

FORM A: BID
(See B8)

1. Contract Title 2015 LOCAL STREETS PACKAGE – RAVENHILL ROAD, BIENVENUE STREET AND VARIOUS OTHER LOCATIONS

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 sixty (60) 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 (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>EDISON AVENUE - HENDERSON HIGHWAY TO ROCH STREET - REHABILITATION</u>					
	EARTH AND BASE WORKS					
A.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	20		
A.2	Grading of Boulevards	CW 3110-R19	m ²	1000		
	ROADWORKS - RENEWALS					
A.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m ²	90		
A.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	5		
ii)	200 mm Concrete Pavement (Type B)		m ²	150		
iii)	200 mm Concrete Pavement (Type C)		m ²	10		
iv)	200 mm Concrete Pavement (Type D)		m ²	40		
A.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	360		
A.6	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	36		
ii)	20 M Deformed Tie Bar		each	400		
A.7	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	400		
A.8	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	420		
ii)	150 mm Reinforced Sidewalk		m ²	90		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	55		
b)	5 sq.m. to 20 sq.m.		m ²	90		
c)	Greater than 20 sq.m.		m ²	220		
ii)	150 mm Reinforced Sidewalk					
a)	Less than 5 sq.m.		m ²	10		
b)	5 sq.m. to 20 sq.m.		m ²	40		
A.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
A.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
A.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	380		
c)	Greater than 30 m		m	200		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	300		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	40		
A.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	10		
A.14	Interlocking Paving Stones	CW 3330-R5	m ²	2		
A.15	Construction of Asphalt Patches	CW 3410-R10	m ²	15		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.16	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	880		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	110		
A.17	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	5000		
ii)	50 - 100 mm Depth (Asphalt)		m ²	50		
iii)	0 - 50 mm Depth (Concrete)		m ²	20		
A.18	Detectable Warning Surface Tiles	CW 3326-R2	each	8		
	JOINT AND CRACK SEALING					
A.19	Reflective Crack Maintenance	CW 3250-R7	m	1200		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.20	Catch Pit	CW 2130-R12				
i)	SD-023		each	6		
A.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	1		
A.22	Drainage Connection Pipe	CW 2130-R12	m	15		
A.23	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	2.0		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.24	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		
A.25	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	7		
A.26	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
A.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	6		
A.28	Removal of Existing Pipes	E9	m	15		
A.29	Backfill Material	CW 2130-R12				
i)	Sand		m ³	5		
ADJUSTMENTS						
A.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	11		
A.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
A.32	Lifter Rings	CW 3210-R7				
i)	38 mm		each	1		
ii)	51 mm		each	5		
iii)	64 mm		each	1		
A.33	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
A.34	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	6		
A.35	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	5		
A.36	Adjustment of Valve Boxes	CW 3210-R7	each	5		
A.37	Valve Box Extensions	CW 3210-R7	each	2		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.38	Adjustment of Curb Stop Boxes	CW 3210-R7	each	20		
A.39	Curb Stop Extensions	CW 3210-R7	each	5		
SEWER REPAIRS						
A.40	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		each	3		
ii)	375 mm					
a)	Class 3 Backfill		each	2		
A.41	Sewer Inspection	CW 2145-R3				
i)	250 mm		m	10		
ii)	300 mm		m	100		
iii)	375 mm		m	100		
LANDSCAPING						
A.42	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	150		
ii)	width > or = 600 mm		m ²	850		
A	<u>EDISON AVENUE - HENDERSON HIGHWAY TO ROCH STREET - REHABILITATION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>MCLEOD AVENUE - MELNESS BAY TO HENDERSON HIGHWAY - REHABILITATION</u>					
	EARTH AND BASE WORKS					
B.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	20		
B.2	Grading of Boulevards	CW 3110-R19	m ²	1325		
	ROADWORKS - RENEWALS					
B.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m ²	715		
B.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	15		
ii)	200 mm Concrete Pavement (Type B)		m ²	40		
iii)	200 mm Concrete Pavement (Type C)		m ²	20		
iv)	200 mm Concrete Pavement (Type D)		m ²	10		
B.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	1060		
B.6	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	75		
ii)	20 M Deformed Tie Bar		each	1050		
B.7	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	60		
B.8	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	150 mm Reinforced Sidewalk		m ²	55		

FORM B (R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	80		
b)	5 sq.m. to 20 sq.m.		m ²	370		
c)	Greater than 20 sq.m.		m ²	110		
B.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
B.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
B.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	550		
c)	Greater than 30 m		m	400		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	600		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	80		
B.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	10		
B.14	Interlocking Paving Stones	CW 3330-R5	m ²	2		
B.15	Construction of Asphalt Patches	CW 3410-R10	m ²	10		
B.16	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	1800		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	170		

FORM B (R1): 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	8800		
ii)	50 - 100 mm Depth (Asphalt)		m ²	50		
iii)	0 - 50 mm Depth (Concrete)		m ²	20		
B.18	Detectable Warning Surface Tiles	CW 3326-R2	each	22		
	JOINT AND CRACK SEALING					
B.19	Reflective Crack Maintenance	CW 3250-R7	m	1750		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	20		
b)	Trenchless Installation		m	40		
B.21	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	20.0		
B.22	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	9		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	9		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	18		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	18		
B.23	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	11		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 1050 mm Combined Sewer		each	6		
b)	Connecting to 1200 mm Combined Sewer		each	4		
B.25	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
B.26	Removal of Existing Pipes	E12	m	50		
B.27	Sewer Inspection	CW 2145-R3				
i)	250 mm		m	10		
	ADJUSTMENTS					
B.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	27		
B.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
B.30	Lifter Rings	CW 3210-R7				
i)	38 mm		each	5		
ii)	51 mm		each	25		
iii)	64 mm		each	3		
B.31	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
B.32	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	10		
B.33	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	5		
B.34	Adjustment of Valve Boxes	CW 3210-R7	each	5		
B.35	Valve Box Extensions	CW 3210-R7	each	2		
B.36	Adjustment of Curb Stop Boxes	CW 3210-R7	each	15		
B.37	Curb Stop Extensions	CW 3210-R7	each	5		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.38	LANDSCAPING Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	225		
ii)	width > or = 600 mm		m ²	1100		
B	<u>MCLEOD AVENUE - MELNESS BAY TO HENDERSON HIGHWAY - REHABILITATION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>CHELSEA AVENUE - ROCH STREET TO #412 CHELSEA AVENUE - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	400		
C.2	Sub-Grade Compaction	CW 3110-R19	m ²	810		
C.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	600		
C.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	80		
C.5	Grading of Boulevards	CW 3110-R19	m ²	450		
C.6	Separation Geotextile Fabric	CW 3130-R4	m ²	810		
	ROADWORKS - RENEWALS					
C.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	690		
ii)	Asphalt Pavement		m ²	30		
C.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	20		
C.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	30		
ii)	20 M Deformed Tie Bar		each	25		
C.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	30		
b)	5 sq.m. to 20 sq.m.		m ²	40		
C.11	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5		
C.12	Interlocking Paving Stones	CW 3330-R5	m ²	2		
C.13	Construction of Asphalt Patches	CW 3410-R10	m ²	30		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
C.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R16				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	700		
C.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	110		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	15		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	35		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	35		
C.16	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
JOINT AND CRACK SEALING						
C.17	Reflective Crack Maintenance	CW 3250-R7	m	50		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
C.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	4		
b)	Trenchless Installation		m	9		
C.20	Sewer Service Risers	CW 2130-R12				
i)	250mm					
a)	SD-015		vert m	6.5		

FORM B (R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.21	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		
C.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 2250 mm Land Drainage Sewer		each	2		
C.23	Removal of Existing Catch Basins	CW 2130-R12	each	2		
C.24	Abandoning Existing Sewer Service Under Pavement	CW 2130-R12				
i)	Existing Catchbasin Leads (250 mm or smaller)		each	2		
C.25	Installation of Subdrains	CW 3120-R4	m	24		
C.26	Backfill Material	CW 2130-R12				
i)	Sand		m ³	5		
ADJUSTMENTS						
C.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
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 or Catchbasin Rungs	CW 2130-R12	each	2		
C.31	Adjustment of Valve Boxes	CW 3210-R7	each	1		
C.32	Valve Box Extensions	CW 3210-R7	each	1		
C.33	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
C.34	Curb Stop Extensions	CW 3210-R7	each	2		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.35	SEWER REPAIRS Sewer Inspection	CW 2145-R3				
i)	300 mm		m	120		
C.36	LANDSCAPING Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	10		
ii)	width > or = 600 mm		m ²	440		
C	<u>CHELSEA AVENUE - ROCH STREET TO #412 CHELSEA AVENUE - CONCRETE RECONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>CHELSEA AVENUE - #448 CHELSEA AVENUE TO WATT STREET - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m ³	950		
D.2	Sub-Grade Compaction	CW 3110-R19	m ²	1800		
D.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1300		
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	150		
D.5	Grading of Boulevards	CW 3110-R19	m ²	1300		
D.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1800		
	ROADWORKS - RENEWALS					
D.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1500		
D.8	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type D)		m ²	15		
D.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	30		
D.10	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	50		
ii)	20 M Deformed Tie Bar		each	25		
D.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	50		
b)	5 sq.m. to 20 sq.m.		m ²	25		
D.12	Concrete Curb Renewal	CW 3240-R10				
i)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
D.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
D.15	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5		
D.16	Interlocking Paving Stones	CW 3330-R5	m ²	1		
D.17	Construction of Asphalt Patches	CW 3410-R10	m ²	25		
D.18	Detectable Warning Surface Tiles	CW 3326-R2	each	8		
ROADWORKS - NEW CONSTRUCTION						
D.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R16				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	1500		
D.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	320		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	25		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	20		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	40		
JOINT AND CRACK SEALING						
D.21	Reflective Crack Maintenance	CW 3250-R7	m	50		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
D.22	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.23	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	8		
b)	Trenchless Installation		m	20		
D.24	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	12.5		
D.25	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		
D.26	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 2250 mm Land Drainage Sewer		each	4		
D.27	Removal of Existing Catch Basins	CW 2130-R12	each	4		
D.28	Abandoning Existing Sewer Service Under Pavement	CW 2130-R12				
i)	Existing Catchbasin Leads (250 mm or smaller)		each	4		
D.29	Installation of Subdrains	CW 3120-R4	m	48		
D.30	Backfill Material	CW 2130-R12				
i)	Sand		m ³	5		
	ADJUSTMENTS					
D.31	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
D.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
D.33	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
D.34	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	2		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.35	Adjustment of Valve Boxes	CW 3210-R7	each	1		
D.36	Valve Box Extensions	CW 3210-R7	each	1		
D.37	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
D.38	Curb Stop Extensions	CW 3210-R7	each	2		
LANDSCAPING						
D.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	15		
ii)	width > or = 600 mm		m ²	1285		
D	<u>CHELSEA AVENUE - #448 CHELSEA AVENUE TO WATT STREET - CONCRETE RECONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>NEIL AVENUE - WATT STREET TO ROCH STREET - ASPHALT RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	2000		
E.2	Sub-Grade Compaction	CW 3110-R19	m ²	3050		
E.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1250		
ii)	100 mm		tonne	1950		
E.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	300		
E.5	Grading of Boulevards	CW 3110-R19	m ²	2700		
E.6	Separation Geotextile Fabric	CW 3130-R4	m ²	3050		
	ROADWORKS - RENEWALS					
E.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2710		
E.8	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	60		
E.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	100		
b)	5 sq.m. to 20 sq.m.		m ²	60		
c)	Greater than 20 sq.m.		m ²	50		
E.10	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	15		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	15		
E.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
E.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	2		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5		
E.14	Interlocking Paving Stones	CW 3330-R5	m ²	5		
E.15	Construction of Asphalt Patches	CW 3410-R10	m ²	40		
E.16	Detectable Warning Surface Tiles	CW 3326-R2	each	8		
ROADWORKS - NEW CONSTRUCTION						
E.17	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R16				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	250		
E.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	580		
ii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	60		
iii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	15		
iv)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	60		
E.19	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	540		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
JOINT AND CRACK SEALING						
E.20	Reflective Crack Maintenance	CW 3250-R7	m	750		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.21	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
E.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	12		
b)	Trenchless Installation		m	15		
E.23	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	4.0		
E.24	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		
E.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 300 mm Combined Sewer		each	4		
b)	Connecting to 375 mm Combined Sewer		each	2		
E.26	Removal of Existing Catch Basins	CW 2130-R12	each	6		
E.27	Abandoning Existing Sewer Service Under Pavement	CW 2130-R12				
i)	Existing Catchbasin Leads (250 mm or smaller)		each	6		
E.28	Installation of Subdrains	CW 3120-R4	m	72		
E.29	Backfill Material	CW 2130-R12				
i)	Sand		m ³	5		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
E.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
E.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
E.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	4		
E.33	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
E.34	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	2		
E.35	Adjustment of Valve Boxes	CW 3210-R7	each	5		
E.36	Valve Box Extensions	CW 3210-R7	each	1		
E.37	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
E.38	Curb Stop Extensions	CW 3210-R7	each	2		
SEWER REPAIRS						
E.39	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		each	4		
i)	375 mm					
b)	Class 3 Backfill		each	1		
E.40	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		m	17.2		
ii)	375 mm					
a)	Class 3 Backfill		m	12.1		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.41	Sewer Inspection	CW 2145-R3				
i)	300 mm		m	180		
ii)	375 mm		m	86		
	LANDSCAPING					
E.42	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	50		
ii)	width > or = 600 mm		m ²	2650		
E	<u>NEIL AVENUE - WATT STREET TO ROCH STREET - ASPHALT RECONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>REAY CRESCENT - LONDON STREET TO ANTRIM ROAD - ASPHALT RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m ³	2400		
F.2	Sub-Grade Compaction	CW 3110-R19	m ²	3600		
F.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1800		
ii)	100 mm		tonne	2100		
F.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	350		
F.5	Grading of Boulevards	CW 3110-R19	m ²	1500		
F.6	Separation Geotextile Fabric	CW 3130-R4	m ²	3600		
F.7	Supply and Install Geogrid	CW 3135-R1	m ²	550		
	ROADWORKS - RENEWALS					
F.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	3200		
F.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	105		
F.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	10		
b)	5 sq.m. to 20 sq.m.		m ²	160		
c)	Greater than 20 sq.m.		m ²	250		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.11	Concrete Curb Renewal	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	5		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	5		
F.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	15		
F.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
F.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	25		
F.15	Interlocking Paving Stones	CW 3330-R5	m ²	5		
F.16	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	65		
F.17	Construction of Asphalt Patches	CW 3410-R10	m ²	30		
F.18	Detectable Warning Surface Tiles	CW 3326-R2	each	2		
ROADWORKS - NEW CONSTRUCTION						
F.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R16				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	200		
ii)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	620		
F.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	350		
ii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	70		
iii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	200		
iv)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	115		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.21	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	530		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	30		
	JOINT AND CRACK SEALING					
F.22	Reflective Crack Maintenance	CW 3250-R7	m	680		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.23	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
F.24	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
F.25	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	8		
b)	Trenchless Installation		m	10		
ii)	300 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	4		
b)	Trenchless Installation		m	4		
F.26	Drainage Connection Pipe	CW 2130-R12	m	5		
F.27	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	6		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.28	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		
F.29	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 900 mm Combined Sewer		each	4		
ii)	300 mm PVC Connecting Pipe					
a)	Connecting to 600 mm Combined Sewer		each	2		
F.30	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
F.31	Removal of Existing Catch Basins	CW 2130-R12	each	4		
F.32	Abandoning Existing Sewer Service Under Pavement	CW 2130-R12				
i)	Existing Catchbasin Leads (250 mm or smaller)		each	4		
F.33	Installation of Subdrains	CW 3120-R4	m	48		
F.34	Backfill Material	CW 2130-R12				
i)	Sand		m ³	5		
ADJUSTMENTS						
F.35	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
F.36	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
F.37	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
F.38	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
F.39	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	2		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.40	Adjustment of Valve Boxes	CW 3210-R7	each	6		
F.41	Valve Box Extensions	CW 3210-R7	each	1		
F.42	Adjustment of Curb Stop Boxes	CW 3210-R7	each	15		
F.43	Curb Stop Extensions	CW 3210-R7	each	5		
LANDSCAPING						
F.44	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	80		
ii)	width > or = 600 mm		m ²	1420		
F	<u>REAY CRESCENT - LONDON STREET TO ANTRIM ROAD - ASPHALT RECONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	<u>RAVENHILL ROAD - TU-PELO AVENUE TO ANTRIM ROAD - ASPHALT RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
G.1	Excavation	CW 3110-R19	m ³	5100		
G.2	Sub-Grade Compaction	CW 3110-R19	m ²	7500		
G.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3550		
ii)	100 mm		tonne	4600		
G.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	720		
G.5	Grading of Boulevards	CW 3110-R19	m ²	6000		
G.6	Separation Geotextile Fabric	CW 3130-R4	m ²	7500		
G.7	Supply and Install Geogrid	CW 3135-R1	m ²	1200		
	ROADWORKS - RENEWALS					
G.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	6720		
G.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	24		
G.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5		
b)	5 sq.m. to 20 sq.m.		m ²	60		
G.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	100		
G.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	20		
G.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	40		
G.14	Interlocking Paving Stones	CW 3330-R5	m ²	15		
G.15	Construction of Asphalt Patches	CW 3410-R10	m ²	50		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
G.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R16				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	1500		
G.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	900		
ii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	160		
iii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	325		
iv)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	30		
G.18	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	1160		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	15		
JOINT AND CRACK SEALING						
G.19	Reflective Crack Maintenance	CW 3250-R7	m	1420		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
G.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	10		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	20		
b)	Trenchless Installation		m	50		
G.22	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	6		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	6		
G.23	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 375 mm Land Drainage Sewer		each	1		
b)	Connecting to 600 mm Land Drainage Sewer		each	6		
G.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	3		
G.25	Removal of Existing Catch Basins	CW 2130-R12	each	8		
G.26	Abandoning Existing Sewer Service Under Pavement	CW 2130-R12				
i)	Existing Catchbasin Leads (250 mm or smaller)		each	4		
G.27	Removal of Existing Pipes	E9	m	6		
G.28	Installation of Subdrains	CW 3120-R4	m	120		
G.29	Backfill Material	CW 2130-R12				
i)	Sand		m ³	5		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
G.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	15		
G.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
G.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	6		
G.33	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
G.34	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	2		
G.35	Adjustment of Valve Boxes	CW 3210-R7	each	8		
G.36	Valve Box Extensions	CW 3210-R7	each	2		
G.37	Adjustment of Curb Stop Boxes	CW 3210-R7	each	10		
G.38	Curb Stop Extensions	CW 3210-R7	each	5		
LANDSCAPING						
G.39	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	6000		
G	<u>RAVENHILL ROAD - TU-PELO AVENUE TO ANTRIM ROAD - ASPHALT RECONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H	<u>BIENVENUE STREET - RAVELSTON AVENUE WEST TO REGENT AVENUE WEST - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
H.1	Excavation	CW 3110-R19	m ³	4800		
H.2	Sub-Grade Compaction	CW 3110-R19	m ²	5500		
H.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2000		
ii)	150 mm		tonne	6000		
H.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	500		
H.5	Grading of Boulevards	CW 3110-R19	m ²	5400		
H.6	Separation Geotextile Fabric	CW 3130-R4	m ²	5500		
H.7	Supply and Install Geogrid	CW 3135-R1	m ²	1100		
	ROADWORKS - RENEWALS					
H.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	4850		
H.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
H.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	10		
H.11	Construction of Asphalt Patches	CW 3410-R10	m ²	100		
	ROADWORKS - NEW CONSTRUCTION					
H.12	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R16				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	3200		
H.13	Concrete Pavements for Early Opening	CW 3310-R16				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 hour		m ²	1650		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R16				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	810		
ii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	60		
	JOINT AND CRACK SEALING					
H.15	Reflective Crack Maintenance	CW 3250-R7	m	100		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
H.16	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
ii)	SD-025, 1800 mm deep		each	1		
H.17	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	15		
b)	Trenchless Installation		m	50		
H.18	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert m	13.0		
H.19	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		
H.20	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 1050 mm Land Drainage Sewer		each	7		
H.21	Removal of Existing Catch Basins	CW 2130-R12	each	6		
H.22	Removal of Existing Catch Pit	CW 2130-R12	each	6		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.23	Abandoning Existing Sewer Service Under Pavement	CW 2130-R12				
i)	Existing Catchbasin Leads (250 mm or smaller)		each	6		
H.24	Removal of Existing Pipes	E9	m	10		
H.25	Installation of Subdrains	CW 3120-R4	m	84		
H.26	Backfill Material	CW 2130-R12				
i)	Sand		m ³	5		
ADJUSTMENTS						
H.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3		
H.28	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
H.29	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
H.30	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	2		
H.31	Adjustment of Valve Boxes	CW 3210-R7	each	1		
H.32	Valve Box Extensions	CW 3210-R7	each	1		
LANDSCAPING						
H.33	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	5400		
H	<u>BIENVENUE STREET - RAVELSTON AVENUE WEST TO REGENT AVENUE WEST - CONCRETE RECONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	<u>KILDARE AVENUE WEST - DAY STREET TO WAYOATA STREET - REHABILITATION</u>					
	EARTH AND BASE WORKS					
I.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	20		
I.2	Grading of Boulevards	CW 3110-R19	m ²	1800		
	ROADWORKS - RENEWALS					
I.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m ²	100		
I.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	10		
ii)	200 mm Concrete Pavement (Type B)		m ²	240		
iii)	200 mm Concrete Pavement (Type C)		m ²	20		
iv)	200 mm Concrete Pavement (Type D)		m ²	15		
I.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	540		
I.6	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	100		
ii)	20 M Deformed Tie Bar		each	550		
I.7	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	60		
I.8	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	100		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	150		
b)	5 sq.m. to 20 sq.m.		m ²	260		
c)	Greater than 20 sq.m.		m ²	330		
I.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	30		
I.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
I.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	120		
c)	Greater than 30 m		m	1610		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	200		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	140		
I.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5		
I.14	Interlocking Paving Stones	CW 3330-R5	m ²	2		
I.15	Construction of Asphalt Patches	CW 3410-R10	m ²	10		
I.16	Construction of Asphaltic Concrete Overlay	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	1750		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	100		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.17	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	10200		
ii)	50 - 100 mm Depth (Asphalt)		m ²	50		
iii)	0 - 50 mm Depth (Concrete)		m ²	500		
I.18	Detectable Warning Surface Tiles	CW 3326-R2	each	30		
	JOINT AND CRACK SEALING					
I.19	Reflective Crack Maintenance	CW 3250-R7	m	3000		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
I.20	Catch Basin	CW 2130-R12, E11				
i)	SD-024, 1800 mm deep		each	2		
I.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	10		
b)	Trenchless Installation		m	40		
I.22	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
b)	SD-015		vert m	4.0		
I.23	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	20		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	20		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	8		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	8		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I.24	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	4		
I.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 2400 mm Concrete Land Drainage Sewer		each	2		
I.26	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2		
I.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2		
I.28	Removal of Existing Pipes	E12	m	30		
	ADJUSTMENTS					
I.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	35		
I.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
I.31	Lifter Rings	CW 3210-R7				
i)	38 mm		each	5		
ii)	51 mm		each	15		
iii)	64 mm		each	5		
I.30	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
I.31	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	10		
I.32	Replacing Existing Catch Basin Hoods	CW 2130-R12	each	8		
I.33	Adjustment of Valve Boxes	CW 3210-R7	each	10		
I.34	Valve Box Extensions	CW 3210-R7	each	3		
I.35	Adjustment of Curb Stop Boxes	CW 3210-R7	each	22		
I.36	Curb Stop Extensions	CW 3210-R7	each	5		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	SEWER REPAIRS					
I.37	Sewer Inspection	CW 2145-R3				
i)	914 x 559 mm		m	25		
ii)	1270 x 787 mm		m	20		
	LANDSCAPING					
I.38	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	100		
ii)	width > or = 600 mm		m ²	1700		
I	<u>KILDARE AVENUE WEST - DAY STREET TO WAYOATA STREET - REHABILITATION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 MANITOBA HYDRO FUNDED WORK						
(See B9.5, B15.2.1, B16.4, D2, D14.2-3, D16.4)						
J	<u>CHELSEA AVENUE - ROCH STREET TO WATT STREET, STREETLIGHTING</u>					
J.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E10	each	5		
J.2	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E10	lin.m	196		
J.3	Installation of cable(s) (#4 AL C/N or 1/0 AL Triplex) by boring method.	E10	lin.m	116		
J.4	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E10	each	5		
J.5	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E10	each	1		
J.6	Install / lower 3 m of Cable Guard, ground lug, cable up pole, and first 3 m section of ground rod per Standard CD 315-5.	E10	each	1		
J.7	Installation of break-away base and reaction plate on base mounted poles up to 35'.	E10	each	5		
J.8	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E10	each	5		
J.9	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E10	per span	5		
J.10	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E10	per span	5		
J	<u>CHELSEA AVENUE - ROCH STREET TO WATT STREET, STREETLIGHTING</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K	<u>NEIL AVENUE - WATT STREET TO ROCH STREET, STREETLIGHTING</u>					
K.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E10	each	4		
K.2	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E10	lin.m	252		
K.3	Installation of cable(s) (#4 AL C/N or 1/0 AL Triplex) by boring method.	E10	lin.m	17		
K.4	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E10	each	4		
K.5	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E10	each	1		
K.6	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E10	each	4		
K.7	Installation of break-away base and reaction plate on base mounted poles up to 35'.	E10	each	4		
K.8	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E10	per span	4		
K.9	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E10	per span	4		
K	<u>NEIL AVENUE - WATT STREET TO ROCH STREET, STREETLIGHTING</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L	<u>RAVENHILL ROAD - TU-PELO AVENUE TO ANTRIM ROAD, STREETLIGHTING</u>					
L.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E10	each	13		
L.2	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E10	lin.m	624		
L.3	Installation of cable(s) (#4 AL C/N or 1/0 AL Triplex) by boring method.	E10	lin.m	90		
L.4	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E10	each	13		
L.5	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E10	each	4		
L.6	Installation and connection of externally-mounted relay per Standards CD 315-12 and CD 315-13.	E10	each	2		
L.7	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E10	each	13		
L.8	Installation of break-away base and reaction plate on base mounted poles up to 35'.	E10	each	13		
L.9	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E10	per span	13		
L.10	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E10	per span	13		
L.11	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E10	each	1		
L	<u>RAVENHILL ROAD - TU-PELO AVENUE TO ANTRIM ROAD, STREETLIGHTING</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M	<u>REAY CRESCENT - LONDON STREET TO ANTRIM ROAD, STREETLIGHTING</u>					
M.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E10	each	6		
M.2	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E10	lin.m	305		
M.3	Installation of cable (#4 AL C/N or 1/0 AL Triplex) by boring method.	E10	lin.m	33		
M.4	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E10	each	6		
M.5	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E10	each	3		
M.6	Installation and connection of externally-mounted relay per Standards CD 315-12 and CD 315-13.	E10	each	1		
M.7	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E10	each	6		
M.8	Installation of break-away base and reaction plate on base mounted poles up to 35'.	E10	each	6		
M.9	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E10	per span	6		
M.10	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E10	per span	6		
M.11	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E10	each	2		
M	<u>REAY CRESCENT - LONDON STREET TO ANTRIM ROAD, STREETLIGHTING</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1 CITY FUNDED WORK						
A	<u>EDISON AVENUE - HENDERSON HIGHWAY TO ROCH STREET - REHABILITATION</u>				Subtotal:	
B	<u>MCLEOD AVENUE - MELNESS BAY TO HENDERSON HIGHWAY - REHABILITATION</u>				Subtotal:	
C	<u>CHELSEA AVENUE - ROCH STREET TO #412 CHELSEA AVENUE - CONCRETE RECONSTRUCTION</u>				Subtotal:	
D	<u>CHELSEA AVENUE - #448 CHELSEA AVENUE TO WATT STREET - CONCRETE RECONSTRUCTION</u>				Subtotal:	
E	<u>NEIL AVENUE - WATT STREET TO ROCH STREET - ASPHALT RECONSTRUCTION</u>				Subtotal:	
F	<u>REAY CRESCENT - LONDON STREET TO ANTRIM ROAD - ASPHALT RECONSTRUCTION</u>				Subtotal:	
G	<u>RAVENHILL ROAD - TU-PELO AVENUE TO ANTRIM ROAD - ASPHALT RECONSTRUCTION</u>				Subtotal:	
H	<u>BIENVENUE STREET - RAVELSTON AVENUE WEST TO REGENT AVENUE WEST - CONCRETE RECONSTRUCTION</u>				Subtotal:	
I	<u>KILDARE AVENUE WEST - DAY STREET TO WAYOATA STREET - REHABILITATION</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO FUNDED WORK (See B9.5, B15.2.1, B16.4, D2, D14.2-3, D16.4)						
J	<u>CHELSEA AVENUE - ROCH STREET TO WATT STREET, STREETLIGHTING</u>				Subtotal:	
K	<u>NEIL AVENUE - WATT STREET TO ROCH STREET, STREETLIGHTING</u>				Subtotal:	
L	<u>RAVENHILL ROAD - TU-PELO AVENUE TO ANTRIM ROAD, STREETLIGHTING</u>				Subtotal:	
M	<u>REAY CRESCENT - LONDON STREET TO ANTRIM ROAD, STREETLIGHTING</u>				Subtotal:	
(total price) PART 2						
TOTAL BID PRICE (GST extra)				(in figures)		_____

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. 19-2015

2015 LOCAL STREETS PACKAGE – RAVENHILL ROAD, BIENVENUE STREET AND VARIOUS OTHER LOCATIONS

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. 19-2015

2015 LOCAL STREETS PACKAGE – RAVENHILL ROAD, BIENVENUE STREET AND VARIOUS OTHER LOCATIONS

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 sixty (60) 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. 19-2015

2015 LOCAL STREETS PACKAGE – RAVENHILL ROAD, BIENVENUE STREET AND VARIOUS OTHER LOCATIONS

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 June 16, 2015.

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)