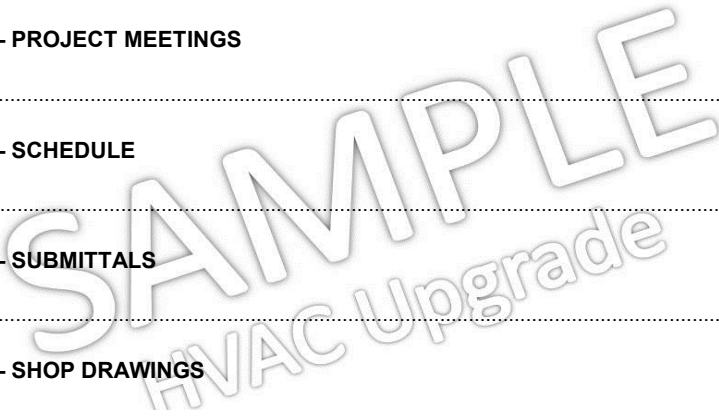


BILL NO. 1
GENERAL ITEMS

<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	Permits.....	\$ _____
4	Supervision.....	\$ _____
<u>SECTION 01 31 19 - PROJECT MEETINGS</u>		
5	Project meetings.....	\$ _____
<u>SECTION 01 32 16 - SCHEDULE</u>		
6	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, TEMPORARY CONTROLS AND TEMPORARY UTILITIES</u>		
10	Temporary hoarding, fencing and barriers.....	\$ _____
11	Temporary office / trailer (contractor) including furnishing and equipment.....	\$ _____
12	Temporary utilities (power, lighting, water etc.).....	\$ _____
13	Temporary parking.....	\$ _____
14	Temporary signage and project identification.....	\$ _____
<u>SECTION 01 56 43 - CONSTRUCTION SECURITY</u>		
<u>SECTION 01 57 19 - ENVIRONMENTAL CONTROLS</u>		
15	Construction security.....	\$ _____
16	Environmental controls.....	\$ _____



BILL NO. 1
GENERAL ITEMS - ALL LOCATIONS (CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 01 59 00 - SAFETY</u>		
17	Personal protective equipment.....	\$ _____
18	Utility locates.....	\$ _____
19	Training and awareness.....	\$ _____
<u>SECTION 01 62 00 - PRODUCT REQUIREMENTS</u>		
20	Product requirements.....	\$ _____
<u>SECTION 01 71 00 - EXAMINATION, PROTECTION AND RESTORATION OF PROPERTY</u>		
21	Examination, protection and restoration of property.....	\$ _____
<u>SECTION 01 73 29 - CUTTING AND REMEDIAL WORK</u>		
22	Cutting and remedial work.....	\$ _____
<u>SECTION 01 74 11 - CLEANING</u>		
<u>SECTION 01 74 19 - WASTE MANAGEMENT</u>		
23	Cleaning (final cleaning).....	\$ _____
24	Waste management.....	\$ _____
<u>SECTION 01 78 23 - OPERATION AND MAINTENANCE MANUALS</u>		
25	Operation and maintenance manuals	\$ _____
<u>SECTION 01 78 25 - MAINTENANCE</u>		
26	Maintenance.....	\$ _____
<u>SECTION 01 78 39 - AS-BUILT DOCUMENTS</u>		
27	As-built documents	\$ _____
<u>SECTION 01 78 43 - STANDBY PARTS</u>		
<u>SECTION 01 79 00 - TRAINING</u>		
<u>SECTION 01 91 00 - COMMISSIONING</u>		
28	Training and commissioning	\$ _____
TOTAL BILL NO. 1 (CARRIED TO ITEM NO. 1 IN BILL NO. 5 - PRICE SCHEDULE).....		\$ _____

BILL NO. 2
SITework

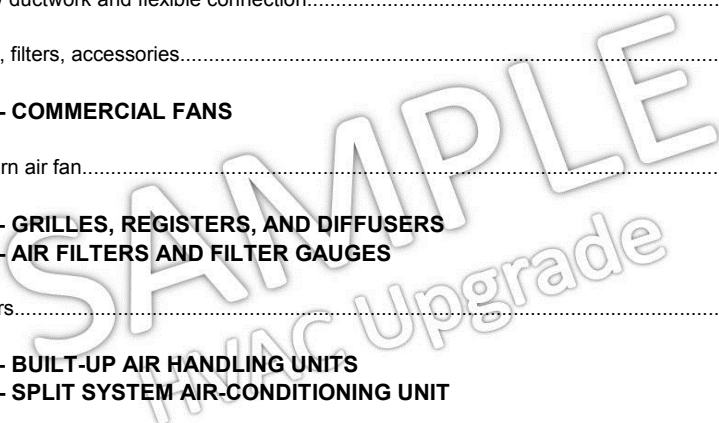
<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
SECTION 02 41 23 - DEMOLITION AND REMOVALS		
29	X-raying and scanning.....	\$ _____
30	Demolish existing acoustic ceiling tiles and suspension system.....	\$ _____
31	Cut and remove existing gypsum board ceiling.....	\$ _____
32	Create openings in partitions / slabs for pipe and ductwork penetrations.....	\$ _____
33	Seal and make good openings in existing partitions / slabs where existing pipes and ductwork removed.....	\$ _____
34	Demolish and remove existing housekeeping pads and make good existing slab.....	\$ _____
35	Miscellaneous removals, relocations and restorations.....	\$ _____
	SECTION 03 10 00 - CONCRETE FORMWORK AND FALSEWORK	
	SECTION 03 20 00 - CONCRETE REINFORCEMENT	
	SECTION 03 30 00 - CAST-IN-PLACE CONCRETE	
36	New concrete housekeeping pads including roughening existing concrete, doweling and reinforcing steel.....	\$ _____
37	Miscellaneous concrete works, cutting, patching and restorations.....	\$ _____
	SECTION 05 12 00 - STRUCTURAL STEEL	
	SECTION 05 50 00 - METAL FABRICATIONS	
38	Steel lintels to duct penetrations in masonry walls.....	\$ _____
39	Installation of stainless steel concealing plate.....	\$ _____
	SECTION 07 51 13 - BUILT-UP BITUMINOUS ROOFING	
40	Seal and patch roof openings at pipe penetrations to match existing.....	\$ _____
41	Miscellaneous roof repairs.....	\$ _____
	SECTION 07 84 00 - FIRESTOPPING AND SMOKE SEALS	
42	Firestopping and smoke seals.....	\$ _____
	SECTION 09 29 00 - GYPSUM AND CEMENT BOARD	
43	New suspended gypsum board ceiling.....	\$ _____
	SECTION 09 51 00 - ACOUSTICAL CEILINGS	
44	New acoustical ceiling tiles and suspension system.....	\$ _____
	TOTAL BILL NO. 2 (INCLUDED IN ITEM NO. 1 IN BILL NO. 5 - PRICE SCHEDULE).....	\$ _____

BILL NO. 3
MECHANICAL

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
<u>SECTION 20 05 00 - MECHANICAL GENERAL REQUIREMENTS</u>		
45	Mechanical general items.....	\$
46	Remove and dispose existing AC units and associated refrigeration and condensate piping.....	\$
47	Temporary cooling.....	\$
48	Miscellaneous, consumables, testing, commissioning etc.....	\$
<u>SECTION 20 05 29 - HANGERS AND SUPPORTS</u>		
49	Ductwork supports.....	\$
<u>SECTION 20 05 48 - MECHANICAL VIBRATION CONTROL</u>		
<u>SECTION 20 05 53 - MECHANICAL IDENTIFICATION</u>		
50	Mechanical vibration control.....	\$
51	Mechanical identification.....	\$
<u>SECTION 22 07 19 - THERMAL INSULATION FOR PIPING</u>		
<u>SECTION 22 13 16 - SANITARY WASTE AND VENT PIPING</u>		
52	Supply and install new insulated condensate drain pipe complete with trap to existing drain.....	\$
<u>SECTION 22 11 16 - DOMESTIC WATER PIPING</u>		
<u>SECTION 22 42 11 - PLUMBING SPECIALTIES AND ACCESSORIES</u>		
53	Domestic water piping and hose bib.....	\$
<u>SECTION 23 05 93 - TESTING, ADJUSTING AND BALANCING (TAB) OF MECHANICAL SYSTEMS</u>		
54	Testing, adjusting and balancing of mechanical systems.....	\$
<u>SECTION 23 09 33 - CONTROLS</u>		
<u>SECTION 25 90 00 - BUILDING AUTOMATION CONTROL SYSTEM (BACS) SEQUENCE OF OPERATIONS</u>		
55	Supply and install thermostats complete with control wiring for AC units.....	\$
56	Tie-in to existing BACS complete with interlocking / wiring.....	\$
57	Miscellaneous.....	\$
<u>SECTION 23 23 00 - REFRIGERANT PIPING</u>		
58	Supply and install new insulated refrigerant lines.....	\$

BILL NO. 3
MECHANICAL(CONTINUED)

<u>Item No.</u>	<u>Description</u>	<u>Lump Sum Prices</u> <u>Excluding HST</u>
SECTION 23 31 14 - DUCTS - LOW PRESSURE		
SECTION 23 33 00 - DUCT ACCESSORIES		
SECTION 23 33 13 - DAMPERS		
SECTION 23 33 46 - FLEXIBLE DUCTWORK		
<u>SECTION 23 82 17 - DUCT HEATERS</u>		
59	Remove and dispose existing ductwork.....	\$ _____
60	Supply and install new ductwork and flexible connection.....	\$ _____
61	Miscellaneous, fittings, filters, accessories.....	\$ _____
<u>SECTION 23 34 16 - COMMERCIAL FANS</u>		
62	Supply and install return air fan.....	\$ _____
SECTION 23 37 13 - GRILLES, REGISTERS, AND DIFFUSERS		
<u>SECTION 23 41 13 - AIR FILTERS AND FILTER GAUGES</u>		
63	Supply and install filters.....	\$ _____
SECTION 23 73 23 - BUILT-UP AIR HANDLING UNITS		
<u>SECTION 23 81 26 - SPLIT SYSTEM AIR-CONDITIONING UNIT</u>		
64	Supply and install AC units complete with condenser units and vibration isolator.....	\$ _____
65	Supply and install ductless AC units complete with condenser units.....	\$ _____
TOTAL BILL NO. 3 (INCLUDED IN ITEM NO. 1 IN BILL NO. 5 - PRICE SCHEDULE).....		\$ _____



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>		
66	Electrical permit.....	\$ _____
67	Electrical general expenses.....	\$ _____
SECTION 26 05 20 - WIRE AND BOX CONNECTORS- 0 -1000V		
SECTION 26 05 21 - WIRES AND CABLES 0 -1000V		
SECTION 26 05 34 - CONDUITS/DUCTS		
<u>SECTION 26 05 36 - CABLE TROUGHS</u>		
68	Conduit for wiring for all work belonging to Sheppard-Yonge Station.....	\$ _____
<u>SECTION 26 05 26 - GROUNDING AND BONDING</u>		
69	Grounding and bonding.....	\$ _____
<u>SECTION 26 05 29 - HANGERS AND SUPPORTS</u>		
70	Hangers and supports.....	\$ _____
<u>SECTION 26 05 31 - SPLITTERS, JUNCTION BOXES, PULL BOXES AND CABINETS</u>		
71	Splitters, junction boxes, pull boxes and cabinets.....	\$ _____
<u>SECTION 26 05 53 - ELECTRICAL IDENTIFICATION</u>		
72	Electrical identification.....	\$ _____
<u>SECTION 26 08 00 - ELECTRICAL TESTING</u>		
73	Testing of equipment.....	\$ _____
SECTION 26 09 24 - CONTROL DEVICES		
<u>SECTION 26 27 26 - WIRING DEVICES</u>		
74	Control devices and wiring devices.....	\$ _____
TOTAL BILL NO. 4 (INCLUDED IN ITEM NO. 1 IN BILL NO. 5 - PRICE SCHEDULE).....		\$ _____
TOTAL FOR BILL NO. 1, 2, 3 AND 4 (CARRIED TO ITEM NO. 1 IN BILL NO. 5 - PRICE SCHEDULE).....		\$ _____

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. 5)	Lump Sum	n/a	\$
				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
HVAC Upgrade