

FORM A: BID
(See B9)

1. Contract Title 2019 Street Renewal Program: Dowker Avenue, Mulvey Avenue 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

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 B14.1, 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 B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>DOWKER AVENUE - PEMBINA HIGHWAY TO EAST LEG OF CROWSON BAY</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	2800.0		
A.2	Sub-Grade Compaction	CW 3110-R19	m ²	5120.0		
A.3	Placing Suitable Site Sub-base Material	CW 3110-R19	m ³	20.0		
A.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3960.0		
A.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	520.0		
A.6	Grading of Boulevards	CW 3110-R19	m ²	1935.0		
A.7	Separation Geotextile Fabric					
A.8	Supply and Install Geogrid	CW 3130-R4	m ²	5120.0		
		CW 3135-R1	m ²	500.0		
	ROADWORKS - REMOVALS/RENEWALS					
A.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	520.0		
ii)	Asphalt Pavement		m ²	4160.0		
A.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	20.0		
A.11	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	10.0		
A.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	10.0		
b)	5 sq.m. to 20 sq.m.		m ²	75.0		
c)	Greater than 20 sq.m.		m ²	485.0		
A.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		
A.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		
A.15	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		

Name of Bidder

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.16	Concrete Curb Removal	CW 3240-R10				
i)	Curb and Gutter		m	810.0		
A.17	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	30.0		
A.18	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	25.0		
A.19	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	250.0		
A.20	Detectable Warning Surface Tiles	CW 3326-R3	each	2.0		
ROADWORKS - NEW CONSTRUCTION						
A.21	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	540.0		
A.22	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m ²	50.0		
A.23	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	25.0		
ii)	Construction of Curb and Gutter (150mm ht, Barrier, Integral, Slip Form Paving, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	470.0		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	60.0		
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, Slip Form Paving, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	155.0		
v)	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	80.0		
vi)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	15.0		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	35.0		
A.24	100 mm Concrete Sidewalk	CW 3325-R5	m ²	510.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.25	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	480.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	70.0		
A.26	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R12	tonne	740.0		
	JOINT AND CRACK SEALING					
A.27	Crack Sealing	CW 3250-R7				
i)	2 mm to 10 mm Wide		m	515.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.28	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	1.0		
ii)	SD-024, 1800 mm deep		each	4.0		
iii)	SD-025, 1800 mm deep		each	5.0		
A.29	Catch Pit	CW 2130-R12				
i)	SD-023		each	5.0		
A.30	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	1.0		
A.31	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	65.0		
A.32	Drainage Connection Pipe	CW 2130-R12	m	15.0		
A.33	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	14.0		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	11.0		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	3.0		
A.34	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	5.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.35	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 375 mm (Conc) Sewer		each	4.0		
b)	Connecting to 600 mm (Conc) Sewer		each	6.0		
A.36	Removal of Existing Catch Basins	CW 2130-R12	each	11.0		
A.37	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2.0		
A.38	Plugging Existing Sewers and Sewer Services Smaller Than 300 Millimeters	CW 2130-R12	each	4.0		
A.39	Abandoning Existing Sewer Services Under Existing Pavement	CW 2130-R12	each	7.0		
A.40	Installation of Subdrains	CW 3120-R4	m	120.0		
ADJUSTMENTS						
A.41	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	14.0		
A.42	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
A.43	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	14.0		
A.44	Adjustment of Valve Boxes	CW 3210-R8	each	10.0		
A.45	Valve Box Extensions	CW 3210-R8	each	1.0		
A.46	Adjustment of Curb Stop Boxes	CW 3210-R8	each	20.0		
A.47	Curb Stop Extensions	CW 3210-R8	each	10.0		
LANDSCAPING						
A.48	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	185.0		
ii)	width > or = 600 mm		m ²	1750.0		
MISCELLANEOUS						
A.49	Hydro Excavation	E14	hr	16.0		
A.50	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2.0		
A.51	Replace Existing Sprinkler Pipe	E12	m	5.0		
A	<u>DOWKER AVENUE - PEMBINA HIGHWAY TO EAST LEG OF CROWSON BAY</u>				Subtotal:	

Name of Bidder

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>MAUREEN STREET - ASSINBOINE AVENUE TO BARRON DRIVE</u>					
	EARTH AND BASE WORKS					
B.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	10.0		
B.2	Grading of Boulevards	CW 3110-R19	m ²	1700.0		
	ROADWORKS - REMOVALS/RENEWALS					
B.3	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	455.0		
B.4	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	25.0		
ii)	150 mm Concrete Pavement (Type B)		m ²	75.0		
iii)	150 mm Concrete Pavement (Type C)		m ²	10.0		
iv)	150 mm Concrete Pavement (Type D)		m ²	15.0		
B.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	110.0		
B.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	335.0		
B.7	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10.0		
B.8	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10.0		
B.9	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	10.0		
B.10	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	105.0		
B.11	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	75.0		
ii)	Modified Barrier (180 mm reveal ht, Integral)	SD-203B	m	30.0		
iii)	Modified Lip Curb (40 mm reveal ht, Dowelled)	SD-202C	m	35.0		
B.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5.0		

Name of Bidder

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	25.0		
B.14	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	605.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	65.0		
B.15	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	40.0		
ii)	1 - 50 mm Depth (Concrete)		m ²	25.0		
B.16	Pavement Repair Fabric	E10	m ²	175.0		
	JOINT AND CRACK SEALING					
	JOINT AND CRACK SEALING					
B.17	Reflective Crack Maintenance	CW 3250-R7	m	665.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	3.0		
B.19	Catch Pit	CW 2130-R12				
i)	SD-023		each	5.0		
B.20	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	1.0		
B.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	15.0		
B.22	Drainage Connection Pipe	CW 2130-R12	m	15.0		
B.23	Frames & Covers	CW 3210-R8				
i)	AP-015 - Mountable Curb and Gutter Frame		each	1.0		
ii)	AP-017 - Mountable Curb and Gutter Paving Cover	E16	each	1.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2.0		
B.25	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	6.0		
B.26	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	1		
B.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	8.0		
ADJUSTMENTS						
B.28	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	5.0		
B.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
B.30	Adjustment of Valve Boxes	CW 3210-R8	each	2.0		
B.31	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	1.0		
LANDSCAPING						
B.32	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	200.0		
ii)	width > or = 600 mm		m ²	1500.0		
MISCELLANEOUS						
B.33	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2.0		
B.34	Replace Existing Sprinkler Pipe	E12	m	5.0		
B	<u>MAUREEN STREET - ASSINBOINE AVENUE TO BARRON DRIVE</u>				Subtotal:	

Name of Bidder

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>MULVEY AVENUE - LILAC STREET TO ARBUTHNOT STREET</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	1010.0		
C.2	Sub-Grade Compaction	CW 3110-R19	m ²	1635.0		
C.3	Placing Suitable Site Sub-base Material	CW 3110-R19	m ³	115.0		
C.4	Supplying and Placing Clay Borrow Sub-base Material	CW 3110-R19	m ³	110.0		
C.5	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1265.0		
C.6	Supplying and Placing Base Course Material	CW 3110-R19	m ³	165.0		
C.7	Grading of Boulevards	CW 3110-R19	m ²	1615.0		
C.8	Separation Geotextile Fabric					
C.9	Supply and Install Geogrid	CW 3135-R1	m ²	820.0		
	ROADWORKS - REMOVALS/RENEWALS					
C.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1375.0		
C.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	20.0		
C.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5.0		
b)	Greater than 20 sq.m.		m ²	515.0		
C.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	10.0		
C.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		
C.15	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.16	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
ii)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
iii)	Barrier (180 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5.0		
C.17	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5.0		
C.18	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	10.0		
C.19	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	350.0		
ROADWORKS - NEW CONSTRUCTION						
C.20	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	90.0		
C.21	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	25.0		
ii)	Construction of Curb and Gutter (150mm ht, Barrier, Integral, Slip Form Paving, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	275.0		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	25.0		
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	30.0		
v)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	10.0		
vi)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	15.0		
C.22	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	200.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.23	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R12	tonne	200.0		
	JOINT AND CRACK SEALING					
C.24	Crack Sealing	CW 3250-R7				
i)	2 mm to 10 mm Wide		m	165.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.25	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4.0		
C.26	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	20.0		
C.27	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2.0		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2.0		
C.28	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Clay) Sewer		each	2.0		
b)	Connecting to 450 mm (Clay) Sewer		each	2.0		
C.29	Removal of Existing Catch Basins	CW 2130-R12	each	2.0		
C.30	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2.0		
C.31	Abandoning Existing Sewer Services Under Existing Pavement	CW 2130-R12	each	2.0		
C.32	Installation of Subdrains	CW 3120-R4	m	48.0		
	ADJUSTMENTS					
C.33	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	4.0		
C.34	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
C.35	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	4.0		

FORM B (R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.36	Adjustment of Valve Boxes	CW 3210-R8	each	3.0		
C.37	Valve Box Extensions	CW 3210-R8	each	1.0		
C.38	Adjustment of Curb Stop Boxes	CW 3210-R8	each	22.0		
C.39	Curb Stop Extensions	CW 3210-R8	each	10.0		
LANDSCAPING						
C.40	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	180.0		
ii)	width > or = 600 mm		m ²	1350.0		
MISCELLANEOUS						
C.41	Hydro Excavation	E14	hr	10.0		
C	<u>MULVEY AVENUE - LILAC STREET TO ARBUTHNOT STREET</u>				Subtotal:	

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>NESS AVENUE - PEBBLEWOOD LANE TO STURGEON ROAD</u>					
D.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	10.0		
D.2	Grading of Boulevards	CW 3110-R19	m ²	1225.0		
	ROADWORKS - REMOVALS/RENEWALS					
D.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	40.0		
D.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	10.0		
ii)	150 mm Concrete Pavement (Type B)		m ²	40.0		
iii)	150 mm Concrete Pavement (Type C)		m ²	10.0		
iv)	150 mm Concrete Pavement (Type D)		m ²	70.0		
D.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	45.0		
D.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	85.0		
D.7	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Monolithic Median Slab		m ²	35.0		
ii)	100 mm Sidewalk		m ²	120.0		
iii)	Bullnose		m ²	6.0		
D.8	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	Safety Median	SD-226B	m ²	35.0		
ii)	100 mm Sidewalk	SD-228A	m ²	160.0		
D.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5.0		
b)	5 sq.m. to 20 sq.m.		m ²	90.0		
c)	Greater than 20 sq.m.		m ²	345.0		
D.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		

Name of Bidder

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		
D.12	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	5.0		
D.13	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	70.0		
ii)	Curb Ramp		m	20.0		
D.14	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	20.0		
ii)	Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	60.0		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229A,B,C	m	20.0		
D.15	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled), Slip Form Paving	SD-205, SD-206A				
a)	Greater than 30 m		m	570.0		
ii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	50.0		
D.16	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	5.0		
D.17	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	940.0		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	115.0		
D.18	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	3950.0		
ii)	50 - 100 mm Depth (Asphalt)		m ²	100.0		
D.19	Pavement Repair Fabric	E10	m ²	1970.0		
D.20	Detectable Warning Surface Tiles	CW 3326-R3	each	14.0		
	JOINT AND CRACK SEALING					
D.21	Reflective Crack Maintenance	CW 3250-R7	m	485.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.22	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2.0		
D.23	Catch Pit	CW 2130-R12				
i)	SD-023		each	1.0		
D.24	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	5.0		
D.25	Drainage Connection Pipe	CW 2130-R12	m	7.0		
D.26	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1.0		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1.0		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	1.0		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	1.0		
D.27	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1.0		
D.28	Removal of Existing Catch Basins	CW 2130-R12	each	2.0		
D.29	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2.0		
	ADJUSTMENTS					
D.30	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3.0		
D.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
D.32	Lifter Rings (AP-010)	CW 3210-R8				
i)	51 mm		each	1.0		
D.33	Adjustment of Valve Boxes	CW 3210-R8	each	4.0		
D.34	Adjustment of Curb Stop Boxes	CW 3210-R8	each	1.0		
D.35	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	1.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
D.36	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	225.0		
ii)	width > or = 600 mm		m ²	1000.0		
	MISCELLANEOUS					
D.37	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2.0		
D.38	Replace Existing Sprinkler Pipe	E12	m	5.0		
D	<u>NESS AVENUE - PEBBLEWOOD LANE TO STURGEON ROAD</u>				Subtotal:	

Name of Bidder

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>WHITEGATES CRESCENT - MAUREEN STREET TO BARRON DRIVE</u>					
	EARTH AND BASE WORKS					
E.1	Supplying and Placing Base Course Material	CW 3110-R19	m ³	10.0		
E.2	Grading of Boulevards	CW 3110-R19	m ²	2000.0		
	ROADWORKS - REMOVALS/RENEWALS					
E.3	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m ²	30.0		
E.4	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m ²	30.0		
ii)	150 mm Concrete Pavement (Type B)		m ²	20.0		
iii)	150 mm Concrete Pavement (Type C)		m ²	10.0		
iv)	150 mm Concrete Pavement (Type D)		m ²	30.0		
E.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	70.0		
E.6	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	165.0		
E.7	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	10.0		
E.8	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m ²	20.0		
E.9	Supply of Precast Sidewalk Blocks	CW 3235-R9	m ²	10.0		
E.10	Removal of Precast Sidewalk Blocks	CW 3235-R9	m ²	10.0		
E.11	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	85.0		
E.12	Concrete Curb Installation	CW 3240-R10				
ii)	Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	105.0		
iii)	Modified Lip Curb (40 mm reveal ht, Dowelled)	SD-202C	m	35.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.13	Concrete Curb Renewal	CW 3240-R10				
	a) Less than 3 m		m	5.0		
E.14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	25.0		
E.15	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
	i) Main Line Paving					
	a) Type IA		tonne	720.0		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	82.0		
E.16	Planing of Pavement	CW 3450-R6				
	i) 1 - 50 mm Depth (Asphalt)		m ²	260.0		
E.17	Pavement Repair Fabric	E10	m ²	575.0		
	JOINT AND CRACK SEALING					
E.18	Reflective Crack Maintenance	CW 3250-R7	m	780.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.19	Catch Basin	CW 2130-R12				
	i) SD-024, 1800 mm deep		each	3.0		
E.20	Catch Pit	CW 2130-R12				
	i) SD-023		each	5.0		
E.21	Sewer Service	CW 2130-R12				
	i) 250 mm, PVC					
	a) Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	15.0		
E.22	Drainage Connection Pipe	CW 2130-R12	m	20.0		
E.23	Frames & Covers	CW 3210-R8				
	i) AP-011 - Barrier Curb and Gutter Frame		each	2.0		
	ii) AP-012 - Barrier Curb and Gutter Cover		each	2.0		
E.24	Connecting to Existing Manhole	CW 2130-R12				
	i) 250 mm Catch Basin Lead		each	2.0		

Name of Bidder

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.25	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	5.0		
E.26	Removal of Existing Catch Basins	CW 2130-R12	each	1.0		
E.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	7.0		
E.28	Plugging Existing Sewers and Sewer Services Smaller Than 300 Millimeters	CW 2130-R12	each	1.0		
ADJUSTMENTS						
E.29	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	1.0		
E.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
E.31	Adjustment of Valve Boxes	CW 3210-R8	each	1.0		
E.32	Adjustment of Curb and Gutter Frames	CW 3210-R8	each	2.0		
LANDSCAPING						
E.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	200.0		
ii)	width > or = 600 mm		m ²	1800.0		
MISCELLANEOUS						
E.34	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2.0		
E.35	Replace Existing Sprinkler Pipe	E12	m	5.0		
E	<u>WHITEGATES CRESCENT - MAUREEN STREET TO BARRON DRIVE</u>				Subtotal:	

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>WATER AND WASTE WORK</u>					
	DOWKER AVE - WATERMAIN AND WATER SERVICES INSULATION					
F.1	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	305.0		
	DOWKER AVE - SEWER REPAIR (MA60017399)					
F.2	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	375mm					
a)	Class 3 Backfill		each	1.0		
F.3	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	375 mm, Land Drainage Sewer		m	41.0		
	DOWKER AVE - SEWER REPAIR (MA60017467)					
F.4	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	375mm					
a)	Class 3 Backfill		each	2.0		
F.5	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	375 mm, Land Drainage Sewer		m	27.0		
	DOWKER AVE - SEWER REPAIR (MA60017648)					
F.6	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	375mm					
a)	Class 3 Backfill		each	2.0		
F.7	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	375 mm, Land Drainage Sewer		m	46.0		
	DOWKER AVE - SEWER REPAIR (MA60017513)					
F.8	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	600 mm					
a)	Class 3 Backfill		each	1.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.9	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12, E17				
i)	600 mm					
a)	Class 3 Backfill		m	3.0		
F.10	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	600 mm, Land Drainage Sewer		m	106.0		
DOWKER AVE - SEWER REPAIR (MA60017509)						
F.11	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	300 mm					
a)	Class 3 Backfill		each	1.0		
F.12	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	300 mm,Waste Water Sewer		m	96.0		
DOWKER AVE - SEWER REPAIR (MA60017462)						
F.13	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	200 mm					
a)	Class 3 Backfill		each	1.0		
F.14	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	200 mm, Waste Water Sewer		m	37.0		
MAUREEN ST - SEWER REPAIR (MA20003455)						
F.15	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	450 mm					
a)	Class 3 Backfill		each	1.0		

FORM B (R1): PRICES
(SEE B10)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.16	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	450 mm, Land Drainage Sewer		m	61.0		
	MULVEY AVE - WATERMAIN AND WATER SERVICES INSULATION					
F.17	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	250.0		
	MAUREEN ST - SEWER REPAIR (MA20002889)					
F.18	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	375mm					
a)	Class 3 Backfill		each	1.0		
F.19	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	375 mm, Land Drainage Sewer		m	111.0		
	WHITEGATES CRES - SEWER REPAIR (MA2003343)					
F.20	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12, E17				
i)	375mm					
a)	Class 3 Backfill		each	2.0		
F.21	Sewer Inspection (following repair)	CW 2145-R4, E17				
i)	375 mm, Land Drainage Sewer		m	91.0		
F	<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						
(See B10.5, B18.2.1, B19.6, D2, D14.2-3, D15.4)						
G	<u>MULVEY AVENUE - LILAC STREET TO ARBUTHNOT STREET, STREET LIGHTING</u>					
G.1	Removal of 15' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances	E15	each	4.0		
G.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E15	lin.m	160.0		
G.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E15	each	4.0		
G.4	Installation of one (1) 10' ground rod at every 3rd street light, at the end of every street light circuit and anywhere else as shown on the design drawings. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E15	each	2.0		
G.5	Splicing #4 Al C/N or 2 single conductor street light cables.	E15	set	2.0		
G.6	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary Overhead Feed.	E15	per span	160.0		
G.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary Overhead Feed.	E15	per span	160.0		
G.8	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E15	each	2.0		
G	<u>MULVEY AVENUE - LILAC STREET TO ARBUTHNOT STREET, 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>DOWKER AVENUE - PEMBINA HIGHWAY TO EAST LEG OF CROWSON BAY</u>				Subtotal:	
B	<u>MAUREEN STREET - ASSINIBOINE AVENUE TO BARRON DRIVE</u>				Subtotal:	
C	<u>MULVEY AVENUE - LILAC STREET TO ARBUTHNOT STREET</u>				Subtotal:	
D	<u>NESS AVENUE - PEBBLEWOOD LANE TO STURGEON ROAD</u>				Subtotal:	
E	<u>WHITEGATES CRESCENT - MAUREEN STREET TO BARRON DRIVE</u>				Subtotal:	
F	<u>WATER AND WASTE WORK</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO (See B10.5, B18.2.1, B19.6, D2, D14.2-3, D15.4)						
G	<u>MULVEY AVENUE - LILAC STREET TO ARBUTHNOT STREET, STREET LIGHTING</u>				Subtotal:	
(total price) PART 2						
TOTAL BID PRICE (GST extra)			(in figures)		_____	

Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B14)

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. 59-2019_Addendum_1

2019 Street Renewal Program: Dowker Avenue, Mulvey Avenue and Various 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 B14)

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)

_____ of
(Place)

the Bidder to you on _____, 20____ for

TENDER NO. 59-2019_Addendum_1

2019 STREET RENEWAL PROGRAM: DOWKER AVENUE, MULVEY AVENUE AND VARIOUS 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)