

FORM A: BID
(See B8)

1. **Contract Title** Polo Park Infrastructure Improvements – St. Matthews Avenue, St. James Street, King Edward Street East and Ellice Avenue Reconstructions, Watermain Renewals and Associated Works
2. **Bidder**
- _____
Name of Bidder
- _____
Usual Business Name of Bidder as it appears on Invoice (if different from above)
- _____
Street
- _____
City Province Postal Code
- (Mailing address if different)
- _____
Email Address of Bidder
- _____
Facsimile Number
- _____
Street or P.O. Box
- (Choose one)
- _____
City Province Postal Code
- The Bidder is:
- a sole proprietor
- a partnership
- a corporation
- carrying on business under the above name.
3. **Contact Person** The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.
- _____
Contact Person Title
- _____
Telephone Number Facsimile Number
4. **Definitions** All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions.
5. **Offer** The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.

6. Bid Security
- In accordance with B12.1, the Bidder encloses bid security in the form of:
- (Choose one)
- a bid bond (Form G1: Bid Bond and Agreement to Bond)
- an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
- a certified cheque or draft
- and agrees that it shall be held by the City in accordance with the Contract.
7. Execution of Contract
- The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.
8. Commencement of the Work
- The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9. Contract
- The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.
10. Addenda
- The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
- | No. | Dated |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
11. Time
- This offer shall be open for acceptance, binding and irrevocable for a period of one hundred (100) Calendar Days following the Submission Deadline.

12. Signatures

The Bidder or the Bidder's authorized official or officials have signed this

_____ day of _____, 20____.

Signature of Bidder or
Bidder's Authorized Official or Officials

(Print here name and official capacity of individual whose signature appears above)

(Print here name and official capacity of individual whose signature appears above)

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1- POLO PARK INFRASTRUCTURE IMPROVEMENTS						
A	<u>ROADWORKS- St. Matthews Avenue- St. James Street to Empress Street</u>					
EARTH AND BASE WORKS						
A.1	Excavation	CW 3110-R18 E19	m ³	8300		
A.2	Sub-Grade Compaction	CW 3110-R18	m ²	9750		
A.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	3600		
ii)	100 mm		tonne	8700		
A.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	870		
A.5	Grading of Boulevards	CW 3110-R18	m ²	500		
A.6	Removal of Existing Concrete Bases	CW 3110-R18				
i)	600 mm Diameter or Less		each	15		
ii)	Greater than 600 mm Diameter		each	3		
A.7	Separation Geotextile Fabric	CW 3130-R4	m ²	9750		
A.8	Supply and Install Geogrid	CW 3135-R1	m ²	4900		
ROADWORK - REMOVALS/ RENEWALS						
A.9	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	6000		
ii)	Asphalt Pavement		m ²	2800		
iii)	Temporary Asphalt Pavement		m ²	200		
A.10	Drilled Dowels	CW 3230-R8				
i)	28.6 mm Diameter		each	250		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.11	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	72		
ii)	20 M Deformed Tie Bar		each	15		
A.12	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	950		
A.13	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	25		
ii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	40		
A.14	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	200		
A.15	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	16		
A.16	Wood Fence Removal	E17	m	335		
A.17	Removal of Bollards	E18	each	15		
A.18	Tree Removal	E15				
i)	0 to 10 cm diameter		each	20		
ii)	11 to 30 cm diameter		each	35		
iii)	Over 30 cm diameter		each	6		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORK - NEW CONSTRUCTION						
A.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15 E20				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	7430		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	100		
iii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	430		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	5		
A.20	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 230 mm Concrete Pavement for Early Opening 72-hour (Plain-Dowelled)		m ²	1030		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 72-hour (Reinforced)		m ²	220		
A.21	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	460		
ii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	110		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	60		
A.22	Supply and Installation of Dowel Assemblies	CW 3310-R15	m	1900		
A.23	100 mm Concrete Sidewalk	CW 3325-R5	m ²	1850		
A.24	Interlocking Paving Stones	CW 3335-R1 E16				
i)	Sidewalk Band		m ²	250		
A.25	Construction of Asphalt Patches	CW 3410-R10	m ²	25		
A.26	Installation of Subdrains	CW 3120-R4	m	710		
ADJUSTMENTS						
A.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4		
A.28	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	2.0		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.29	Lifter Rings	CW 3210-R7				
i)	64 mm		each	9		
A.30	Replacing Existing Manhole or Catch Basin Rungs	CW 2130-R12	each	10		
A.31	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	4		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	4		
A.32	Adjustment of Valve Boxes	CW 3210-R7	each	3		
A.33	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
	LANDSCAPING					
A.34	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	200		
ii)	width > or = 600 mm		m ²	300		
A	<u>ROADWORKS- St. Matthews Avenue- St. James Street to Empress Street</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>ROADWORKS- St. James Street- Maroons Road to St. Matthews Avenue</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R18 E19	m ³	5500		
B.2	Sub-Grade Compaction	CW 3110-R18	m ²	6500		
B.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	2400		
ii)	100 mm		tonne	5800		
B.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	600		
B.5	Grading of Boulevards	CW 3110-R18	m ²	150		
B.6	Removal of Existing Concrete Bases	CW 3110-R18				
i)	600 mm Diameter or Less		each	5		
ii)	Greater than 600 mm Diameter		each	3		
B.7	Separation Geotextile Fabric	CW 3130-R4	m ²	6500		
B.8	Supply and Install Geogrid	CW 3135-R1	m ²	3250		
	ROADWORK - REMOVALS/ RENEWALS					
B.9	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	5650		
ii)	Temporary Asphalt Pavement		m ²	400		
B.10	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	3		
ii)	200 mm Concrete Pavement (Type B)		m ²	60		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Greater than 20 sq.m.		m ²	280		
B.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	25		
b)	Greater than 30 m		m	85		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	20		
B.13	Drilled Dowels	CW 3230-R8				
i)	28.6 mm Diameter		each	315		
B.14	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	80		
ii)	20 M Deformed Tie Bar		each	160		
B.15	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Monolithic Median Slab		m ²	175		
ii)	100 mm Sidewalk		m ²	1500		
B.16	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	210		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
iii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	80		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.17	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	1250		
B.18	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	20		
B.19	Remove and Salvage Existing Overhead Sign Structure	E14	each	1		
ROADWORK - NEW CONSTRUCTION						
B.20	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15 E20				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	5020		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	100		
iii)	Construction of Concrete Safety Medians	SD-226B	m ²	170		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	5		
B.21	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 230 mm Concrete Pavement for Early Opening 72-hour (Plain-Dowelled)		m ²	520		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 72-hour (Reinforced)		m ²	160		
B.22	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	56		
ii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	425		
iii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	75		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	45		
B.23	Supply and Installation of Dowel Assemblies	CW 3310-R15	m	1250		
B.24	100 mm Concrete Sidewalk	CW 3325-R5	m ²	1450		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.25	Interlocking Paving Stones	CW 3335-R1 E16				
i)	Median		m ²	67		
ii)	Sidewalk Band		m ²	250		
B.26	Lean Concrete Base	CW 3335-R1	m ²	67		
B.27	Reflective Crack Maintenance	CW 3250-R7	m	300		
B.28	Installation of Subdrains	CW 3120-R4	m	580		
ADJUSTMENTS						
B.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	10		
B.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	4.0		
B.31	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2		
ii)	64 mm		each	10		
B.32	Patching Existing Manholes	CW 2130-R12	vert. m	2.5		
B.33	Replacing Existing Manhole or Catch Basin Rungs	CW 2130-R12	each	20		
B.34	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	5		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	5		
B.35	Adjustment of Traffic Signal Service Box Frames	CW 3210-R7	each	3		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.36	LANDSCAPING Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	50		
ii)	width > or = 600 mm		m ²	100		
B	<u>ROADWORKS- St. James Street- Maroons Road to St. Matthews Avenue</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>ROADWORKS- Ellice Avenue- Century Street to Milt Stegall Drive</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R18 E19	m ³	5800		
C.2	Sub-Grade Compaction	CW 3110-R18	m ²	6810		
C.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	2550		
ii)	100 mm		tonne	6100		
C.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	700		
C.5	Grading of Boulevards	CW 3110-R18	m ²	1600		
C.6	Removal of Existing Concrete Bases	CW 3110-R18				
i)	600 mm Diameter or Less		each	8		
ii)	Greater than 600 mm Diameter		each	1		
C.7	Separation Geotextile Fabric	CW 3130-R4	m ²	6810		
C.8	Supply and Install Geogrid	CW 3135-R1	m ²	3400		
	ROADWORK - REMOVALS/ RENEWALS					
C.9	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	5600		
ii)	Temporary Asphalt Pavement		m ²	900		
C.10	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	100		
ii)	20 M Deformed Tie Bar		each	20		
iii)	25 M Deformed Tie Bar		each	70		

 Name of Bidder

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.11	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	950		
C.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	15		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
C.13	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	260		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	30		
iii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	180		
C.14	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	1600		
C.15	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	14		
C.16	Tree Removal	E15				
i)	0 to 10 cm diameter		each	5		
ii)	11 to 30 cm diameter		each	1		
iii)	Over 30 cm diameter		each	1		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORK - NEW CONSTRUCTION					
C.17	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15 E20				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	4900		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	230		
iii)	Construction of Concrete Safety Medians	SD-226B	m ²	90		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	7		
C.18	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 230 mm Concrete Pavement for Early Opening 72-hour (Plain-Dowelled)		m ²	640		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 72-hour (Reinforced)		m ²	230		
C.19	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	185		
ii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	75		
iii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	125		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	70		
v)	Construction of Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	370		
C.20	Supply and Installation of Dowel Assemblies	CW 3310-R15	m	1250		
C.21	100 mm Concrete Sidewalk	CW 3325-R5	m ²	1115		
C.22	Interlocking Paving Stones	CW 3335-R1 E16				
i)	Median		m ²	300		
ii)	Sidewalk Band		m ²	230		
C.23	Lean Concrete Base	CW 3335-R1	m ²	300		
C.24	Construction of Asphalt Patches	CW 3410-R10	m ²	75		
C.25	Reflective Crack Maintenance	CW 3250-R7	m	500		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.26	Installation of Subdrains	CW 3120-R4	m	660		
	ADJUSTMENTS					
C.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3		
C.28	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
C.29	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
C.30	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	3		
C.31	Lifter Rings	CW 3210-R7				
i)	64 mm		each	7		
C.32	Adjustment of Valve Boxes	CW 3210-R7	each	1		
C.33	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
	LANDSCAPING					
C.34	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	200		
ii)	width > or = 600 mm		m ²	1400		
C	<u>ROADWORKS- Ellice Avenue- Century Street to Milt Stegall Drive</u>				Subtotal:	

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- St. James Street to Omand's Creek</u>					
D.1	Land Drainage Sewers	CW 2130-R12 E27				
i)	525mm C76 - CL IV					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	50		
ii)	750mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	120		
iii)	900mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	4 - 5 m		m	55		
iv)	1050mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	4 - 5 m		m	175		
v)	1200mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	4 - 5 m		m	25		
D.2	Manhole	CW 2130-R12 E43				
i)	SD-010					
a)	1200mm diameter base		vt.m	4		
b)	1500mm diameter base		vt.m	6		
c)	1800mm diameter base		vt.m	13		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.3	Catch Basin	CW 2130-R12 E43				
i)	SD-024, 1800 mm deep		each	6		
ii)	SD-025, 1800 mm deep		each	4		
D.4	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Bedding, Class 3 Backfill		m	100		
ii)	300 mm, PVC					
a)	Trenchless Installation, Class B Bedding, Class 3 Backfill		m	30		
D.5	Sewer Service Riser	CW 2130-R12				
i)	250 mm					
a)	SD-015		vt.m	5		
D.6	Connecting to Existing Catch Basin	CW 2130-R12				
	250 mm Drainage Connection Pipe		each	2		
D.7	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2		
ii)	300 mm		each	2		
D.8	Removal of Existing Manholes	CW 2130-R12	each	3		
D.9	Removal of Existing Catch Basins	CW 2130-R12	each	6		
D.10	Plugging and Abandoning Existing Sewers and Sewer Services	CW 2130-R12				
i)	Abandoning Existing Sewers With Cement Stabilized Flowable Fill		m ³	20		
ii)	Abandoning Existing Sewers Under Pavement					
a)	250 mm		each	6		
D.11	Catchbasin Insulation	E23	each	3		

 Name of Bidder

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.12	Concrete Pipe Three-Edge Bearing Test	CW 2130-R12				
i)	525 mm C76 - CL IV		each	1		
ii)	750 mm C76 - CL III		each	1		
iii)	900 mm C76 - CL III		each	1		
iv)	1050 mm C76 - CL III		each	1		
v)	1200 mm C76 - CL III		each	1		
D.13	Sewer Inspection	CW 2145-R3				
i)	525 mm		l.m.	50		
ii)	700 mm		l.m.	120		
iii)	900 mm		l.m.	55		
iv)	1050 mm		l.m.	175		
v)	1200 mm		l.m.	25		
D.14	Omand's Creek Flow Control	E33				
	Near St. Matthews Ave.		each	1		
D.15	Excavation for Granular Rib	E36	m ³	330		
D.16	Construct Granular Rib	E36	tonne	700		
D.17	Remove Existing 300 CSP Outfall	CW 3610-R4	m	7		
D.18	Supply and Install Polymercoat CSP Outfall	E34				
	c/w granular underdrain					
i)	300 mm diam CSP (1.6mm)		m	7		
ii)	600 mm diam CSP (2.0mm)		m	9		
iii)	1400 mm diam CSP (3.5mm)		m	16		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.19	Supply and Install external slip joint	E34				
i)	600 mm diam CSP		each	1		
ii)	1400 mm diam CSP		each	2		
D.20	Construct Concrete Collar	E34				
i)	1400 mm diam CSP		each	1		
D.21	Outfall Bar Screens	E34				
i)	300 mm diam CSP		each	1		
ii)	600 mm diam CSP		each	1		
iii)	1400 mm diam CSP		each	1		
D.22	Supply and Install Riprap	E39	m ³	40		
D.23	Reuse Existing Riprap	E39	m ³	10		
D.24	Geotextile Underlay	E39	m ²	70		
D.25	Soil Amendment and Finish Grading	E40	m ²	900		
D.26	Chemical Application of Herbicide	E41	m ²	900		
D.27	Native Grass Seeding	E42	m ²	900		
D.28	Supply, Install and Maintain Silt Fence	E37	m	60		
D	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- St. James Street to Omand's Creek</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>LAND DRAINAGE SEWER- St. James Street- Maroons Road to St. Matthews Avenue</u>					
E.1	Land Drainage Sewers	CW 2130-R12 E27				
	i) 525mm C76 - CL IV					
	a) trenchless installation, Class B Type 3 bedding, Class 3 backfill					
	i) 3 - 4 m		m	75		
	ii) 750mm C76 - CL III					
	a) trenchless installation, Class B Type 3 bedding, Class 3 backfill					
	i) 3 - 4 m		m	25		
E.2	Manhole	CW 2130-R12 E43				
	i) SD-010					
	a) 1200mm diameter base		vt.m	4		
E.3	Catch Basin	CW 2130-R12 E43				
	i) SD-024, 1800 mm deep		each	1		
	ii) SD-025, 1800 mm deep		each	3		
E.4	Catch Pit	CW 2130-R12				
	i) SD-023		each	1		
	ii) SD-023 c/w Frame (AP-004) and Cover (AP-006)		each	1		
E.5	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) Trenchless Installation, Class B Bedding with Sand, Class 3 Backfill		m	20		
	ii) 300 mm, PVC					
	a) Trenchless Installation, Class B Bedding with Sand, Class 3 Backfill		m	20		
E.6	Drainage Connection Pipe	CW 2130-R12	m	5		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.7	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
E.8	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
E.9	Removal of Existing Manholes	CW 2130-R12	each	1		
E.10	Removal of Existing Catch Basins	CW 2130-R12	each	6		
E.11	Plugging and Abandoning Existing Sewers and Sewer Services	CW 2130-R12				
i)	Abandoning Existing Sewers With Cement Stabilized Flowable Fill		m ³	12		
ii)	Abandoning Existing Sewers Under Pavement					
a)	250 mm		each	7		
E.12	Sewer Inspection	CW 2145-R3				
i)	525 mm		l.m.	75		
ii)	750 mm		l.m.	25		
E.13	Construct 150mm Vent Pipe For Sewer Abandonment	E30	each	1		
E	<u>LAND DRAINAGE SEWER- St. James Street- Maroons Road to St. Matthews Avenue</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>LAND DRAINAGE SEWER- Ellice Avenue- Century Street to Omand's Creek</u>					
F.1	Land Drainage Sewers	CW 2130-R12 E27				
i)	375mm - SDR 35 PVC					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	95		
ii)	450mm C76 - CL IV					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	75		
iii)	600mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	40		
iv)	750mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	20		
v)	900mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	175		
vi)	1200mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	4 - 5 m		m	185		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.2	Manhole	CW 2130-R12 E43				
i)	SD-010					
a)	1200mm diameter base		vt.m	8		
b)	1500mm diameter base		vt.m	4		
c)	1800mm diameter base		vt.m	11		
d)	2400mm diameter base		vt.m	4		
F.3	Catch Basin	CW 2130-R12 E43				
i)	SD-024, 1800 mm deep		each	8		
F.4	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
F.5	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Bedding with Sand, Class 3 Backfill		m	60		
ii)	300 mm, PVC					
a)	Trenchless Installation, Class B Bedding with Sand, Class 3 Backfill		m	20		
F.6	Drainage Connection Pipe	CW 2130-R12	m	5		
F.7	Sewer Service Riser	CW 2130-R12				
i)	250 mm					
a)	SD-015		vt.m	5		
ii)	300 mm					
a)	SD-015		vt.m	5		
F.8	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.9	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
ii)	300 mm		each	1		
F.10	Removal of Existing Catch Basins	CW 2130-R12	each	6		
F.11	Removal of Existing Catch Pit	CW 2130-R12	each	2		
F.12	Plugging and Abandoning Existing Sewers and Sewer Services	CW 2130-R12				
i)	Abandoning Existing Sewers With Cement Stabilized Fllowable Fill		m ³	5		
ii)	Abandoning Existing Sewers Under Pavement					
a)	250 mm		each	6		
F.13	Catchbasin Insulation	E23	each	1		
F.14	Sewer Inspection	CW 2145-R3				
i)	375 mm		l.m.	95		
ii)	450 mm		l.m.	75		
iii)	750 mm		l.m.	20		
iv)	900 mm		l.m.	175		
v)	1200 mm		l.m.	185		
F.15	Omand's Creek Flow Control	E33				
	Near St. Ellice Ave.		each	1		
F.16	Supply and Install Polymercoat CSP Outfall	E34				
	c/w granular underdrain					
i)	1400 mm diam CSP (3.5mm)		m	17		
F.17	Supply and Install external slip joint	E34				
i)	1400 mm diam CSP		each	1		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.18	Construct Concrete Collar	E34				
i)	1400 mm diam CSP		each	1		
F.19	Outfall Bar Screens	E34				
i)	1400 mm diam CSP		each	1		
F.20	Supply and Install Riprap	E39	m ³	20		
F.21	Reuse Existing Riprap	E39	m ³	5		
F.22	Geotextile Underlay	E39	m ²	35		
F.23	Soil Amendment and Finish Grading	E40	m ²	300		
F.24	Chemical Application of Herbicide	E41	m ²	300		
F.25	Native Grass Seeding	E42	m ²	300		
F.26	Supply, Install and Maintain Silt Fence	E37	m	20		
F	<u>LAND DRAINAGE SEWER- Ellice Avenue- Century Street to Omand's Creek</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	<u>WATERMAIN- St. Matthews Avenue- St. James Street to Empress Street</u>					
G.1	Watermain Renewals	CW 2110-R11				
i)	150mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	15		
ii)	200mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	35		
iii)	250mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	370		
iv)	300mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	35		
G.2	Hydrant Assembly	CW 2110-R11				
i)	SD-006		each	4		
G.3	Relocate Existing Hydrant - Type A	CW 2110-R11	each	1		
G.4	Watermain Valve	CW 2110-R11				
i)	150mm		each	1		
ii)	200mm		each	1		
iii)	250mm		each	4		
iv)	300mm		each	2		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.5	Connecting to Existing Watermain and Large Diameter Water Services	CW 2110-R11				
i)	Inline connection –no plug existing					
a)	150mm		each	1		
b)	200mm		each	2		
c)	300mm		each	2		
G.6	Fittings	CW 2110-R11				
i)	Bend (SD-004)					
a)	200mm 45° Bend		each	2		
b)	250mm 45° Bend		each	2		
c)	300mm 45° Bend		each	2		
ii)	Tees					
a)	250mm x 250mm x 150mm Tee		each	1		
b)	250mm x 250mm x 200mm Tee		each	2		
c)	300mm x 300mm x 300mm Tee		each	1		
iii)	Cross					
a)	250mm x 200mm		each	1		
iv)	Reducers					
a)	300mm x 250 mm		each	1		
G.7	Water Service	CW 2110-R11				
i)	50mm Copper					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	25		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.8	10.9 Kilogram Zinc Anodes	CW 2110-R11				
i)	On water services		each	1		
G.9	Abandonment of Existing Valve Pits	E22	each	1		
G.10	Board Insulation	E23	m ²	15		
G	<u>WATERMAIN- St. Matthews Avenue- St. James Street to Empress Street</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H	<u>WATERMAIN- St. James Street- Maroons Road to North Side of St. Matthews Avenue</u>					
H.1	Watermain Renewals	CW 2110-R11				
	i) 150mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	15		
	ii) 200mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	380		
H.2	Hydrant Assembly	CW 2110-R11				
	i) SD-007		each	3		
H.3	Watermain Valve	CW 2110-R11				
	i) 150mm		each	2		
	ii) 200mm		each	7		
H.4	Connecting to Existing Watermain and Large Diameter Water Services	CW 2110-R11				
	i) Inline connection –no plug existing					
	a) 150mm		each	2		
	b) 200mm		each	3		
H.5	Fittings	CW 2110-R11				
	i) Bend (SD-004)					
	a) 200mm 45° Bend		each	6		
	ii) Tee					
	a) 200mm x 200mm x 150mm		each	2		
	b) 200mm x 200mm x 200mm		each	4		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.6	10.9 Kilogram Zinc Anodes	CW 2110-R11				
i)	On water services		each	3		
H	<u>WATERMAIN- St. James Street- Maroons Road to North Side of St. Matthews Avenue</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	<u>WATERMAIN- Ellice Avenue- Century Street to St. James Street</u>					
I.1	Watermain Renewals	CW 2110-R11				
	i) 150mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	30		
	ii) 200mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	45		
	iii) 250mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	275		
I.2	Hydrant Assembly	CW 2110-R11				
	i) SD-006		each	3		
I.3	Watermain Valve	CW 2110-R11				
	i) 150mm		each	2		
	ii) 200mm		each	2		
	iii) 250mm		each	4		
I.4	Connecting to Existing Watermain and Large Diameter Water Services	CW 2110-R11				
	i) Inline connection –no plug existing					
	a) 150mm		each	2		
	b) 200mm		each	2		
	c) 250mm		each	3		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.5	Fittings	CW 2110-R11				
i)	Bend (SD-004)					
a)	200mm 45° Bend		each	4		
b)	250mm 45° Bend		each	4		
ii)	Tees					
a)	250mm x 250mm x 150mm		each	2		
b)	250mm x 250mm x 250mm		each	2		
iii)	Cross					
a)	250mm x 250mm		each	1		
iv)	Reducers					
a)	250mm x 200mm		each	2		
I.6	Water Service	CW 2110-R11				
i)	38mm Copper					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	20		
I.7	Connecting Existing Copper Water Services to New Watermain	CW 2110-R11				
i)	38mm		each	1		
I.8	Corporation Stops	CW 2110-R11				
i)	38mm Saddle		each	1		
I.9	Curb Stops	CW 2110-R11				
i)	38mm		each	1		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.10	Curb Stop Boxes	CW 2110-R11				
i)	38mm		each	1		
I.11	10.9 Kilogram Zinc Anodes	CW 2110-R11				
a)	On water services		each	1		
I.12	Board Insultion	E23	m ²	20		
I	<u>WATERMAIN- Ellice Avenue- Century Street to St. James Street</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J	<u>WATERMAIN- Ellice Avenue- St. James Street to Milt Stegall Drive</u>					
J.1	Watermain Renewals	CW 2110-R11				
	i) 150mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	5		
	ii) 250mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	160		
J.2	Hydrant Assembly	CW 2110-R11				
	i) SD-007		each	2		
J.3	Watermain Valve	CW 2110-R11				
	i) 250mm		each	1		
J.4	Connecting to Existing Watermain and Large Diameter Water Services	CW 2110-R11				
	i) In-line connection –no plug existing					
	a) 150mm		each	1		
	b) 200mm		each	1		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J.5	Fittings	CW 2110-R11				
i)	Bend (SD-004)					
a)	200mm 45° Bend		each	2		
ii)	Tees					
a)	250mm x 250mm x 150mm		each	1		
iii)	Reducer					
a)	250mm x 200mm		each	1		
J.6	Water Service	CW 2110-R11				
i)	38mm Copper					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	5		
J.7	Connecting Existing Copper Water Services to New Watermain	CW 2110-R11				
i)	38mm		each	1		
J.8	Corporation Stops	CW 2110-R11				
i)	38mm Saddle		each	1		
J.9	10.9 Kilogram Zinc Anodes	CW 2110-R11				
i)	On water services		each	1		
J.10	Board Insulation	E23	m ²	10		
J	<u>WATERMAIN- Ellice Avenue- St. James Street to Milt Stegall Drive</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K	<u>UNDERGROUND- Provisional Items</u>					
K.1	Cement Stabilized Backfill Material	E31	m ³	175		
K.2	150mm Sacrificial Concrete Pavement	E31	m ²	175		
K.3	Construction of Asphalt Patches	E31				
i)	Temporary		m ²	20		
ii)	Permanent		m ²	375		
K.4	Concrete Pavement Repairs	E31				
i)	200 mm Reinforced		m ²	380		
K.5	Concrete Sidewalk	E31	m ²	35		
K.6	Concrete Barrier Curb (Dowelled)	E31	m	35		
K.7	Water Service Replacement	CW 2110-R11				
i)	19mm					
a)	trenchless installation, Class B					
	sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B					
	sand bedding, Class 5 backfill		m	20		
ii)	25mm					
a)	trenchless installation, Class B					
	sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B					
	sand bedding, Class 5 backfill		m	20		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	38mm					
a)	trenchless installation, Class B					
	sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B					
	sand bedding, Class 5 backfill		m	20		
iv)	50mm					
a)	trenchless installation, Class B					
	sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B					
	sand bedding, Class 5 backfill		m	20		
K.8	Connecting Existing Copper Water Services to New Watermain	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm		each	1		
iv)	50mm		each	1		
K.9	Corporation Stops	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm Saddle		each	1		
iv)	50mm Saddle		each	1		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K.10	Curb Stops	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm		each	1		
iv)	50mm		each	1		
K.11	Curb Stop Boxes	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm		each	1		
iv)	50mm		each	1		
K.12	10.9 Kilogram Zinc Anodes	CW 2110-R11				
i)	On water service		each	1		
ii)	On Metallic Watermains		each	1		
K.13	Maintaining Curb Stop Excavations	CW 2110-R11	day	10		
K.14	Regrading of Existing Sewer Service – Up to 1.5 meters Long	CW 2110-R11				
i)	150mm		each	1		
K.15	Regrading of Existing Sewer Service – Longer Than 1.5 meters	CW 2110-R11				
i)	150mm		m	20		
K.16	Exploration of Existing Services	E26	each	30		
K.17	Trenchless Excavation Obstruction	E28	Allowance		XXXXX	\$25,000.00
K	<u>UNDERGROUND- Provisional Items</u>				Subtotal:	\$25,000.00

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 PENDING PROPERTY ACQUISITION (See B9.5, B16.2.1, B17.4, D2, D14.4)						
L	<u>ROADWORKS- St. Matthews Avenue- Empress Street to 160 m East of Empress Street</u>					
EARTH AND BASE WORKS						
L.1	Excavation	CW 3110-R18 E19	m ³	800		
L.2	Sub-Grade Compaction	CW 3110-R18	m ²	900		
L.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	325		
ii)	100 mm		tonne	800		
L.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	100		
L.5	Grading of Boulevards	CW 3110-R18	m ²	300		
L.6	Removal of Existing Concrete Bases	CW 3110-R18				
i)	600 mm Diameter or Less		each	2		
L.7	Separation Geotextile Fabric	CW 3130-R4	m ²	900		
L.8	Supply and Install Geogrid	CW 3135-R1	m ²	450		
ROADWORK - REMOVALS/ RENEWALS						
L.9	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	455		
ii)	Asphalt Pavement		m ²	80		
iii)	Temporary Asphalt Pavement		m ²	50		
L.10	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m ²	60		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L.11	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	3		
ii)	200 mm Concrete Pavement (Type B)		m ²	130		
L.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	12		
ii)	28.6 mm Diameter		each	75		
L.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	24		
ii)	20 M Deformed Tie Bar		each	130		
iii)	25 M Deformed Tie Bar		each	160		
L.14	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	375		
L.15	Concrete Curb Removal	CW 3240-R10				
i)	Barrier, Integral		m	120		
L.16	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	300		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	25		
iii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	10		
L.17	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	1750		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L.18	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	4		
L.19	Wood Fence Removal	E17	m	25		
L.20	Tree Removal	E15				
i)	0 to 10 cm diameter		each	25		
ROADWORK - NEW CONSTRUCTION						
L.21	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15 E20				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	775		
ii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	55		
iii)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
L.22	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72-hour (Reinforced)		m ²	100		
L.23	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	155		
ii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	110		
iii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	85		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	20		
v)	Construction of Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	70		
L.24	Supply and Installation of Dowel Assemblies	CW 3310-R15	m	175		
L.25	100 mm Concrete Sidewalk	CW 3325-R5	m ²	550		
L.26	Interlocking Paving Stones	CW 3335-R1 E16				
i)	Median		m ²	90		
ii)	Sidewalk Band		m ²	50		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L.27	Lean Concrete Base	CW 3335-R1	m ²	90		
L.28	Construction of Asphalt Patches	CW 3410-R10	m ²	50		
L.29	Reflective Crack Maintenance	CW 3250-R7	m	500		
L.30	Installation of Subdrains	CW 3120-R4	m	100		
ADJUSTMENTS						
L.31	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
L.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
L.33	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
L.34	Replacing Existing Manhole or Catch Basin Rungs	CW 2130-R12	each	5		
L.35	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1		
ii)	64 mm		each	3		
L.36	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	2		
L.37	Adjustment of Valve Boxes	CW 3210-R7	each	5		
LANDSCAPING						
L.38	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	50		
ii)	width > or = 600 mm		m ²	250		
L	<u>ROADWORKS- St. Matthews Avenue- Empress Street to 160 m East of Empress Street</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M	<u>ROADWORKS- St. James Street- St. Matthews Avenue to 200 m North of Ellice Avenue</u>					
	EARTH AND BASE WORKS					
M.1	Excavation	CW 3110-R18 E19	m ³	9500		
M.2	Sub-Grade Compaction	CW 3110-R18	m ²	11100		
M.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	4100		
ii)	100 mm		tonne	10000		
M.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	1000		
M.5	Grading of Boulevards	CW 3110-R18	m ²	200		
M.6	Removal of Existing Concrete Bases	CW 3110-R18				
i)	600 mm Diameter or Less		each	6		
ii)	Greater than 600 mm Diameter		each	3		
M.7	Separation Geotextile Fabric	CW 3130-R4	m ²	11100		
M.8	Supply and Install Geogrid	CW 3135-R1	m ²	5500		
	ROADWORK - REMOVALS/ RENEWALS					
M.9	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	8400		
ii)	Temporary Asphalt Pavement		m ²	600		
M.10	Drilled Dowels	CW 3230-R8				
i)	28.6 mm Diameter		each	50		
M.11	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	120		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M.12	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	2100		
M.13	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
ii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	120		
M.14	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	8		
M.15	Tree Removal	E15				
i)	0 to 10 cm diameter		each	10		
ii)	11 to 30 cm diameter		each	6		
ROADWORK - NEW CONSTRUCTION						
M.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15 E20				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	8375		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	150		
iii)	Construction of Concrete Safety Medians	SD-226B	m ²	220		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
M.17	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 230 mm Concrete Pavement for Early Opening 72-hour (Plain-Dowelled)		m ²	1000		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 72-hour (Reinforced)		m ²	500		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	230		
ii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	675		
iii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	175		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	100		
v)	Construction of Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	50		
M.19	Supply and Installation of Dowel Assemblies	CW 3310-R15	m	1650		
M.20	100 mm Concrete Sidewalk	CW 3325-R5	m ²	2500		
M.21	Interlocking Paving Stones	CW 3335-R1 E16				
i)	Median		m ²	330		
ii)	Sidewalk Band		m ²	300		
M.22	Lean Concrete Base	CW 3335-R1	m ²	330		
M.23	Construction of Asphalt Patches	CW 3410-R10	m ²	450		
M.24	Installation of Subdrains	CW 3120-R4	m	1150		
ADJUSTMENTS						
M.25	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	10		
M.26	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	4.0		
M.27	Patching Existing Manholes	CW 2130-R12	vert. m	3.0		
M.28	Replacing Existing Manhole or Catch Basin Rungs	CW 2130-R12	each	20		
M.29	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	8		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	8		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M.30	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
ii)	64 mm		each	16		
M.31	Adjustment of Valve Boxes	CW 3210-R7	each	1		
M.32	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
LANDSCAPING						
M.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	100		
ii)	width > or = 600 mm		m ²	100		
M	<u>ROADWORKS- St. James Street- St. Matthews Avenue to 200 m North of Ellice Avenue</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
N	<u>ROADWORKS- St. Matthews Avenue- Century Street to St. James Street (including King Edward Street East)</u>					
	EARTH AND BASE WORKS					
N.1	Excavation	CW 3110-R18 E19	m ³	8000		
N.2	Sub-Grade Compaction	CW 3110-R18	m ²	9400		
N.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	3500		
ii)	100 mm		tonne	8500		
N.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	830		
N.5	Grading of Boulevards	CW 3110-R18	m ²	1500		
N.6	Removal of Existing Concrete Bases	CW 3110-R18				
i)	600 mm Diameter or Less		each	10		
ii)	Greater than 600 mm Diameter		each	1		
N.7	Separation Geotextile Fabric	CW 3130-R4	m ²	9400		
N.8	Supply and Install Geogrid	CW 3135-R1	m ²	4700		
	ROADWORK - REMOVALS/ RENEWALS					
N.9	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	3250		
ii)	Asphalt Pavement		m ²	2000		
iii)	Temporary Asphalt Pavement		m ²	200		
N.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	75		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
N.11	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	100		
ii)	20 M Deformed Tie Bar		each	225		
N.12	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Monolithic Median Slab		m ²	50		
ii)	100 mm Sidewalk		m ²	60		
N.13	Concrete Curb Removal	CW 3240-R10				
i)	Barrier, Separate, 300 mm ht.		m	40		
N.14	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	30		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
iii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	40		
N.15	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	50		
N.16	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	22		
N.17	Removal of Bollards	E18	each	22		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
N.18	Tree Removal	E15				
i)	0 to 10 cm diameter		each	10		
ii)	11 to 30 cm diameter		each	10		
iii)	Over 30 cm diameter		each	1		
ROADWORK - NEW CONSTRUCTION						
N.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15 E20				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	6500		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	250		
iii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	425		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
N.20	Concrete Pavements for Early Opening	CW 3310-R15				
i)	Construction of 230 mm Concrete Pavement for Early Opening 72-hour (Plain-Dowelled)		m ²	1000		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 72-hour (Reinforced)		m ²	750		
N.21	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	260		
ii)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	415		
iii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	200		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	85		
v)	Construction of Splash Strip (150 mm ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	55		
N.22	Supply and Installation of Dowel Assemblies	CW 3310-R15	m	1660		
N.23	100 mm Concrete Sidewalk	CW 3325-R5	m ²	1800		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
N.24	Interlocking Paving Stones	CW 3335-R1 E16				
i)	Median		m ²	150		
ii)	Sidewalk Band		m ²	225		
N.25	Lean Concrete Base	CW 3335-R1	m ²	150		
N.26	Construction of Asphalt Patches	CW 3410-R10	m ²	150		
N.27	Reflective Crack Maintenance	CW 3250-R7	m	110		
N.28	Installation of Subdrains	CW 3120-R4	m	665		
ADJUSTMENTS						
N.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
N.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
N.31	Lifter Rings	CW 3210-R7				
i)	64 mm		each	3		
N.32	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1		
N.33	Adjustment of Valve Boxes	CW 3210-R7	each	1		
N.34	Adjustment of Traffic Signal Service Box Frames	CW 3210-R7	each	2		
LANDSCAPING						
N.35	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	100		
ii)	width > or = 600 mm		m ²	1400		
N	<u>ROADWORKS- St. Matthews Avenue- Century Street to St. James Street (including King Edward Street East)</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
O	<u>LAND DRAINAGE SEWER- St. James Street- St. Matthews Avenue to 215 m North of Ellice Avenue</u>					
O.1	Land Drainage Sewers	CW 2130-R12 E27				
i)	375mm - SDR 35 PVC					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	75		
ii)	450mm C76 - CL IV					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	110		
iii)	525mm C76 - CL IV					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	90		
iv)	600mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	170		
v)	750mm C76 - CL III					
a)	trenchless installation, Class B Type 3 bedding, Class 3 backfill					
i)	3 - 4 m		m	50		
O.2	Manhole	CW 2130-R12 E43				
i)	SD-010					
a)	1200mm diameter base		vt.m	14		
b)	1500mm diameter base		vt.m	15		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
O.3	Catch Basin	CW 2130-R12 E43				
i)	SD-024, 1800 mm deep		each	11		
ii)	SD-025, 1800 mm deep		each	2		
iii)	SD-025, 1200 mm deep		each	1		
O.4	Catch Pit	CW 2130-R12				
i)	SD-023		each	6		
ii)	SD-023 c/w Frame (AP-004) and Cover (AP-006)		each	1		
O.5	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Bedding with Sand, Class 3 Backfill		m	110		
ii)	300 mm, PVC					
a)	Trenchless Installation, Class B Bedding with Sand, Class 3 Backfill		m	70		
O.6	Drainage Connection Pipe	CW 2130-R12	m	15		
O.7	Sewer Service Riser (SD-015)	CW 2130-R12				
i)	250 mm		vt.m	7		
ii)	300 mm		vt.m	5		
O.8	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2		
O.9	Removal of Existing Manholes	CW 2130-R12	each	3		
O.10	Removal of Existing Catch Basins	CW 2130-R12	each	19		
O.11	Removal of Existing Catch Pit	CW 2130-R12	each	3		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
O.12	Plugging and Abandoning Existing Sewers and Sewer Services	CW 2130-R12				
i)	Abandoning Existing Sewers With Cement Stabilized Flowable Fill		m ³	43		
ii)	Abandoning Existing Sewers Under Pavement					
a)	250 mm		each	18		
O.13	Catchbasin Insulation	E23	each	2		
O.14	Concrete Pipe Three-Edge Bearing Test	CW 2130-R12				
i)	600 mm C76 - CL III		each	1		
O.15	Sewer Inspection	CW 2145-R3				
i)	375 mm		l.m.	75		
ii)	450 mm		l.m.	110		
iii)	525 mm		l.m.	90		
iv)	600 mm		l.m.	170		
v)	750 mm		l.m.	50		
O	<u>LAND DRAINAGE SEWER- St. James Street- St. Matthews Avenue to 215 m North of Ellice Avenue</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
P	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- Empress Street to 60 m East of Empress Street</u>					
P.1	Land Drainage Sewers	CW 2130-R12 E27				
	i) 450mm C76 - CL IV					
	a) trenchless installation, Class B Type 3 bedding, Class 3 backfill					
	a) 3 - 4 m		m	105		
P.2	Manhole	CW 2130-R12 E43				
	i) SD-010					
	a) 1200mm diameter base		vt.m	7		
	b) 1500mm diameter base		vt.m	3		
P.3	Catch Basin	CW 2130-R12 E43				
	i) SD-024, 1800 mm deep		each	3		
	ii) SD-025, 1800 mm deep		each	1		
P.4	Catch Pit	CW 2130-R12 E43				
	i) SD-023		each	2		
P.5	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) Trenchless Installation, Class B Bedding, Class 3 Backfill		m	15		
	ii) 300 mm, PVC					
	a) Trenchless Installation, Class B Bedding, Class 3 Backfill		m	20		
P.6	Drainage Connection Pipe	CW 2130-R12	m	10		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
P.7	Concrete Pipe Three-Edge Bearing Test	CW 2130-R12				
i)	450 mm C76 - CL IV		each	1		
P.8	Sewer Inspection	CW 2145-R3				
i)	450 mm		l.m.	105		
P	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- Empress Street to 60 m East of Empress Street</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Q	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- Century Street to St. James Street</u>					
Q.1	Land Drainage Sewers	CW 2130-R12 E27				
	i) 375mm - SDR 35 PVC					
	a) trenchless installation, Class B Type 3 bedding, Class 3 backfill					
	i) 3 - 4 m		m	25		
	ii) 525mm C76 - CL IV					
	a) trenchless installation, Class B Type 3 bedding, Class 3 backfill					
	i) 3 - 4 m		m	55		
Q.2	Manhole	CW 2130-R12 E43				
	i) SD-010					
	a) 1200mm diameter base		vt.m	8		
Q.3	Catch Basin	CW 2130-R12 E43				
	i) SD-024, 1800 mm deep		each	6		
Q.4	Catch Pit	CW 2130-R12				
	i) SD-023		each	4		
Q.5	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) Trenchless Installation, Class B Bedding, Class 3 Backfill		m	50		
	ii) 300 mm, PVC					
	a) Trenchless Installation, Class B Bedding, Class 3 Backfill		m	50		
Q.6	Drainage Connection Pipe	CW 2130-R12	m	10		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Q.7	Sewer Service Riser (SD-015)	CW 2130-R12				
i)	250 mm		vt.m	5		
ii)	300 mm		vt.m	5		
Q.8	Removal of Existing Catch Basins	CW 2130-R12	each	3		
Q.9	Removal of Existing Catch Pit	CW 2130-R12	each	1		
Q.10	Plugging and Abandoning Existing Sewers and Sewer Services	CW 2130-R12				
i)	Abandoning Existing Sewers Under Pavement					
a)	250 mm		each	4		
Q.11	Catchbasin Insulation	E23	each	3		
Q.12	Sewer Inspection	CW 2145-R3				
i)	375 mm		l.m.	25		
ii)	525 mm		l.m.	55		
Q	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- Century Street to St. James Street</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
R	<u>WATERMAIN- St. James Street- North side of St. Matthews Avenue to North side of Ellice Avenue</u>					
R.1	Watermain Renewals	CW 2110-R11				
i)	150mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	35		
ii)	200mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	330		
R.2	Hydrant Assembly	CW 2110-R11				
i)	SD-007		each	4		
R.3	Watermain Valve	CW 2110-R11				
i)	150mm		each	2		
ii)	200mm		each	2		
R.4	Connecting to Existing Watermain and Large Diameter Water Services	CW 2110-R11				
i)	Inline connection –no plug existing					
a)	150mm		each	2		
b)	200mm		each	2		
R.5	Fittings	CW 2110-R11				
i)	Tee					
a)	200mm x 200mm x 150mm		each	3		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
R.6	Water Service	CW 2110-R11				
i)	38mm Copper					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	5		
R.7	Connecting Existing Copper Water Services to New Watermain	CW 2110-R11				
i)	38mm		each	1		
R.8	Corporation Stops	CW 2110-R11				
i)	38mm Saddle		each	1		
R.9	10.9 Kilogram Zinc Anodes	CW 2110-R11				
i)	On water services		each	1		
R.10	Board Insultion	E23	m ²	10		
R	<u>WATERMAIN- St. James Street- North side of St. Matthews Avenue to North side of Ellice Avenue</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
S	<u>WATERMAIN- St. James Street- North side of Ellice Avenue to 175 m North of Ellice Avenue</u>					
S.1	Watermain Renewals	CW 2110-R11				
i)	150mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	35		
ii)	200mm					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	220		
S.2	Hydrant Assembly	CW 2110-R11				
i)	SD-006		each	1		
ii)	SD-007		each	1		
S.3	Watermain Valve	CW 2110-R11				
i)	150mm		each	2		
ii)	200mm		each	3		
S.4	Connecting to Existing Watermain and Large Diameter Water Services	CW 2110-R11				
i)	Inline connection –no plug existing					
a)	150mm		each	2		
b)	200mm		each	1		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
S.5	Fittings	CW 2110-R11				
i)	Bends (SD-004)					
a)	200mm - 45° Bend		each	4		
ii)	Tees					
a)	200mm x 200mm x150mm		each	2		
iii)	Reducers					
a)	250mm x 200mm		each	1		
S.6	Water Service	CW 2110-R11				
i)	50mm Copper					
a)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	5		
S.7	Connecting Existing Copper Water Services to New Watermain	CW 2110-R11				
i)	25mm		each	1		
ii)	38mm		each	1		
iii)	50mm		each	1		
S.8	Corporation Stops	CW 2110-R11				
i)	25mm		each	1		
ii)	38mm Saddle		each	1		
iii)	50mm Saddle		each	1		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
S.9	10.9 Kilogram Zinc Anodes	CW 2110-R11				
i)	On water services		each	5		
S.10	Board Insulation	E23	m ²	10		
S	<u>WATERMAIN- St. James Street- North side of Ellice Avenue to 175 m North of Ellice Avenue</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
T	<u>WATERMAIN- St. Matthews Avenue- Madison Street to St. James Street</u>					
T.1	Watermain Renewals	CW 2110-R11				
	i) 250mm					
	a) Trenchless installation, Class B sand bedding, Class 3 backfill		m	170		
T.2	Hydrant Assembly	CW 2110-R11				
	i) SD-006		each	2		
T.3	Relocate Existing Hydrant - Type A	CW 2110-R11	each	1		
T.4	Watermain Valve	CW 2110-R11				
	i) 250mm		each	1		
T.5	Fittings	CW 2110-R11				
	i) 250 mm Plug		each	1		
T.6	Connecting to Existing Watermain and Large Diameter Water Services Inline connection –plug existing	CW 2110-R11				
	i) 250mm		each	2		
T.7	Board Insulation	E23	m ²	15		
T	<u>WATERMAIN- St. Matthews Avenue- Madison Street to St. James Street</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
U	<u>UNDERGROUND- Provisional Items</u>					
U.1	Cement Stabilized Backfill Material	E31	m ³	25		
U.2	150mm Sacrificial Concrete Pavement	E31	m ²	25		
U.3	Construction of Asphalt Patches	E31				
i)	Temporary		m ²	20		
ii)	Permanent		m ²	100		
U.4	Concrete Pavement Repairs	E31				
i)	200 mm Reinforced		m ²	100		
U.5	Concrete Sidewalk	E31	m ²	15		
U.6	Concrete Barrier Curb (Dowelled)	E31	m	15		
U.7	Water Service Replacement	CW 2110-R11				
i)	19mm					
a)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B sand bedding, Class 5 backfill		m	20		
ii)	25mm					
a)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B sand bedding, Class 5 backfill		m	20		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	38mm					
a)	trenchless installation, Class B					
	sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B					
	sand bedding, Class 5 backfill		m	20		
iv)	50mm					
a)	trenchless installation, Class B					
	sand bedding, Class 3 backfill		m	20		
b)	trenchless installation, Class B					
	sand bedding, Class 5 backfill		m	20		
U.8	Connecting Existing Copper Water Services to New Watermain	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm		each	1		
iv)	50mm		each	1		
U.9	Corporation Stops	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm Saddle		each	1		
iv)	50mm Saddle		each	1		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
U.10	Curb Stops	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm		each	1		
iv)	50mm		each	1		
U.11	Curb Stop Boxes	CW 2110-R11				
i)	19mm		each	1		
ii)	25mm		each	1		
iii)	38mm		each	1		
iv)	50mm		each	1		
U.12	10.9 Kilogram Zinc Anodes	CW 2110-R11				
i)	On water service		each	1		
ii)	On Metallic Watermains		each	1		
U.13	Maintaining Curb Stop Excavations	CW 2110-R11	day	10		
U.14	Regrading of Existing Sewer Service – Up to 1.5 meters Long	CW 2110-R11				
i)	150mm		each	1		
U.15	Regrading of Existing Sewer Service – Longer Than 1.5 meters	CW 2110-R11				
i)	150mm		m	20		
U.16	Exploration of Existing Services	E26	each	30		
U.17	Trenchless Excavation Obstruction	E28	Allowance		XXXXX	\$25,000.00
U	<u>UNDERGROUND- Provisional Items</u>				Subtotal:	\$25,000.00

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1- POLO PARK INFRASTRUCTURE IMPROVEMENTS						
A	<u>ROADWORKS- St. Matthews Avenue- St. James Street to Empress Street</u>				Subtotal:	
B	<u>ROADWORKS- St. James Street- Maroons Road to St. Matthews Avenue</u>				Subtotal:	
C	<u>ROADWORKS- Ellice Avenue- Century Street to Milt Stegall Drive</u>				Subtotal:	
D	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- St. James Street to Omand's Creek</u>				Subtotal:	
E	<u>LAND DRAINAGE SEWER- St. James Street- Maroons Road to St. Matthews Avenue</u>				Subtotal:	
F	<u>LAND DRAINAGE SEWER- Ellice Avenue- Century Street to Omand's Creek</u>				Subtotal:	
G	<u>WATERMAIN- St. Matthews Avenue- St. James Street to Empress Street</u>				Subtotal:	
H	<u>WATERMAIN- St. James Street- Maroons Road to North Side of St. Matthews Avenue</u>				Subtotal:	
I	<u>WATERMAIN- Ellice Avenue- Century Street to St. James Street</u>				Subtotal:	
J	<u>WATERMAIN- Ellice Avenue- St. James Street to Milt Stegall Drive</u>				Subtotal:	
K	<u>UNDERGROUND- Provisional Items</u>				Subtotal:	\$25,000.00
(total price) PART 1						\$25,000.00

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 PENDING PROPERTY ACQUISITION (See B9.5, B16.2.1, B17.4, D2, D14.4)						
L	<u>ROADWORKS- St. Matthews Avenue- Empress Street to 160 m East of Empress Street</u>				Subtotal:	
M	<u>ROADWORKS- St. James Street- St. Matthews Avenue to 200 m North of Ellice Avenue</u>				Subtotal:	
N	<u>ROADWORKS- St. Matthews Avenue- Century Street to St. James Street (including King Edward Street East)</u>				Subtotal:	
O	<u>LAND DRAINAGE SEWER- St. James Street- St. Matthews Avenue to 215 m North of Ellice Avenue</u>				Subtotal:	
P	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- Empress Street to 60 m East of Empress Street</u>				Subtotal:	
Q	<u>LAND DRAINAGE SEWER- St. Matthews Avenue- Century Street to St. James Street</u>				Subtotal:	
R	<u>WATERMAIN- St. James Street- North side of St. Matthews Avenue to North side of Ellice Avenue</u>				Subtotal:	
S	<u>WATERMAIN- St. James Street- North side of Ellice Avenue to 175 m North of Ellice Avenue</u>				Subtotal:	
T	<u>WATERMAIN- St. Matthews Avenue- Madison Street to St. James Street</u>				Subtotal:	
U	<u>UNDERGROUND- Provisional Items</u>				Subtotal:	\$25,000.00
(total price) PART 2						\$25,000.00
TOTAL BID PRICE (GST extra)			(in figures)		\$50,000.00	

 Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)

(See B12)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

_____ (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 210-2014

Polo Park Infrastructure Improvements – St. Matthews Avenue, St. James Street, King Edward Street East and Ellice Avenue Reconstructions, Watermain Renewals and Associated Works

as more fully set out in the Bid Opportunity.

NOW THEREFORE the condition of this obligation is such that if the Bid of the Principal is not accepted, or if said Bid is accepted and the Principal, in accordance with the terms of the Bid, enters into a Contract with the said Obligee and furnishes the required performance security for guaranteeing the faithful performance of the Contract, this obligation shall be void, but otherwise shall remain in full force and effect.

IN WITNESS WHEREOF the Principal and Surety have signed and sealed this bond the

_____ day of _____, 20_____ .

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

By: _____ (Seal)

(Attorney-in-Fact)

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)

(See B12)

AGREEMENT TO BOND

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with **THE CITY OF WINNIPEG** to become bound as Surety for the Principal,

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 210-2014

Polo Park Infrastructure Improvements – St. Matthews Avenue, St. James Street, King Edward Street East and Ellice Avenue Reconstructions, Watermain Renewals and Associated Works

in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond shall be in the form specified in the Bid Opportunity.

It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within one hundred (100) Calendar Days following the Submission Deadline.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding.

SIGNED AND SEALED this _____ day of _____, 20_____ .

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 1 of 2)
(See B12)

(Date)

The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1

RE: BID SECURITY – BID OPPORTUNITY NO. 210-2014

Polo Park Infrastructure Improvements – St. Matthews Avenue, St. James Street, King Edward Street East and Ellice Avenue Reconstructions, Watermain Renewals and Associated Works

Pursuant to the request of and for the account of our customer,

(Name of Bidder)

(Address of Bidder)

WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding in the aggregate

_____ Canadian dollars.

This Standby Letter of Credit may be drawn on by you at any time and from time to time upon written demand for payment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand for payment without inquiring whether you have a right as between yourself and our customer to make such demand and without recognizing any claim of our customer or objection by the customer to payment by us.

The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be made.

Partial drawings are permitted.

We engage with you that all demands for payment made within the terms and currency of this Standby Letter of Credit will be duly honoured if presented to us at:

(Address)

and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 2 of 2)
(See B12)

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on August 3, 2014.

if our customer's Bid is not accepted, and if accepted, when our customer has entered into a Contract with you and has furnished the required performance security for guaranteeing the faithful performance of the Contract.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

WE HEREBY UNDERTAKE and agree to provide in your favour an irrevocable Standby Letter of Credit in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our customer's Bid is accepted by you. Such Standby Letter of Credit shall be maintained and continue in full force and effect until the expiration of the warranty period. The Standby Letter of Credit shall be in the form specified in the Bid Opportunity.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (2007 Revision), International Chamber of Commerce Publication Number 600.

(Name of bank or financial institution)

Per: _____
(Authorized Signing Officer)

Per: _____
(Authorized Signing Officer)