

BILL NO. 1
GENERAL ITEMS

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u>
		<u>Excluding HST</u>

SECTION 00 72 00 - GENERAL CONDITIONS

1	Bonds.....	\$ _____
2	Insurance.....	\$ _____
3	Permits and fees.....	\$ _____
4	Supervision.....	\$ _____

SECTION 01 31 19 - PROJECT MEETINGS

5	Project meetings.....	\$ _____
---	-----------------------	----------

SECTION 01 32 16 - SCHEDULE

6	Schedule	\$ _____
---	----------------	----------

SECTION 01 33 00 - SUBMITTALS

7	Submittals.....	\$ _____
---	-----------------	----------

SECTION 01 33 23 - SHOP DRAWINGS

8	Shop drawings	\$ _____
---	---------------------	----------

SECTION 01 40 00 - QUALITY REQUIREMENTS

9	Quality requirements.....	\$ _____
---	---------------------------	----------

SECTION 01 50 00 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

10	Construction trailer/phone/fax (Contractor).....	\$ _____
11	Temporary portable washroom.....	\$ _____
12	Mainline hoarding.....	\$ _____
13	Temporary access scaffolding / crane.....	\$ _____
14	Temporary utilities (water, power, lighting, etc.).....	\$ _____
15	Power washing and videotaping of sanitary and storm drainage system.....	\$ _____
16	Temporary signage (operational, safety, security & wayfinding).....	\$ _____
17	Temporary protection of existing equipment.....	\$ _____
18	Temporary parking.....	\$ _____

BILL NO. 1
GENERAL ITEMS (CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices Excluding HST</u>
<u>SECTION 01 55 26 - TRAFFIC</u>		
19	Traffic.....	\$ _____
<u>SECTION 01 57 19 - ENVIRONMENTAL CONTROLS</u>		
20	Environmental controls.....	\$ _____
<u>SECTION 01 59 00 - SAFETY</u>		
21	Safety	\$ _____
22	Utility locates.....	\$ _____
23	Fire protection.....	\$ _____
24	Training, awareness and orientation.....	\$ _____
<u>SECTION 01 62 00 - PRODUCT REQUIREMENTS</u>		
25	Work cars rental.....	\$ _____
<u>SECTION 01 71 00 - EXAMINATION, PROTECTION AND RESTORATION OF PROPERTY</u>		
26	Examination, protection and restoration including condition survey / photographic report.....	\$ _____
<u>SECTION 01 73 29 - CUTTING AND REMEDIAL WORK</u>		
27	Cutting and remedial work.....	\$ _____
<u>SECTION 01 74 11 - CLEANING</u>		
28	Final cleaning.....	\$ _____
29	Site maintenance / cleaning / garbage removal.....	\$ _____
<u>SECTION 01 78 23 - OPERATION AND MAINTENANCE MANUALS</u>		
30	Operation and maintenance manuals	\$ _____
<u>SECTION 01 78 25 - MAINTENANCE</u>		
31	Maintenance.....	\$ _____
<u>SECTION 01 78 39 - AS-BUILT DOCUMENTS</u>		
32	As-built documents - Record documents	\$ _____

BILL NO. 1
GENERAL ITEMS (CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
SECTION 01 79 00 - TRAINING		
<u>SECTION 01 91 00 - COMMISSIONING</u>		
33	Training and commissioning	\$ _____
	TOTAL BILL NO. 1.....	\$ _____

SAMPLE
Fire Ventilation Upgrade

BILL NO. 2
STRUCTURE AND ARCHITECTURAL

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 02 41 23 - DEMOLITION AND REMOVALS</u>		
34	Demolition and removal of existing concrete slab and precast concrete cover	\$ _____
35	Demolition of existing cover plate and frame, steel platform, ladder and railings, etc.	\$ _____
36	Core drill existing concrete floor slab for sockets of pump lifting davits.....	\$ _____
<u>SECTION 03 10 00 - CONCRETE FORMWORK AND FALSEWORK</u>		
<u>SECTION 03 20 00 - CONCRETE REINFORCEMENT</u>		
<u>SECTION 03 30 00 - CAST-IN-PLACE CONCRETE</u>		
37	Cast in place concrete slab.....	\$ _____
38	Concrete restoration (delaminated / spalling concrete and / or corroded reinforcing steel removal / repairs / restoration) of walls, floor and soffits.....	\$ _____
39	Anti slip coating to floor and wall.....	\$ _____
40	Cast in place concrete foundation for pump.....	\$ _____
41	Miscellaneous concrete, patch work, restoration, protection, etc.....	\$ _____
<u>SECTION 05 50 00 - METAL FABRICATIONS</u>		
42	Steel platform including angles, railings, channels, bolts, etc.....	\$ _____
43	Stainless steel access hatch, frames, ladder and gate.....	\$ _____
44	Miscellaneous metal fabrications.....	\$ _____
<u>SECTION 07 84 00 - FIRESTOPPING AND SMOKE SEALS</u>		
<u>SECTION 07 92 00 - SEALANTS</u>		
45	Firestopping, smoke seals and sealants.....	\$ _____
<u>SECTION 09 91 00 - PAINTING</u>		
46	Painting and restoration.....	\$ _____
TOTAL BILL NO. 2		
		\$ _____

BILL NO. 3
MECHANICAL

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
SECTION 20 05 00 - MECHANICAL GENERAL REQUIREMENTS		
SECTION 20 05 29 - HANGERS AND SUPPORTS		
SECTION 20 05 53 - MECHANICAL IDENTIFICATION		
47	Mechanical general requirements.....	\$ _____
48	Mechanical demolition.....	\$ _____
49	Hangers and supports.....	\$ _____
50	Mechanical identification.....	\$ _____
51	Miscellaneous mechanical (permit, health and safety, training, etc.).....	\$ _____
SECTION 20 05 19 - THERMOMETERS AND PRESSURE GAUGES – PIPING SYSTEMS		
52	Supply and install pressure gauges and accessories.....	\$ _____
SECTION 22 07 19 - THERMAL INSULATION FOR PIPING		
53	Thermal insulation for piping.....	\$ _____
SECTION 22 13 33 - DRAINAGE PUMPS		
54	Supply duplex pumps and accessory.....	\$ _____
55	Install only submersible pump and accessory.....	\$ _____
56	Portable davit system.....	\$ _____
57	Supply and install temporary pump and accessories including temporary piping.....	\$ _____
SECTION 22 14 13 - STORM DRAINAGE PIPING		
58	Storm drainage piping.....	\$ _____
SECTION 23 05 93 - TESTING, ADJUSTING AND BALANCING (TAB) OF MECHANICAL SYSTEMS		
59	TAB.....	\$ _____
TOTAL BILL NO. 3.....		

BILL NO. 4
ELECTRICAL

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u>
		<u>Excluding HST</u>

SECTION 26 05 00 - ELECTRICAL GENERAL REQUIREMENTS

- | | | |
|----|---|----------|
| 60 | Electrical permit and general expenses..... | \$ _____ |
| 61 | Removal, relocations and temporary installations..... | \$ _____ |

SECTION 26 05 20 - WIRE AND BOX CONNECTORS – 0 - 1000 V**SECTION 26 05 21 - WIRES AND CABLES – 0 - 1000 V****SECTION 26 05 34 - CONDUITS/DUCTS**

- | | | |
|----|-------------------------|----------|
| 62 | Conduits and ducts..... | \$ _____ |
| 63 | Wires and cables..... | \$ _____ |

SECTION 26 05 29 - HANGERS AND SUPPORTS

- | | | |
|----|---------------------------|----------|
| 64 | Hangers and supports..... | \$ _____ |
|----|---------------------------|----------|

SECTION 26 05 26 - GROUNDING AND BONDING

- | | | |
|----|----------------------------|----------|
| 65 | Grounding and bonding..... | \$ _____ |
|----|----------------------------|----------|

SECTION 26 05 31 - SPLITTERS, JUNCTION BOXES, PULL BOXES AND CABINETS

- | | | |
|----|--|----------|
| 66 | Splitters, junction boxes, pull boxes, and cabinets..... | \$ _____ |
|----|--|----------|

SECTION 26 05 53 - ELECTRICAL IDENTIFICATION

- | | | |
|----|--------------------------------|----------|
| 67 | Electrical identification..... | \$ _____ |
|----|--------------------------------|----------|

SECTION 26 08 00 - ELECTRICAL TESTING

- | | | |
|----|-------------------------|----------|
| 68 | Electrical testing..... | \$ _____ |
|----|-------------------------|----------|

SECTION 26 12 16 - DRY TYPE TRANSFORMER

- | | | |
|----|---------------------------|----------|
| 69 | Dry type transformer..... | \$ _____ |
|----|---------------------------|----------|

SECTION 26 28 23 - FUSED AND UNFUSED DISCONNECT SWITCHES

- | | | |
|----|--|----------|
| 70 | Fused and unfused disconnect switches..... | \$ _____ |
|----|--|----------|

SECTION 26 27 26 - WIRING DEVICES**SECTION 26 29 03 - CONTACTORS AND RELAYS****SECTION 26 29 10 - MOTOR STARTERS**

- | | | |
|----|--|----------|
| 71 | Wiring devices, contactors and relays, motor starters..... | \$ _____ |
|----|--|----------|

BILL NO. 4
ELECTRICAL (CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u>	<u>Excluding HST</u>
<u>SECTION 26 42 00 - CATHODIC PROTECTION</u>			
72	Cathodic protection.....	\$	
<u>SECTION 26 50 00 - LIGHTING EQUIPMENT</u>			
73	Lightning equipment.....	\$	
<u>SECTION 26 63 16 - HEATING CABLES - PIPE AND TANK TRACING</u>			
74	Heating cables including controls.....	\$	
<u>SECTION 27 23 23 - SCADA SYSTEM</u>			
75	SCADA system.....	\$	
TOTAL BILL NO. 4.....			

SAMPLE
Fire Ventilation Upgrade

BILL NO. 5
PRICE SCHEDULE (BID FORM - SECTION 00 41 00)

Item No.	Description	Unit	Est. Qty.	Price
1	All Work of this Contract (Bill No. 1 to Bill No. 4)	Lump Sum	n/a	\$
			13% HST	\$
TOTAL BID PRICE:				
In Canadian funds, which includes all applicable taxes, allowances and all other costs.				\$
(Note: The Commission reserves the right to correct mathematical errors, inconsistencies or ambiguities in accordance with item 10 of Section 00 21 00)				

SAMPLE
Fire Ventilation Upgrade