

TRANSMITTAL SHEET

TO: All Bidders
DATE: November 14, 2024
TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE): 27
FROM: Kevin O'Brien, P. Eng. **TEL. #:** (506) 658-2894
Utilities & Infrastructure Services

IF YOU DID NOT RECEIVE ALL PAGES, OR FURTHER INFORMATION IS REQUIRED,
PLEASE CONTACT THE SENDER

MESSAGE:

TENDER NO: 2023-11

Broad Street (Charlotte Street to Carmarthen Street) – Street Reconstruction

Please find attached a copy of Addendum #1 for the above tender.

As of March 2021, please be advised that an *Acknowledgement Form* (historically sent as part of the City's addendum packages) confirming receipt of an Addendum is **no longer** included in the addendum package.

However, in accordance with Section 2.5.03 of the City's General Specifications, it remains a requirement that **each Addendum** will contain a signature page(s) which each Tenderer is **required to sign and include with its Tender submission.**



UTILITIES & INFRASTRUCTURE SERVICES
 Engineering Services
 175 Rothesay Avenue
 Saint John, NB, E2J 2B4

ADDENDUM

PROJECT TITLE:	ADDENDUM NO: <u>1</u>
<u>BROAD STREET (CHARLOTTE STREET TO</u>	DATE: <u>NOVEMBER 14, 2024</u>
<u>CARMARTHEN STREET) – STREET</u>	PAGE: <u>1 OF 26</u>
<u>RECONSTRUCTION</u>	TENDER NO: <u>2023-11</u>

MAKE THE FOLLOWING MODIFICATIONS TO THE ABOVE PROJECT. INCLUDE IN THE AMOUNT OF THE TENDER ANY ADDITIONS TO OR DEDUCTIONS FROM THE COST OF THE WORK BY REASON OF THESE INSTRUCTIONS. THE DATE FOR RECEIVING TENDERS EXTENDED TO: 2:30:00 PM, TUESDAY, NOVEMBER 26, 2024.

ADJUSTMENTS TO THE SPECIFICATIONS

Division 2 – Submission of Tender

The City of Saint John is implementing adjustments to the tender submission procedure as follows:

Section 2.3 Schedule for the Tender Process

Please note that the tender closing date has been extended to 2:30:00pm on Tuesday, November 26, 2024.

Section 2.6.01 Location of Tender Box for the Submission of Tender

175 Rothesay Avenue, Saint John, New Brunswick

The tender box will be available at the main building entrance for submission of tenders by the Tenderer between the hours of 9:30 am and 2:30:00 pm only on the above tender closing date.

There will not be a public tender opening. Registered Bidders will receive an email invitation to view the Tender Opening using Microsoft Teams software. Email invitations will be sent to the address provided on the Official Bidder’s List. The Tender Opening Committee will conduct the evaluation of the tenders and Compliant tenders will be included in the summary of bids on the City’s Tenders & Proposals website within 1 business day following the tender closing.

Division 3 – Particular Specifications

Add the following Section to Division 3:

3.1.45 Working Within Tidal Zone

The Contractor is advised that there may be tidal influences especially when working on the sewers in the Charlotte Street/Broad Street intersection. Tidal influences are experienced within the large diameter combined sewer on the Port Saint John property and the sanitary sewer on Lower Cove Loop. The Contractor should expect impacts when connecting the new sanitary sewer and storm sewer to the existing in the Broad Street/Charlotte Street intersection. There may also be influences on the ground water table level. No additional payment will be made for alternate work hours or changes in the work schedule due to tidal influence or ground water levels.

ADJUSTMENTS TO DIVISION 4 - FORM OF TENDER

In the Contract Specifications, Division 4 – Form of Tender, Section 4.5 (Schedule of Quantities and Unit Prices) replace Sheets 1 to 22 with the attached Sheets 1 to 22.

ENQUIRIES

Please see the following responses to questions received:

Q1: The schedule on Dwg 6 Indicates a Qty of two(2) type T2 “Ivory Silk Lilac”, however the detail to the left of the plant Layout Table is indicating a total of four(4) type T2. Which is correct the detail or schedule?

A1: The schedule has the correct number of trees indicated. The labels on the drawing detail should be adjusted to read T2 (1).

Q2: Is it possible to get a 1 week extension on the closing date?

A2: The tender closing date has been extended to 2:30:00pm on Tuesday, November 26, 2024.

Q3: Is there a conduit already stubbed coming up the street at the Sydney Street end? (It doesn't say anything on that section of conduit.)

A3: As indicated on Sheet 3, the new conduit is to tie into the existing lighting conduit and circuit at the existing pole on the south-west corner of the Broad Street/Sydney Street intersection.

Q4: Are there 5 light poles total?

A4: There are five (5) decorative light poles in total.

Q5: Are poles and anchors supplied by the City or is the contractor to supply?

A5: The contractor is to supply the decorative light poles and anchors.

Q6: We noted that the completion date is September 1st, 2025. Would it be possible to extend the completion date to October 31st, 2025?

A6: The Substantial Completion date remains at September 1, 2025.

Q7: Can you confirm that the gas line truly terminates near Sta 0+222?

A7: The natural gas line location is based upon information provided by Liberty Utilities. The contractor remains responsible for completing locates in the field prior to beginning the work.

Q8: Is the hydrant near Sta 0+082 to be removed and returned to the City?

A8: The existing fire hydrant is to be removed and returned to the City in accordance with Section 3.1.16.

Q9: Is the water service for 43 Broad Street supplied from Sydney Street?

A9: Yes.

Q10: There is an existing water service near 0+202. What is required?

A10: The water service is to be abandoned, including the removal of the service box.

Q11: Is there a particular certification required for the installer of the RRFBs?

A11: In accordance with Section 17.5.01 of the City of Saint John General Specifications, the work is to be completed or directly supervised by an IMSA Traffic Signal Technician with a minimum Level II Bench or Field Certification.

Q12: Based on the potential for contaminated soil, what is the mitigation plan if they are discovered?

A12: Should contaminated or impacted soils be encountered, a soil test will be conducted. If the impacted or contaminated soils are found to be suitable for re-use as trench backfill, they shall be reused as trench backfill up to the bottom of subbase elevation. If the soils are deemed to be unsuitable for reuse, they will be trucked to a licensed treatment facility for disposal.

Q13: Will services be relocated by site instruction if a tree's root bed will be compromised based on the proposed alignment or is direction strictly determined by Leisure Services? What is typically involved in the preservation process?

A13: Services will be relocated by site instruction as directed by the Engineer. The purpose will be to prevent damage/loss of existing trees.

Q14: What is the expected delivery date for the City supplied materials?

A14: It is expected that these materials will be delivered by May 31, 2025.

Q15: Is the backflow preventer testing required at 50 Broad Street paid for under item A2i?

A15: Yes, the testing of the backflow prevention device shall be paid under item A.2.i, "Contingency Allowance for plumbing modifications to building(s) required for connection of temporary water supply hose" in accordance with Section 3.2.01.

Note: Signed copy of the addendum **must** be enclosed in the tender documents, according to the Instructions to Tenderers and Tendering Procedures in Division 2 of the Contract Specifications.

BY:



CHIEF CITY ENGINEER

CONTRACTOR'S SIGNATURE

TO BE SIGNED AND ATTACHED TO TENDER DOCUMENTS

**DIVISION 4
SCHEDULE OF QUANTITIES AND UNIT PRICES**

UNIT PRICE TO BE EITHER
TYPEWRITTEN OR
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AND PRINTED
NUMERICALLY

CONTRACT NUMBER 2023-11

**TITLE: BROAD STREET (CHARLOTTE STREET TO CARMARTHEN STREET)
STREET RECONSTRUCTION**

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
A	WATER						
1	<u>Excavation</u>	13					
	a Rock		m ³	60			
2	<u>Pipelaying & Jointing: Watermain - Supply & Install</u>	7, 10					
	a 25mm Ø Type "K" soft copper pipe including tracer wire and connections		m	153			
	b 50mm Ø Type "K" soft copper pipe including tracer wire and connections		m	32			
	c 100mm Ø PVC, DR18, Class 150 or approved equal including tracer wire and connections		m	16			
	d 150mm Ø PVC, DR18, Class 150 or approved equal including tracer wire and connections		m	24			
	e 200mm Ø PVC, DR18, Class 150 or approved equal including tracer wire and connections		m	285			

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					WRITTEN	NUMERICAL	
f	200mm Ø PVC, DR18, Class 150 or approved equal including tracer wire and connections c/w Nitrile Gaskets		m	65			
g	50mm Ø Rigid PVC temporary water pipe including backflow devices, valves, fittings, drains, casing pipe, sidewalk, driveway and roadway crossings and access ramps		m	410			
h	19mm Ø temporary water hose connection to building including hose, fittings, connection to temporary water pipe, connection to exterior faucet and "wye" faucet adaptor		Each	11			
i	Contingency Allowance for plumbing modifications to building(s) required for connection of temporary water supply hose		LS	1	Five Thousand Five Hundred Dollars and Zero Cents	5,500.00	5,500.00
j	50mm corporation (main) stop complete with service saddle (incl. connection to main, existing service pipe with all fittings, excavation and backfill)		Each	2			
k	25mm curb stops complete, incl. connection to existing service piping with necessary fittings		Each	10			

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					WRITTEN	NUMERICAL	
l	25mm corporation (main) stop complete with service saddle (incl. connection to main, existing service pipe with all fittings, excavation and backfill)		Each	10			
m	50mm curb stops complete, incl. connection to existing service piping with necessary fittings		Each	2			
n	150mm Ø Coupling for connection to existing watermain		Each	2			
o	200mm Ø Coupling for connection to existing watermain		Each	2			
p	200mm x 22 1/2° Bend		Each	2			
q	200mm x 45 ° Bend		Each	6			
r	200mm x 200mm x 100mm Tee		Each	1			
s	200mm x 200mm x 200mm Tee		Each	4			
t	200mm x 150mm Reducer		Each	2			
u	100mm Gate Valve		Each	1			
v	200mm Gate Valve		Each	9			

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					WRITTEN	NUMERICAL	
w	100mm Mechanical Joint Cap c/w 50mm threaded tapped hole and 50mm corporation stop for flushing		Each	1			
x	105mm Service Box & tracer wire		Each	12			
y	130mm Mueller Composite Valve Box with Adjustable top complete with tracer wire		Each	3			
z	5.5kg (12 lb.) Anodes on valves and mechanical fittings 200mm Ø and smaller	10	Each	30			
aa	11kg (24 lb.) Anodes on water service connections, valves and mechanical fittings	10	Each	24			
3	<u>Fire Hydrants - Supply & Install</u>	10					
a	Fire hydrant complete, including anchor tee, 150mm GV, 130mm VB, restraints, concrete thrust blocks, anodes, vertical piping, polyethylene encasement, tracer wire and Storz pumper nozzle		Each	3			

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					WRITTEN	NUMERICAL	
4	<u>Grounding Plate Electrode Supply & Install</u> a Grounding Plate Electrode - complete with wiring, connections, excavation and backfill - must meet the CEC 10-702 (4) requirements	16	Each	10			
5	<u>Insulation - Supply & Install</u> a Supply and install 50mm thick insulation	10	m ²	130			
6	<u>Valve Chambers: Supply & Install</u> a 1200mm Ø valve chamber c/w City adjustable frame & cover and tracer wire b Reuse existing 1200mm Ø valve chamber c/w City adjustable frame & cover and tracer wire	10, 12	Each	5			
7	<u>Calcium Chloride - Supply & Place</u>	24	Per 40 kg	7			
8	<u>Contingency</u>	2.6.03	LS	1		Sixty Two Thousand Dollars and Zero Cents	62,000.00
	AMOUNT "A" (WATER)						

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					WRITTEN	NUMERICAL	
B	SANITARY						
1	<u>Excavation</u>	13					
	a Rock		m ³	90			
2	<u>Backfill</u>	13					
	a Unshrinkable Fill (max 28 day compressive strength < 0.4MPa, Slump 150-200mm, max 25kg of Type 10 Portland cement per m ³ , Air entrainment between 4-6%)		m ³	2			
3	<u>Pipelaying & Jointing: Sanitary Sewer - 7, 11 Supply & Install</u>						
	a 100mm Ø PVC, DR35 with gasket or approved equal		m	16			
	b 150mm Ø PVC, DR35 with gasket or approved equal		m	278			
	c 300mm Ø PVC, DR35 with gasket or approved equal		m	226			
	d 300mm Ø PVC, DR35 or approved equal c/w nitrile gaskets		m	58			

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					WRITTEN	NUMERICAL	
e	100mm sewer lateral connections to main (incl. fitting and bends typ.)		Each	1			
f	150mm sewer lateral connections to main (incl. fittings and bends typ.)		Each	12			
g	Connection of new 100mm pipe to existing 100mm pipe incl. coupling		Each	1			
h	Connection of new 150mm pipe to existing 150mm pipe incl. coupling		Each	15			
i	Connection of new 300mm pipe to existing 300mm pipe incl. coupling		Each	2			
j	150mm Ø Cap		Each	2			
4	<u>Insulation - Supply & Install</u>	11					
a	Supply and install 50mm thick insulation		m ²	177			
5	<u>Manholes: Supply & Install</u>	12					
a	1050mm Ø precast MH complete with City adjustable frame and cover and incl. all labour & materials necessary to connect to new and existing mains & laterals, plus benching, etc.		Each	4			

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					WRITTEN	NUMERICAL	
b	1050mm Ø precast MH complete with City standard frame and cover and incl. all labour & materials necessary to connect to new and existing mains & laterals, plus benching, etc.		Each	1			
6	<u>CCTV Video</u>	11	m	284			
7	<u>Calcium Chloride - Supply & Place</u>	24	Per 40 kg	27			
8	<u>Contingency</u>	2.6.03	LS	1	Fifty Two Thousand Dollars and Zero Cents	52,000.00	52,000.00
	AMOUNT "B" (SANITARY)						

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ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
C	STORM SEWER						
1	<u>Excavation</u>	13					
	a Rock		m ³	60			
2	<u>Pipelaying & Jointing: Storm Sewer - Supply & Install</u>	7, 11					
	a 100mm Ø PVC, DR35 with gasket or approved equal (Color - White)		m	201			
	b 150mm Ø PVC, DR35 with gasket or approved equal (Color - White)		m	2			
	c 200mm Ø PVC, DR35 with gasket or approved equal		m	116			
	d 300mm Ø PVC, DR35 with gasket or approved equal		m	19			
	e 375mm Ø PVC, DR35 with gasket or approved equal		m	217			
	f 525mm Ø concrete, class III with gasket or approved equal		m	64			
	g 100mm Ø PVC Cap		Each	11			

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					WRITTEN	NUMERICAL	
h	300mm Ø PVC Cap		Each	1			
i	375mm Ø PVC Cap		Each	1			
j	Inlet Control Device for Catch Basin		Each	9			
k	Core drill opening into manhole and connect new pipe		Each	2			
l	100mm storm sewer lateral connections to main (incl. fitting and bends typ.)		Each	10			
m	Connection of new 100mm Ø pipe to existing 100mm Ø pipe incl. coupling		Each	1			
n	Connection of new 150mm Ø pipe to existing 150mm Ø pipe incl. coupling		Each	2			
o	Connection of new 525mm Ø pipe to existing 525mm Ø pipe incl. coupling and concrete collar		Each	1			
3	<u>Insulation - Supply & Install</u>	11					
a	Supply and install 50mm thick insulation		m ²	121			
4	<u>Manholes & Catch Basins -Supply & Install</u>	12					

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					WRITTEN	NUMERICAL	
a	1050mm Ø precast MH complete with City adjustable frame and cover and incl. all labour & materials necessary to connect to new and existing mains & laterals, etc.		Each	7			
b	1050mm Ø precast catch basin manhole complete with City standard frame and grate and incl. all labour & materials necessary to connect to new and existing mains & laterals, etc.		Each	1			
c	1050mm Ø precast MH complete with City Standard frame and cover and incl. all labour & materials necessary to connect to new and existing mains & laterals, etc.		Each	1			
d	750mm Ø precast catch basin, complete with City standard frame and cover, incl. all connections		Each	9			
e	Supply and Install Precast Concrete sluice box, incl. all connections		Each	3			
5	<u>Calcium Chloride - Supply & Place</u>	24	Per 40 kg	28			
6	<u>CCTV Video</u>	11	m	418			
7	<u>Contingency</u>	2.6.03	LS	1			
	AMOUNT "C" (STORM SEWER)						
						Thirty Nine Thousand Dollars and Zero Cents	39,000.00

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ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
D	ADJUSTMENT OF STRUCTURES						
1	<u>Adjustment and Rebuilding of Manholes, Catch Basins and Valve Boxes</u> a Adjust top section to finish grade as required, using <u>existing</u> frame & cover including top 5 cm	12	Each	1			
	b Adjust Existing Adjustable Manhole Covers		Each	2			
2	<u>Contingency</u>	2.6.03	LS	1	Five Hundred Dollars and Zero Cents	500.00	500.00
	AMOUNT "D" (ADJUSTMENT OF STRUCTURES)						

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					WRITTEN	NUMERICAL	
E	CONCRETE CURB AND SIDEWALK	23					
1	<u>Concrete Curb (Regular & Dropped) - Supply & Place</u>	23					
a	Concrete curb (regular & dropped). Excavation and backfill NOT included (Method "B")		m	829			
2	<u>Concrete Sidewalk - Supply & Place</u>	23					
a	1.5m wide concrete sidewalk (Regular and Dropped) NOT including excavation and backfill (Method "B")		m	142			
b	3.0m wide concrete sidewalk (Regular & Dropped) NOT INCLUDING excavation and backfill (Method "B")		m	122			
c	1.5m wide red-coloured Harbour Passage concrete sidewalk (Regular & Dropped) NOT INCLUDING excavation and backfill (Method "B").		m	21			
d	3.0m wide red-coloured Harbour Passage concrete sidewalk (Regular & Dropped) NOT INCLUDING excavation and backfill (Method "B").		m	120			
e	Variable width concrete sidewalk (Regular & Dropped) NOT INCLUDING excavation and backfill (Method "B")		m ²	430			

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					WRITTEN	NUMERICAL	
f	Harbour Passage Walkway - Variable width (Regular and Dropped). NOT INCLUDING excavation and backfill (Method "B")		m ²	165			
g	Supply and install new (600mmx600mm) tactile walking surface indicators at crosswalks complete with required connection hardware		Each	34			
3	<u>Welded Wire Fabric</u>	23					
a	Supply and install 152mm x 152mm welded wire fabric, gauge no. 6/6, as directed by the Engineer		m ²	25			

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					WRITTEN	NUMERICAL	
4	<p><u>Expansion Joint Filler</u></p> <p>a Supply & Install 13mm thick DECK-O-FOAM, or approved equal, expansion joint filler between new curb and where full width sidewalk is adjacent to buildings, retaining walls, or other structures. Also supply & install expansion joint filler around utility poles, manhole covers & fire hydrants. Seal with two part polyurethane self levelling compound.</p>	23	m	50			
5	<p><u>Contingency</u></p>	2.6.03	LS	1	Nineteen Thousand Dollars and Zero Cents	19,000.00	19,000.00
	<p>AMOUNT "E" (CONCRETE CURB & SIDEWALK)</p>						

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					WRITTEN	NUMERICAL	
F	ROAD WORK	13, 24					
1	<u>Excavation (Roads or Other Surfaces)</u>						
	a Common excavation		m ³	4650			
	b Rock excavation		m ³	20			
2	<u>Granular Backfill & Compaction (Roads or Other Surfaces) - Supply & Place</u>	13, 24					
	a Imported Pit Run Gravel Subbase		m ³	2750			
	b Imported Crushed Gravel Base Material		m ³	950			
3	<u>Bituminous Tack</u>	27					
	a Supply & place bituminous tack		m ²	7500			
4	<u>Asphalt Cold Milling - Removal of Existing Asphalt & Disposal at an Approved Location</u>	27					
			m ²	50			

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STREET RECONSTRUCTION**

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
5	<u>Asphalt Concrete - Supply & Place</u> a Superpave 9.5 (0.3 to < 3 million ESALs) b Superpave 12.5 (0.3 to < 3 million ESALs) c Superpave 9.5 (0.3 to < 3 million ESALs) Miscellaneous Handwork	27	t	405			
6	<u>Traffic Markings</u> a Traffic Lines (Painted) - Yellow, White, Cross Hatching, Stop Bars, Arrows and Crosswalks. Includes Harbour Passage and Bike Trail	3	L.S.	1			
7	<u>Calcium Chloride - Supply & Place</u>	24	Per 40 kg	169			
8	<u>Contingency</u>	2.6.03	LS	1		43,000.00	43,000.00
	AMOUNT "F" (ROAD WORK)						

Forty Three Thousand Dollars and Zero Cents

**DIVISION 4
SCHEDULE OF QUANTITIES AND UNIT PRICES**

UNIT PRICE TO BE EITHER
TYPEWRITTEN OR
PRINTED IN INK IN WORDS
AND PRINTED
NUMERICALLY

CONTRACT NUMBER 2023-11

**TITLE: BROAD STREET (CHARLOTTE STREET TO CARMARTHEN STREET)
STREET RECONSTRUCTION**

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
G	LANDSCAPING	26					
1	<u>Landscaping - Supply & Place</u>						
	a Topsoil - 100mm thickness		m ³	517			
	b Nursery Sod (minimum thickness 40mm)		m ²	5170			
	c Nursery Trees (min 50mm Ø trunk B&B) Supply and install 2000mm x 1500mm x 900mm tree pit excavation, tree, backfill and topsoil.		Each	3			
	d Supply and install flower beds including plants, topsoil, mulch, etc.		LS	1			
2	<u>Contingency</u>	2.6.03	LS	1	Seven Thousand Dollars and Zero Cents	7,000.00	7,000.00
	AMOUNT "G" (LANDSCAPING)						

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SCHEDULE OF QUANTITIES AND UNIT PRICES**

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CONTRACT NUMBER 2023-11

**TITLE: BROAD STREET (CHARLOTTE STREET TO CARMARTHEN STREET)
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ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
H	<u>MISCELLANEOUS WORK</u>						
1	<u>Harbour Passage Accessories</u>						
	a Supply and install Harbour Passage Benches		Each	2			
	b Supply and install Harbour Passage Bike Racks		Each	1			
	c Supply and install Harbour Passage Trash Cans		Each	2			
2	<u>Traffic Signage and Accessories</u>						
	a Supply and install metal Tele-spar sign post and receiver kits as directed by the Engineer. Including all hardware and installation of signs to be re-used on new posts, as indicated on the contract drawings		Each	29			
	b Supply and install new traffic signs as indicated on the contract drawings		Each	44			

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CONTRACT NUMBER 2023-11

**TITLE: BROAD STREET (CHARLOTTE STREET TO CARMARTHEN STREET)
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ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
c	Install set of City-supplied RRFB systems including poles, solar panels, APS push buttons, RRFB lights, wiring, programming, commissioning, and all other necessary work to make a complete working crosswalk system.		Each	3			
d	Supply and install Concrete Bases for RRFB poles. Excavation and backfill included.		Each	7			
e	Remove Existing Traffic Signal System incl. components identified for salvage and return to the City at 175 Rothesay Avenue depot.		LS	1			
3	<u>Contingency</u>	2.6.03	LS	1	Four Thousand Dollars and Zero Cents	4,000.00	4,000.00
	AMOUNT "H" (MISCELLANEOUS)						

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CONTRACT NUMBER 2023-11
**TITLE: BROAD STREET (CHARLOTTE STREET TO CARMARTHEN STREET)
STREET RECONSTRUCTION**

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
I	STREET LIGHTING						
1	<u>Supply & Install Complete Operating Street Lights</u>	3					
	a 50mm Ø PVC Conduit trench for street lights, including excavation, sand, and backfill - NON-CONCRETE ENCASED, INCLUDING CONDUCTORS		m	138			
	b 50mm Ø PVC Conduit trench for street lights, including excavation, sand, and backfill - CONCRETE ENCASED, INCLUDING CONDUCTORS		m	11			
	c 50mm Ø PVC Conduit trench for street lights, including excavation, sand, and backfill - NON-CONCRETE ENCASED, c/w PULL ROPE		m	10			
	d 50mm Ø PVC Conduit trench for street lights, including excavation, sand, and backfill - CONCRETE ENCASED, c/w PULL ROPE		m	11			
	e Harbour Passage decorative Light Standard. Complete with light fixture with integral photocell, poles, fixture wiring and commissioning		Each	5			

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ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
f	Connect new Harbour Passage light circuit to existing		LS	1			
g	Concrete Bases for Harbour Passage decorative street lamps		Each	5			
2	<u>Contingency</u>	2.6.03	LS	1	Ten Thousand Dollars and Zero Cents	10,000.00	10,000.00
	SUB-TOTAL "I" (STREET LIGHTING)						
	SUBTOTAL (A+B+C+D+E+F+G+H+I)						
	HARMONIZED SALES TAX (HST) 15 %						
	TOTAL INCLUDING HST						