OPSS 310 including asphalt cement as per OPSS	t	0.0	\$ -	\$ -
9		Supply and install concrete barrier curb and gutter as per OPSS 353 and OPSS 600.040	m	0.0	\$ -	\$ -
10		Supply and install concrete sidewalk and private walk including Granular 'A' bedding.	m ²	0.0	\$ -	\$ -
11		Supply, place, grade and compact topsoil to a thickness of 100 mm as per OPSS 570 and install No.1 nursery sod as per OPSS 571	m ²	0.0	\$ -	\$ -
12		Disconnect and cap at main existing water service line. Existing service pipe to be removed and disposed.	ls	0.0	\$ -	\$ -
13		Disconnect and cap at property line existing sanitary service line. Existing service pipe to be removed and disposed.	ls	0.0	\$ -	\$ -
SUBTOTAL						\$ -

PRELIMINARY SITE SERVICING COST ESTIMATE
(OWNER NAME
..... STREET, WATERLOO

LANDSCAPE WORKS

PLANT MATERIAL AND INSTALLATION

***Note: Plant prices include mulch and edging**

ITEM #	SPEC.	ITEM DESCRIPTION	Unit	Estimated Quantity	Unit Price	Total Cost
1	D. TREE	Species - Botanical Name (Common Name, 70mm CAL.)	ea	0.0	\$ -	\$ -
2	D. TREE	Species - Botanical Name (Common Name, 50mm CAL.)	ea	0.0	\$ -	\$ -
3	C. TREE	Species - Botanical Name (Common Name, 250cm HT.)	ea	0.0	\$ -	\$ -
4	C. TREE	Species - Botanical Name (Common Name, 175cm HT.)	ea	0.0	\$ -	\$ -
5	SHRUB	Species - Botanical Name (Common Name, 60cm HT., #3 CONT.)	ea	0.0	\$ -	\$ -
6	PERENNIAL	Species - Botanical Name (Common Name, #1 CONT.)	ea	0.0	\$ -	\$ -
7	ORNAMENTAL GRASS	Species - Botanical Name (Common Name, #1 CONT)	ea	0.0	\$ -	\$ -
8	PLANTING MEDIUM FOR SHRUBS	450mm minimum depth	m³	0.0	\$ -	\$ -
9	PLANTING MEDIUM FOR TREES	minimum Xm³ per tree	m³	0.0	\$ -	\$ -
10	TOPSOIL & SOD	Topsoil and sod	m²	0.0	\$ -	\$ -
11	REINFORCED TURF	Topsoil and grass seed mix with reinforced turf product (GrassPave or equivalent)	m²	0.0	\$ -	\$ -
12	NATIVE SEED MIX (NON-GRASS)	Mix Description	m²	0.0	\$ -	\$ -
13	ROOT BARRIER	1.2m depth (48") x 0.6m length	ea	0.0	\$ -	\$ -
14	RIVERSTONE MULCH	River Mulch (size)	m³	0.0	\$ -	\$ -
15				0.0	\$ -	\$ -
16				0.0	\$ -	\$ -
17				0.0	\$ -	\$ -

SUBTOTAL	\$ -
-----------------	-------------

LANDSCAPE STRUCTURES

ITEM #	SPEC.	ITEM DESCRIPTION	Unit	Estimated Quantity	Unit Price	Total Cost
1	FENCE	1800mm Height Decorative Wood Fence	lm	0.0	\$ -	\$ -
2	FENCE	(HT)mm Height Decorative Metal Fence	lm	0.0	\$ -	\$ -
3	WOODEN PRIVACY SCREEN	(HT)mm Height Decorative Wood Privacy Screen	lm	0.0	\$ -	\$ -
4	BIKE RACK	Direct Burial Bike Rack - Multiple Bikes (Manufacturer & Model/Style Info.)	ea	0.0	\$ -	\$ -
5	BIKE RING	Direct Burial Bike Ring & Post - 2 Bikes (Manufacturer & Model/Style Info.)	ea	0.0	\$ -	\$ -
6	BENCH	Wood and Metal Bench (Manufacturer & Model/Style Info.)	ea	0.0	\$ -	\$ -
7	BENCH	Steel Bench (Manufacturer & Model/Style Info.)	ea	0.0	\$ -	\$ -
8	PEDESTRIAN WASTE RECEPTACLE	Trash Receptacles (Manufacturer & Model/Style Info.)	ea	0.0	\$ -	\$ -

PRELIMINARY SITE SERVICING COST ESTIMATE
(OWNER NAME
..... STREET, WATERLOO

9	ARMOUR STONE	Armour Stone (1000mm x 600mm x 400mm)	t	0.0	\$ -	\$ -
10	MASONRY PILLARS	(Dimensions) Masonry Fence	ea	0.0	\$ -	\$ -
11	WOOD FENCE - CONNECTION PILLARS	(Dimensions) Wood Fence	lm	0.0	\$ -	\$ -
12	DECORATIVE SCREEN	Description (to screen hydro transformer, garbage receptacles, etc.)	ea	0.0	\$ -	\$ -
13	CONCRETE PAVING	Description	m ²	0.0	\$ -	\$ -
14	PIGMENTED/COLOR CONCRETE PAVING	Description	m ²	0.0	\$ -	\$ -
15	STAMPED CONCRETE	Description	m ²	0.0	\$ -	\$ -
16	UNIT PAVERS	Description	m ²	0.0	\$ -	\$ -
17	DECORATIVE UNIT PAVERS	Description	m ²	0.0	\$ -	\$ -
18	FLAGSTONE PAVING	Description	m ²	0.0	\$ -	\$ -
19	SPECIALTY ITEMS	Description (Shade Structure, Trellis, Gazebo, Entry Elements, etc.)	ea	0.0	\$ -	\$ -
20	ARCH. WIND SCREEN	Description	ea	0.0	\$ -	\$ -
21	SITE LIGHTING	Stand alone fixtures only, not lights fastened to building	ea	0.0	\$ -	\$ -
22	RETAINING WALLS	Description	lm	0.0	\$ -	\$ -
23	HANDRAILS	Description (landscape elements/ main entry)	ea	0.0	\$ -	\$ -
24				0.0	\$ -	\$ -
25				0.0	\$ -	\$ -

SUBTOTAL	\$ -
-----------------	-------------