

FORM A: BID
(See B9)

1. Contract Title 2018 Industrial Streets Renewal Program – Chevrier Boulevard

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

(Choose one)

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
(Choose one)

In accordance with B13.1, the Bidder encloses bid security in the form of:

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 seventy five (75) Calendar Days following the Submission Deadline.

12. Indigenous Self-Declaration

The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.

YES, 51% Indigenous ownership

NO, it is not

This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

13. 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 B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>CHEVRIER BOULEVARD - WAVERLEY STREET TO TROTTIER BAY EAST LEG. ASPHALT RESURFACING AND ASSOCIATED WORKS</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	2200		
A.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	4000		
A.3	Supplying and Placing Base Course Material	CW 3110-R19	m ³	700		
A.4	Grading of Boulevards	CW 3110-R19	m ²	11000		
A.5	Boulevard Excavation	CW 3110-R19	m ³	600		
A.6	Separation Geotextile Fabric	CW 3130-R4	m ²	5000		
	ROADWORKS - RENEWALS					
A.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	5300		
A.8	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	120		
A.9	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	20		
ii)	150 mm Concrete Pavement (Type B)		m ²	350		
iii)	150 mm Concrete Pavement (Type C)		m ²	30		
iv)	150 mm Concrete Pavement (Type D)		m ²	20		
A.10	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	50		
ii)	150 mm Concrete Pavement (Type A)		m ²	10		
iii)	150 mm Concrete Pavement (Type B)		m ²	50		
iv)	150 mm Concrete Pavement (Type C)		m ²	15		
v)	150 mm Concrete Pavement (Type D)		m ²	15		
A.11	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	75		
ii)	150 mm Concrete Pavement (Type A)		m ²	10		
iii)	150 mm Concrete Pavement (Type B)		m ²	100		
iv)	150 mm Concrete Pavement (Type C)		m ²	15		
v)	150 mm Concrete Pavement (Type D)		m ²	15		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	1500		
A.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	2700		
ii)	20 M Deformed Tie Bar		each	1600		
A.14	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	80		
b)	Greater than 20 sq.m.		m ²	30		
A.15	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	30		
ii)	Modified Barrier (Integral)		m	90		
A.16	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (180 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	60		
b)	Greater than 30 m		m	60		
ii)	Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	60		
iii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	40		
A.17	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	2750		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	40		
A.18	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	13100		
A.19	Detectable Warning Surface Tiles	CW 3326-R3	each	22		
ROADWORKS - NEW CONSTRUCTION						
A.20	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced) Slip Form Paving		m ²	3200		
ii)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	2000		
iii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	450		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	50		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.21	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m ²	250		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	300		
A.22	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral) Slip Form Paving	SD-204	m	1450		
ii)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	150		
iii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	175		
iv)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	550		
v)	Construction of Lip Curb (75 mm ht, Integral)	SD-202A	m	15		
vi)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	640		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	120		
A.23	100 mm Concrete Sidewalk	CW 3325-R5	m ²	1950		
A.24	Interlocking Paving Stones	CW 3335-R1 E14				
i)	Blue		m ²	5		
ii)	Black		m ²	100		
A.25	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	40		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
	JOINT AND CRACK SEALING					
A.26	Reflective Crack Maintenance	CW 3250-R7	m	1200		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.27	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	2		
ii)	SD-024, 1800 mm deep		each	15		
A.28	Catch Pit	CW 2130-R12				
i)	SD-023		each	8		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.29	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	95		
b)	Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	30		
A.30	Drainage Connection Pipe	CW 2130-R12	m	15		
A.31	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	18		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	17		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	1		
A.32	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	7		
A.33	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	8		
A.34	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 1200 mm (Concrete) Sewer		each	4		
ii)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 1350 mm (Concrete) Sewer		each	1		
A.35	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	6		
A.36	Removal of Existing Catch Basins	CW 2130-R12	each	12		
	Plugging Existing Sewer Services Smaller than 300 mm	CW 2130-R12	each	7		
A.37	Installation of Subdrains	CW 3120-R4	m	210		
	ADJUSTMENTS					
A.38	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	35		
A.39	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	3.0		
A.40	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	14		
iii)	64 mm		each	4		
iv)	76 mm		each	4		
A.41	Adjustment of Valve Boxes	CW 3210-R8	each	28		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.42	Valve Box Extensions	CW 3210-R8	each	20		
A.43	Adjustment of Curb Stop Boxes	CW 3210-R8	each	15		
A.44	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	4		
A.45	Curb Stop Extensions	CW 3210-R8	each	10		
A.46	Raising of Existing Hydrant	CW 2110-R11	each	1		
LANDSCAPING						
A.47	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	1000		
ii)	width > or = 600 mm		m ²	10000		
MISCELLANEOUS						
A.48	Hydro Excavation	E12	hr	15		
A.49	Coloured Bike Lane Treatment (Asphalt)	E11	m ²	90		
A.50	Installation of Conduit	E22	m	1400		
A	<u>CHEVRIER BOULEVARD - WAVERLEY STREET TO TROTTIER BAY EAST LEG.</u> <u>ASPHALT RESURFACING AND ASSOCIATED WORKS</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>CHEVRIER BOULEVARD - TROTTIER BAY EAST LEG TO PEMBINA HIGHWAY, CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m ³	9000		
B.2	Sub-Grade Compaction	CW 3110-R19	m ²	14000		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	6300		
ii)	100 mm		tonne	13500		
B.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	1500		
B.5	Grading of Boulevards	CW 3110-R19	m ²	9000		
B.6	Boulevard Excavation	CW 3110-R19	m ³	600		
B.7	Removal of Existing Concrete Bases	CW 3110-R19				
i)	600 mm Diameter or Less		each	1		
B.8	Separation Geotextile Fabric	CW 3130-R4	m ²	14000		
B.9	Supply and Install Geogrid	CW 3135-R1	m ²	7800		
	ROADWORKS - RENEWALS					
B.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	12000		
B.11	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	1700		
B.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	60		
B.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	6		
B.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	2		
B.15	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (180 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	3 m to 30 m		m	60		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	14		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.16	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	350		
B.17	Detectable Warning Surface Tiles	CW 3326-R3	each	22		
ROADWORKS - NEW CONSTRUCTION						
B.18	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled) Slip Form Paving		m ²	10000		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	1750		
iii)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	1000		
iv)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	100		
v)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	240		
vi)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	75		
B.19	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement for Early Opening 24 Hour (Plain-Dowelled)		m ²	150		
ii)	Construction of 230 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m ²	200		
iii)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m ²	100		
iv)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	150		
B.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	250		
ii)	Construction of Barrier (180 mm ht, Integral) Slip Form Paving	SD-204	m	1000		
iii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	225		
iv)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	300		
v)	Construction of Lip Curb (75 mm ht, Integral)	SD-202A	m	15		
vi)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	400		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	230		
B.21	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	2500		
B.22	100 mm Concrete Sidewalk	CW 3325-R5	m ²	2200		
B.23	100 mm Concrete Sidewalk with Block-outs for Interlocking Paving Stones	E13	m ²	100		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.24	Interlocking Paving Stones	CW 3335-R1 E14				
i)	Blue		m ²	5		
ii)	Black		m ²	100		
B.25	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	280		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	150		
	JOINT AND CRACK SEALING					
B.26	Joint Sealing	CW 3250-R7	m	6200		
B.27	Reflective Crack Maintenance	CW 3250-R7	m	100		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.28	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	12		
ii)	SD-025, 1800 mm deep		each	5		
iii)	SD-024, 1200 mm deep		each	2		
B.29	Catch Pit	CW 2130-R12				
i)	SD-023		each	4		
B.30	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	90		
b)	Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	40		
B.31	Drainage Connection Pipe	CW 2130-R12	m	12		
B.32	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	18		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	17		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	1		
B.33	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	7		
B.34	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	4		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.35	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Concrete) Sewer		each	1		
ii)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 375 mm (Concrete) Sewer		each	2		
iii)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 525 mm (Concrete) Sewer		each	2		
iv)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 900 mm (Concrete) Sewer		each	3		
B.36	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	2		
B.37	Removal of Existing Catch Basins	CW 2130-R12	each	20		
	Plugging Existing Sewer Services Smaller than 300 mm	CW 2130-R12	each	18		
B.38	Installation of Subdrains	CW 3120-R4	m	210		
B.39	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5				
i)	(750 mm, 14 gauge, Galvanized)		m	15		
B.40	Corrugated Steel Pipe Culvert - Install	CW 3610-R5				
i)	(750 mm, 14 gauge, Galvanized)		m	15		
B.41	Connections to Existing Culverts	CW 3610-R5	each	2		
B.42	Removal of Existing Culverts	CW 3610-R5	m	8		
B.43	Disposal of Existing Culverts	CW 3610-R5	m	8		
B.44	Culvert End Markers	CW 3610-R5	each	2		
	ADJUSTMENTS					
B.45	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	35		
B.46	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	4.0		
B.47	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	10		
ii)	51 mm		each	10		
iii)	64 mm		each	10		
iv)	76 mm		each	5		
B.48	Adjustment of Valve Boxes	CW 3210-R8	each	30		
B.49	Valve Box Extensions	CW 3210-R8	each	20		
B.50	Adjustment of Curb Stop Boxes	CW 3210-R8	each	40		
B.51	Curb Stop Extensions	CW 3210-R8	each	25		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.52	Relocating Existing Hydrant - Type A	CW 2110-R11	each	2		
	LANDSCAPING					
B.53	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	1000		
ii)	width > or = 600 mm		m ²	8000		
	MISCELLANEOUS					
B.54	Tree Removal	E10	each	5		
B.55	Hydro Excavation	E12	hr	30		
B.56	Coloured Bike Lane Treatment (Concrete)	E11	m ²	125		
B.57	Coloured Bike Lane Treatment (Asphalt)	E11	m ²	75		
B.58	Installation of Conduit	E22	m	700		
B	<u>CHEVRIER BOULEVARD - TROTTIER BAY EAST LEG TO PEMBINA HIGHWAY, CONCRETE RECONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>WAVERLEY STREET - CHEVRIER BOULEVARD TO MCGILLIVRAY BOULEVARD, MULTI-USE PATH CONSTRUCTION</u>					
	EARTH AND BASE WORKS					
C.1	Sub-Grade Compaction	CW 3110-R19	m ²	3400		
C.2	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1300		
C.3	Supplying and Placing Base Course Material	CW 3110-R19	m ³	320		
C.4	Grading of Boulevards	CW 3110-R19	m ²	4000		
C.5	Boulevard Excavation	CW 3110-R19	m ³	1100		
C.6	Separation Geotextile Fabric	CW 3130-R4	m ²	3400		
	ROADWORKS - RENEWALS					
C.7	Partial Slab Patches	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	4		
ii)	200 mm Concrete Pavement (Type B)		m ²	8		
C.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	10		
C.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	15		
ii)	20 M Deformed Tie Bar		each	15		
C.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	15		
C.11	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	15		
ii)	Splash Strip Monolithic		m	10		
C.12	Concrete Curb Renewal	CW 3240-R10				
i)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	4		
	ROADWORKS - NEW CONSTRUCTION					
C.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	10		
ii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	10		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	11		
iv)	Construction of Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	10		

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.14	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	600		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
	JOINT AND CRACK SEALING					
C.15	Crack Sealing	CW 3250-R7				
i)	2 mm to 10 mm Wide		m	200		
	ADJUSTMENTS					
C.16	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	14		
C.17	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	4		
ii)	51 mm		each	7		
iii)	64 mm		each	2		
C.18	Adjustment of Valve Boxes	CW 3210-R8	each	22		
C.19	Valve Box Extensions	CW 3210-R8	each	12		
C.20	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	2		
C.21	Relocating Existing Hydrant - Type A	CW 2110-R11	each	1		
	LANDSCAPING					
C.22	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	400		
ii)	width > or = 600 mm		m ²	3600		
	MISCELLANEOUS					
C.23	Tree Removal	E10	each	1		
C	<u>WAVERLEY STREET - CHEVRIER BOULEVARD TO MCGILLIVRAY BOULEVARD, MULTI-USE PATH CONSTRUCTION</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>WATER AND WASTE WORK</u>					
	CHEVRIER BOULEVARD (MA60018184)					
D.1	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 200 mm					
	a) Class 3 Backfill		each	1		
D.2	Sewer Inspection (following repair)	CW2145-R3				
	i) 200 mm, Clay		m	76		
D.3	Watermain and Water Service Insulation	E17				
	i) Pipe Under Roadway Excavation (SD-018)		m ²	610		
D	<u>WATER AND WASTE WORK</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 MANITOBA HYDRO FUNDED WORK						
(See B10.5, B17.2.1, B18.4, D2, D13.2-3, D14.4)						
E	<u>CHEVRIER BOULEVARD - HUDSON STREET TO PEMBINA HIGHWAY, STREET LIGHTING</u>					
E.1	Removal of 25' to 45' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances.		each	7		
E.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).		m	355		
E.3	Installation of 25'/35'/45' pole, davit arm and precast concrete base including luminaire and appurtenances.		each	6		
E.4	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.		each	2		
E.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.		each	8		
E.6	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.		per span	6		
E.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.		per span	6		
E.8	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.		each	3		
E.9	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.		each	4		
E	<u>CHEVRIER BOULEVARD - HUDSON STREET TO PEMBINA HIGHWAY, STREET LIGHTING</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1 CITY FUNDED WORK						
A	<u>CHEVRIER BOULEVARD - WAVERLEY STREET TO TROTTIER BAY EAST LEG, ASPHALT RESURFACING AND ASSOCIATED WORKS</u>				Subtotal:	
B	<u>CHEVRIER BOULEVARD - TROTTIER BAY EAST LEG TO PEMBINA HIGHWAY, CONCRETE RECONSTRUCTION</u>				Subtotal:	
C	<u>WAVERLEY STREET - CHEVRIER BOULEVARD TO MCGILLIVRAY BOULEVARD, MULTI-USE PATH CONSTRUCTION</u>				Subtotal:	
D	<u>WATER AND WASTE WORK</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO FUNDED WORK (See B10.5, B17.2.1, B18.4, D2, D13.2-3, D14.4)						
E	<u>CHEVRIER BOULEVARD - HUDSON STREET TO PEMBINA HIGHWAY, STREET LIGHTING</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 B13)

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. 10-2018

2018 Industrial Streets Renewal Program – Chevrier Boulevard

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 B13)

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. 10-2018

2018 Industrial Streets Renewal Program – Chevrier Boulevard

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 seventy five (75) 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 B13)

(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. 10-2018
2018 Industrial Streets Renewal Program – Chevrier Boulevard

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 B13)**

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 4, 2018.

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)