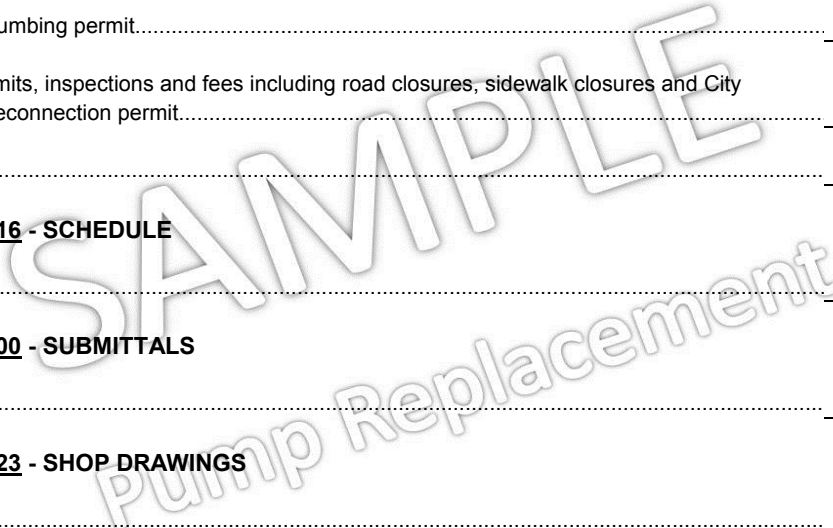


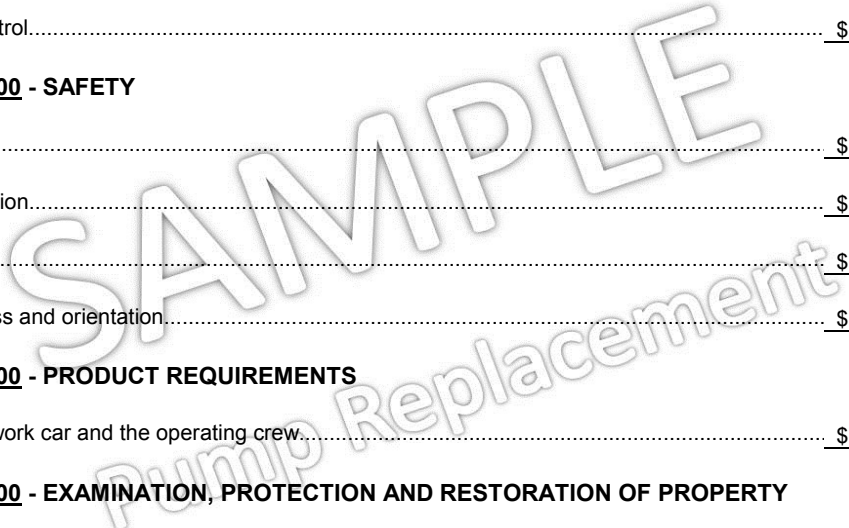
BILL NO. 1
GENERAL ITEMS

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 00 72 00 - GENERAL CONDITIONS</u>		
1	Bonds.....	\$ _____
2	Insurance.....	\$ _____
3	Building permit / plumbing permit.....	\$ _____
4	Miscellaneous permits, inspections and fees including road closures, sidewalk closures and City of Toronto sewer reconnection permit.....	\$ _____
5	Supervision.....	\$ _____
<u>SECTION 01 32 16 - SCHEDULE</u>		
6	Contract schedule.....	\$ _____
<u>SECTION 01 33 00 - SUBMITTALS</u>		
7	Submittals.....	\$ _____
<u>SECTION 01 33 23 - SHOP DRAWINGS</u>		
8	Shop drawings.....	\$ _____
<u>SECTION 01 40 00 - QUALITY REQUIREMENTS</u>		
9	Quality requirements	\$ _____
<u>SECTION 01 50 00 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS</u>		
10	Temporary hoarding / barriers and gates.....	\$ _____
11	Temporary portable washrooms.....	\$ _____
12	Temporary power and lighting.....	\$ _____
13	Temporary water and meter.....	\$ _____
14	Temporary access scaffolding / crane.....	\$ _____
15	Temporary signage (safety, security and wayfinding signage).....	\$ _____
16	Temporary protection of existing equipment.....	\$ _____
17	Temporary parking.....	\$ _____
18	Site maintenance / cleaning / garbage removal.....	\$ _____



BILL NO. 1
GENERAL ITEMS (CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 01 55 26 - TRAFFIC</u>		
19	Traffic control / traffic control person(s), signs, signals, flasher beacons, delineators and barricades.....	\$ _____
<u>SECTION 01 57 19 - ENVIRONMENTAL CONTROLS</u>		
20	Environmental control.....	\$ _____
<u>SECTION 01 59 00 - SAFETY</u>		
21	Safety submittals.....	\$ _____
22	Safety / fire protection.....	\$ _____
23	Utility locates.....	\$ _____
24	Training, awareness and orientation.....	\$ _____
<u>SECTION 01 62 00 - PRODUCT REQUIREMENTS</u>		
25	Rental of subway work car and the operating crew.....	\$ _____
<u>SECTION 01 71 00 - EXAMINATION, PROTECTION AND RESTORATION OF PROPERTY</u>		
26	Examination, protection and restoration.....	\$ _____
<u>SECTION 01 73 29 - CUTTING AND REMEDIAL WORK</u>		
27	Cutting and remedial work	\$ _____
28	X-raying / scanning.....	\$ _____
<u>SECTION 01 74 11 - CLEANING</u>		
29	Cleaning (final cleaning).....	\$ _____
<u>SECTION 01 78 23 - OPERATION AND MAINTENANCE MANUALS</u>		
30	Operation and maintenance manuals.....	\$ _____
<u>SECTION 01 78 25 - MAINTENANCE</u>		
31	Maintenance.....	\$ _____



BILL NO. 1
GENERAL ITEMS (CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 01 78 39 - AS-BUILT DOCUMENTS</u>		
32	As-built documents (record documentation).....	\$ _____
<u>SECTION 01 79 00 - TRAINING</u>		
<u>SECTION 01 91 00 - COMMISSIONING</u>		
33	Training and commissioning.....	\$ _____
TOTAL BILL NO. 1.....		\$ _____

SAMPLE
Pump Replacement

BILL NO. 2
SITWORK

<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	Remove and dispose existing pump room access ladder / pit ladder.....	\$ _____
35	Demolish existing temporary railing.....	\$ _____
36	Demolish existing cover plate and frame.....	\$ _____
37	Chip and remove perimeter edge of existing concrete slab at hatch location.....	\$ _____
38	Miscellaneous demolition, removals and restorations.....	\$ _____
<u>SECTION 03 10 00 - CONCRETE FORMWORK</u>		
<u>SECTION 03 20 00 - CONCRETE REINFORCEMENT</u>		
<u>SECTION 03 30 00 - CAST-IN-PLACE CONCRETE</u>		
39	New concrete 100x100mm edge to perimeter of sump pit opening including rebar.....	\$ _____
40	Miscellaneous concrete work / restorations including installation cast-in items in concrete supplied by other trades.....	\$ _____
<u>SECTION 05 50 00 - METAL FABRICATIONS</u>		
41	Supply and install steel access hatch.....	\$ _____
42	Stainless steel access ladder from pump room floor to street level access hatch complete with retractable safety post.....	\$ _____
43	Supply and install travel restraint safety tie-off expansion anchors with D-rings.....	\$ _____
<u>SECTION 07 84 00 - FIRESTOPPING AND SMOKE SEALS</u>		
44	Firestopping and smoke seals.....	\$ _____
<u>SECTION 07 92 00 - SEALANTS</u>		
45	Sealants.....	\$ _____
<u>SECTION 09 91 00 - PAINTING</u>		
46	Miscellaneous painting restorations.....	\$ _____
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 19 - THERMOMETERS AND PRESSURE GAUGES - PIPING SYSTEMS		
SECTION 20 05 29 - HANGERS AND SUPPORTS		
<u>SECTION 20 05 53 - MECHANICAL IDENTIFICATION</u>		
47	Mechanical general requirements.....	\$ _____
48	Mechanical demolition.....	\$ _____
49	Thermometers and pressure gauges - piping systems.....	\$ _____
50	Hangers and supports.....	\$ _____
51	Miscellaneous permit, identification, pre-start health and safety review.....	\$ _____
<u>SECTION 22 07 19 - THERMAL INSULATION FOR PIPING</u>		
52	Thermal insulation for piping.....	\$ _____
<u>SECTION 22 13 33 - DRAINAGE PUMPS</u>		
53	Supply and install submersible pumps and accessory.....	\$ _____
54	Supply and install temporary pump and accessories associated with piping.....	\$ _____
55	Portable lifting davit including accessories.....	\$ _____
56	Miscellaneous.....	\$ _____
<u>SECTION 22 14 13 - STORM DRAINAGE PIPING</u>		
57	Storm drainage piping.....	\$ _____
<u>SECTION 23 05 93 - TESTING, ADJUSTING AND BALANCING (TAB) OF MECHANICAL SYSTEMS</u>		
58	Testing, adjusting and balancing.....	\$ _____
59	Report and document preparation.....	\$ _____
TOTAL BILL NO. 3.....		\$ _____

BILL NO. 4
ELECTRICAL

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 26 05 00 - ELECTRICAL GENERAL REQUIREMENTS</u>		
60	Electrical permit.....	\$
61	Removal, relocation and temporary installation.....	\$
62	All other miscellaneous electrical general expenses.....	\$
<u>SECTION 26 05 20 - WIRE AND BOX CONNECTORS 0 – 1000 V</u>		
<u>SECTION 26 05 21 - WIRES AND CABLES 0 – 1000 V</u>		
<u>SECTION 26 05 34 - CONDUITS/DUCTS</u>		
63	3C #2+G LSZH Teck cables	\$
64	6C # 16 FT4 LSZH Teck cable for SCADA	\$
65	All other wiring and conduit for miscellaneous power supply and controls.....	\$
<u>SECTION 26 05 26 - GROUNDING AND BONDING</u>		
66	Grounding and bonding.....	\$
<u>SECTION 26 05 29 - HANGERS AND SUPPORTS</u>		
67	Hangers and supports.....	\$
<u>SECTION 26 05 31 - SPLITTERS, JUNCTION BOXES, PULLBOXES AND CABINETS</u>		
68	Splitters, junction boxes, pullboxes and cabinets.....	\$
<u>SECTION 26 05 53 - ELECTRICAL IDENTIFICATION</u>		
69	Electrical identification.....	\$
<u>SECTION 26 08 00 - ELECTRICAL TESTING</u>		
70	Electrical testing.....	\$
<u>SECTION 26 12 16 - DRY TYPE TRANSFORMER</u>		
<u>SECTION 26 27 26 - WIRING DEVICES</u>		
<u>SECTION 26 28 23 - FUSED AND UNFUSED DISCONNECT SWITCHES</u>		
<u>SECTION 26 29 03 - CONTACTORS AND RELAYS</u>		
<u>SECTION 26 29 10 - MOTOR STARTERS</u>		
71	30 kVA transformers.....	\$
72	2 kVA transformer.....	\$
73	Wiring devices, contactors and relays, motor starters (control panel complete with disconnect switches by mechanical).....	\$
74	Fused and unfused disconnect switches.....	\$

BILL NO. 4
ELECTRICAL (CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 26 50 00 - LIGHTING EQUIPMENT</u>		
75	Lighting equipment.....	\$ _____
<u>SECTION 26 63 16 - HEATING CABLES - PIPE AND TANK TRACING</u>		
76	Heating cable, control and associated work.....	\$ _____
<u>SECTION 27 23 23 - SCADA SYSTEM</u>		
77	SCADA system related work.....	\$ _____
TOTAL BILL NO. 4.....		\$ _____
TOTAL FOR BILL NOS. 1, 2, 3 AND 4 (CARRIED TO ITEM NO. 1 IN BILL NO. 5 - PRICE SCHEDULE).....		\$ _____

SAMPLE
Pump Replacement

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) except that listed below	Lump Sum	n/a	\$
2	Cash Allowance for Paid Duty Traffic Personnel	Upset Limit Amount	n/a	\$
Sub-Total				\$
13% HST				\$
TOTAL BID PRICE:				
In Canadian funds, which includes all applicable taxes, allowances and all other costs.				\$
<i>(Note: The Commission reserves the right to correct mathematical errors, inconsistencies or ambiguities in accordance with item 10 of Section 00 21 00)</i>				

SAMPLE
 Pump Replacement