

FORM A: BID
(See B8)

1. Contract Title 2019 LOCAL STREET RENEWAL PROGRAM - HUDSON ST,
VILLENEUVE BLVD AND 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

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 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) 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 By submitting a bid in response to this Tender, the Bidder certifies that it has read, understands, and agrees to the terms and conditions of this Tender and that the Tender, 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. 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% or more 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 B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>ASPHALT RECONSTRUCTION: DEREK STREET FROM PARKER AVENUE TO WINDEMERE AVENUE</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	2,400		
A.2	Sub-Grade Compaction	CW 3110-R19	m ²	4,000		
A.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Crushed Concrete		tonne	3,800		
A.4	Supplying and Placing Crushed Concrete Base Course Material	CW 3110-R19	m ³	400		
A.5	Grading of Boulevards	CW 3110-R19	m ²	3,560		
A.6	Separation Geotextile Fabric					
		CW 3130-R4	m ²	4,000		
	ROADWORKS - REMOVALS/RENEWALS					
A.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	3,800		
A.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	30		
A.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	70		
A.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	150		
c)	Greater than 20 sq.m.		m ²	500		
A.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5		
A.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	2		
A.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	2		

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORK - NEW CONSTRUCTION						
A.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	300		
A.15	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m ²	160		
ii)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	160		
A.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm Reveal ht, Integral)	SD-203B	m	65		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	20		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	490		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	75		
v)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200 SD-202B	m	135		
vi)	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	75		
vii)	Construction of Mountable Curb 75 mm ht, (Integral)	SD-201	m	60		
viii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	20		
ix)	Construction of Curb Ramp (8-12 mm ht Reveal, Integral)	SD-229C	m	10		
A.17	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	750		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	70		
	JOINT AND CRACK SEALING					
A.18	Reflective Crack Maintenance	CW 3250-R7	m	20		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	12		
A.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	59		
A.21	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	7		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	7		
A.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 375 mm (Type Concrete) Sewer		each	2		
b)	Connecting to 450 mm (Type Concrete) Sewer		each	2		
c)	Connecting to 600 mm (Type Concrete) Sewer		each	2		
d)	Connecting to 750 mm (Type Concrete) Sewer		each	6		
A.23	Removal of Existing Catch Basins	CW 2130-R12	each	12		
A.24	Removal of Existing Catch Pit	CW 2130-R12	each	1		
A.25	Installation of Subdrains	CW 3120-R4	m	144		

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
A.26	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	7		
A.27	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	3.7		
A.28	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	12		
A.29	Adjustment of Valve Boxes	CW 3210-R8	each	5		
A.30	Valve Box Extensions	CW 3210-R8	each	2		
	LANDSCAPING					
A.31	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	160		
ii)	width > or = 600 mm		m ²	3,400		
A	<u>ASPHALT RECONSTRUCTION: DEREK STREET FROM PARKER AVENUE TO WINDEMERE AVENUE</u>				Subtotal:	

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>ASPHALT RECONSTRUCTION: HUDSON STREET FROM CLARENCE AVENUE TO CHEVRIER BOULEVARD</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m ³	2,800		
B.2	Sub-Grade Compaction	CW 3110-R19	m ²	4,700		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Crushed Concrete		tonne	4,700		
B.4	Supplying and Placing Crushed Concrete Base Course Material	CW 3110-R19	m ³	520		
B.5	Grading of Boulevards	CW 3110-R19	m ²	3,300		
B.6	Separation Geotextile Fabric	CW 3130-R4	m ²	4,700		
	ROADWORKS - REMOVALS/RENEWALS					
B.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	4,750		
B.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
B.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	210		
B.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	60		
c)	Greater than 20 sq.m.		m ²	560		
B.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
B.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
B.13	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORKS - NEW CONSTRUCTION						
B.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	790		
B.15	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	150		
B.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	10		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	50		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	590		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	62		
v)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200 SD-202B	m	240		
vi)	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		
vii)	Construction of Mountable Curb 75 mm ht, (Integral)	SD-201	m	10		
viii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	10		
B.17	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	820		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	140		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	2		
ii)	SD-024, 1800 mm deep		each	6		
B.19	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
B.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	35		
B.21	Drainage Connection Pipe	CW 2130-R12	m	9		
B.22	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	12		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	12		
B.23	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
B.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 300 mm (Type Unknown) Sewer		each	4		
b)	Connecting to 375 mm (Type Unknown) Sewer		each	2		
c)	Connecting to 450 mm (Type Unknown) Sewer		each	2		
B.25	Removal of Existing Catch Basins	CW 2130-R12	each	8		
B.26	Catch Basin Cleaning	CW 2140-R4	each	2		
B.27	Installation of Subdrains	CW 3120-R4	m	96		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
B.28	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	14		
B.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
B.30	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	24		
B.31	Adjustment of Valve Boxes	CW 3210-R8	each	10		
B.32	Valve Box Extensions	CW 3210-R8	each	2		
B.33	Adjustment of Curb Stop Boxes	CW 3210-R8	each	15		
B.34	Curb Stop Extensions	CW 3210-R8	each	6		
	LANDSCAPING					
B.35	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	800		
ii)	width > or = 600 mm		m ²	2,500		
B	<u>ASPHALT RECONSTRUCTION: HUDSON STREET FROM CLARENCE AVENUE TO CHEVRIER BOULEVARD</u>				Subtotal:	

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>REHABILITATION: THATCHER DRIVE FROM UNIVERSITY CRESCENT TO PEMBINA HIGHWAY</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	80		
C.2	Supplying and Placing Crushed Concrete Base Course Material	CW 3110-R19	m ³	80		
C.3	Grading of Boulevards	CW 3110-R19	m ²	3,000		
	ROADWORKS - REMOVALS/RENEWALS					
C.4	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m ²	400		
	ii) Asphalt Pavement		m ²	15		
C.5	Slab Replacement	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	250		
C.6	Partial Slab Patches	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type A)		m ²	10		
	ii) 150 mm Concrete Pavement (Type B)		m ²	80		
	iii) 150 mm Concrete Pavement (Type D)		m ²	30		
C.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	250		
C.8	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	200		
C.9	Drilled Tie Bars	CW 3230-R8				
	i) 20 M Deformed Tie Bar		each	420		
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	20		
C.11	Concrete Curb Removal	CW 3240-R10				
	i) Mountable Curb		m	610		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.12	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	420		
ii)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	70		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	130		
C.13	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 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	10		
iii)	Splash Strip (150 mm reveal ht, Monolithic Modified Barrier Curb, 750 mm width)	SD-223A SD-203B	m	10		
C.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	200		
C.15	Planing of Pavement	CW 3450-R6				
i)	50 - 100 mm Depth (Asphalt)		m ²	100		
C.16	Pavement Repair Fabric	E10	m ²	600		
C.17	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
ROADWORKS - NEW CONSTRUCTION						
C.18	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	200		
C.19	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	200		
C.20	Interlocking Paving Stones	CW 3330-R5	m ²	80		
C.21	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	660		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	60		

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
JOINT AND CRACK SEALING						
C.22	Longitudinal Joint & Crack Filling (> 25 mm in width)	CW 3250-R7	m	50		
C.23	Reflective Crack Maintenance	CW 3250-R7	m	900		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.24	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
C.25	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
C.26	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	55		
C.27	Drainage Connection Pipe	CW 2130-R12	m	20		
C.28	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	6		
C.29	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
C.30	Removal of Existing Catch Basins	CW 2130-R12	each	6		
C.31	Removal of Existing Catch Pit	CW 2130-R12	each	2		
C.32	Catch Basin Cleaning	CW 2140-R4	each	2		
ADJUSTMENTS						
C.33	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	8		
C.34	Adjustment of Valve Boxes	CW 3210-R8	each	8		
C.35	Valve Box Extensions	CW 3210-R8	each	1		
C.36	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
C.37	Curb Stop Extensions	CW 3210-R8	each	1		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.38	LANDSCAPING Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	3,000		
C	<u>REHABILITATION: THATCHER DRIVE FROM UNIVERSITY CRESCENT TO PEMBINA HIGHWAY</u>				Subtotal:	

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>CONCRETE RECONSTRUCTION: VILLENEUVE BOULEVARD FROM DUCHARME AVENUE TO RUE DES TRAPPISTES</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m ³	5,600		
D.2	Sub-Grade Compaction	CW 3110-R19	m ²	4,800		
D.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Crushed Concrete		tonne	7,000		
D.4	Supplying and Placing Crushed Concrete Base Course Material	CW 3110-R19	m ³	500		
D.5	Grading of Boulevards	CW 3110-R19	m ²	3,900		
D.6	Separation Geotextile Fabric	CW 3130-R4	m²	4,800		
D.7	Supply and Install Geogrid	CW 3135-R1	m²	4,800		
	ROADWORKS - REMOVALS/RENEWALS					
D.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	5,000		
D.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
D.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	120		
D.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	120		
b)	5 sq.m. to 20 sq.m.		m ²	100		
c)	Greater than 20 sq.m.		m ²	80		
D.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
D.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
D.14	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	10		
D.15	Detectable Warning Surface Tiles	CW 3326-R3	each	4		

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ROADWORKS - NEW CONSTRUCTION						
D.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Plain-Dowelled), Slip Form Paving		m ²	2,020		
ii)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	1,520		
D.17	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m ²	2,020		
D.18	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	670		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	70		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	320		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	30		
D.19	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	900		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
D.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		
D.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	40		
D.22	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		

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(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.23	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	4		
D.24	Removal of Existing Catch Basins	CW 2130-R12	each	4		
D.25	Installation of Subdrains	CW 3120-R4	m	48		
D.26	Watermain and Water Service Insulation	CW 2110-R11				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	1,200		
ADJUSTMENTS						
D.27	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		
D.28	Adjustment of Valve Boxes	CW 3210-R8	each	6		
D.29	Valve Box Extensions	CW 3210-R8	each	2		
D.30	Adjustment of Curb Stop Boxes	CW 3210-R8	each	10		
D.31	Curb Stop Extensions	CW 3210-R8	each	2		
LANDSCAPING						
D.32	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m ²	3,900		
D	<u>CONCRETE RECONSTRUCTION: VILLENEUVE BOULEVARD FROM DUCHARME AVENUE TO RUE DES TRAPPISTES</u>				Subtotal:	

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>REHABILITATION: CALEDON ROAD FROM MAPLERIDGE AVENUE TO KILLARNEY AVENUE</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	70		
E.2	Supplying and Placing Crushed Concrete Base Course Material	CW 3110-R19	m ³	70		
E.3	Grading of Boulevards	CW 3110-R19	m ²	1,000		
	ROADWORKS - REMOVALS/RENEWALS					
E.4	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m ²	350		
E.5	Slab Replacement	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	90		
E.6	Partial Slab Patches	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type D)		m ²	20		
E.7	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
	i) 150 mm Concrete Pavement (Reinforced)		m ²	50		
E.8	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
	i) 150 mm Concrete Pavement (Type B)		m ²	20		
	ii) 150 mm Concrete Pavement (Type D)		m ²	60		
E.9	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	50		
E.10	Drilled Tie Bars	CW 3230-R8				
	i) 20 M Deformed Tie Bar		each	275		
E.11	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	25		
	c) Greater than 20 sq.m.		m ²	100		

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.12	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	70		
ii)	Mountable Curb		m	120		
E.13	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	120		
ii)	Barrier (100 mm reveal ht, Separate)	SD-203A	m	70		
iii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	60		
iv)	Modified Barrier (150 mm reveal ht, Integral)	SD-203B	m	40		
v)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	45		
E.14	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Separate)	SD-203A				
a)	Less than 3 m		m	20		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	25		
E.15	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	16		
E.16	Planing of Pavement	CW 3450-R6				
i)	50 - 100 mm Depth (Asphalt)		m ²	70		
E.17	Pavement Repair Fabric	E10	m ²	600		
E.18	Detectable Warning Surface Tiles	CW 3326-R3	each	6		
ROADWORKS - NEW CONSTRUCTION						
E.19	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	180		
E.20	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	170		
E.21	100 mm Concrete Sidewalk	CW 3325-R5	m ²	450		
E.22	Interlocking Paving Stones	CW 3330-R5	m ²	10		

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.23	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	480		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	90		
	JOINT AND CRACK SEALING					
E.24	Longitudinal Joint & Crack Filling (> 25 mm in width)	CW 3250-R7	m	50		
E.25	Reflective Crack Maintenance	CW 3250-R7	m	500		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.26	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	1		
ii)	SD-024, 1800 mm deep		each	1		
E.27	Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
E.28	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 2 Backfill		m	4		
E.29	Drainage Connection Pipe	CW 2130-R12	m	20		
E.30	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
E.31	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	4		
E.32	Removal of Existing Catch Basins	CW 2130-R12	each	2		
E.33	Removal of Existing Catch Pit	CW 2130-R12	each	2		

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
E.34	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
E.35	Adjustment of Valve Boxes	CW 3210-R8	each	4		
E.36	Valve Box Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
E.37	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	200		
ii)	width > or = 600 mm		m ²	800		
E	<u>REHABILITATION: CALEDON ROAD FROM MAPLERIDGE AVENUE TO KILLARNEY AVENUE</u>				Subtotal:	

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>SEWER REPAIRS: DEREK STREET, HUDSON STREET & THATCHER DRIVE</u>					
	DEREK ST (MH60010922)					
F.1	Remove and Replace Risers	CW2130-R12				
	i) SD-010					
	a) 750 mm Diameter Risers		vert.m.	1.6		
F.2	Grout Pipe Interface	CW2130-R12	each	1		
F.3	Manhole Inspection	CW2145-R4	each	1		
	DEREK ST (MH60011004)					
F.4	Remove and Replace Risers	CW2130-R12				
	i) SD-010					
	a) 750 mm Diameter Risers		vert.m.	1.1		
F.5	Grout Pipe Interface	CW2130-R12	each	1		
F.6	Manhole Inspection	CW2145-R4	each	1		
	HUDSON ST (MA60018188)					
F.7	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 375mm LDS					
	a) Class 3 Backfill		each	1		
F.8	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
	i) 375 mm					
	a) Class 3 Backfill		m	3.1		
F.9	Sewer Inspection (following repair)	CW 2145-R4				
	i) 375 mm, LDS		m	98.5		
	THATCHER DR (MA60016103)					
F.10	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
	i) 375mm LDS					
	a) Class 3 Backfill		each	1		

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.11	Sewer Inspection (following repair)	CW 2145-R4				
i)	375 mm, LDS		m	99		
F	<u>SEWER REPAIRS: DEREK STREET, HUDSON STREET & THATCHER DRIVE</u>				Subtotal:	

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 MANITOBA HYDRO/PROVINCIALY FUNDED WORK						
(See B10.5, B18.2.1, B19.6, D2, D15.2-3, D16.4)						
G	<u>NEW STREET LIGHT INSTALLATION</u>					
	<u>HUDSON STREET FROM CLARENCE AVENUE TO CHEVRIER BOULEVARD</u>					
G.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.	E11	each	12		
G.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E11	lin.m	406		
G.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E11	each	11		
G.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.	E11	each	2		
G.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E11	each	11		
G.6	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E11	per span	10		
G.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E11	per span	10		
G.8	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.	E11	each	1		
G.9	Removal of luminaire and appurtenances.	E11	each	1		
G.10	Installation of luminaire and appurtenances.	E11	each	1		
	<u>VILLENEUVE BOULEVARD FROM DUCHARME AVENUE TO RUE DES TRAPPISTES</u>					
G.11	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.	E11	each	11		

FORM B(R1): PRICES
(SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.12	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E11	lin.m	532		
G.13	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E11	each	10		
G.14	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.	E11	each	3		
G.15	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E11	each	11		
G.16	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E11	per span	12		
G.17	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E11	per span	12		
G.18	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.	E11	each	1		
G.19	Removal of luminaire and appurtenances.	E11	each	2		
G.20	Installation of luminaire and appurtenances.	E11	each	2		
G	<u>NEW STREET LIGHT INSTALLATION</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>ASPHALT RECONSTRUCTION: DEREK STREET FROM PARKER AVENUE TO WINDEMERE AVENUE</u>				Subtotal:	
B	<u>ASPHALT RECONSTRUCTION: HUDSON STREET FROM CLARENCE AVENUE TO CHEVRIER BOULEVARD</u>				Subtotal:	
C	<u>REHABILITATION: THATCHER DRIVE FROM UNIVERSITY CRESCENT TO PEMBINA HIGHWAY</u>				Subtotal:	
D	<u>CONCRETE RECONSTRUCTION: VILLENEUVE BOULEVARD FROM DUCHARME AVENUE TO RUE DES TRAPPISTES</u>				Subtotal:	
E	<u>REHABILITATION: CALEDON ROAD FROM MAPLERIDGE AVENUE TO KILLARNEY AVENUE</u>				Subtotal:	
F	<u>SEWER REPAIRS: DEREK STREET, HUDSON STREET & THATCHER DRIVE</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO/PROVINCIALY FUNDED WORK (See B10.5, B18.2.1, B19.6, D2, D15.2-3, D16.4)						
G	<u>NEW STREET LIGHT INSTALLATION</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

TENDER NO. 186-2019

2019 LOCAL STREET RENEWAL PROGRAM - HUDSON ST, VILLENEUVE BLVD AND OTHER LOCATIONS

as more fully set out in the Tender.

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 and labour and material payment bonds, 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

TENDER NO. 186-2019

2019 LOCAL STREET RENEWAL PROGRAM - HUDSON ST, VILLENEUVE BLVD AND OTHER LOCATIONS

The Surety agrees to issue for the Principal:

1. a Performance Bond 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 Tender; and
2. a Labour and Material Payment Bond in an amount equal to fifty percent (50%) of the Contract Price for the payment for all labour, service and material used or reasonably required for use in the performance of the Work shown and described in the Tender;

If our Principal's Bid is accepted by you, such Performance Bond and Labour and Material Payment Bond (the Bonds) to be maintained and continue in full force and effect until the expiration of the warranty period. The Bonds shall be in the form specified in the Tender.

It is a condition that this Agreement to Bond shall become null and void if the Bonds mentioned above are 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)