

FORM A: BID
(See B8)

1. Contract Title 2017 Industrial Streets Package - St. Matthews Avenue, Bournais Drive 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 B12.1, the Bidder encloses bid security in the form of:

(Choose one)

- a bid bond (Form G1: Bid Bond and Agreement to Bond)
- an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
- a certified cheque or draft

and agrees that it shall be held by the City in accordance with the Contract.

7. Execution of Contract The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.

8. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.

9. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

10. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.		Dated	
_____		_____	_____
_____		_____	_____
_____		_____	_____

11. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

12. Signatures

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

_____ day of _____, 20_____.

Signature of Bidder or
Bidder's Authorized Official or Officials

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

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

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	<u>BOURNAIS DRIVE - CN REDDITT RAIL LINE TO DUGALD ROAD - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19	m ³	3,230		
A.2	Hydro-Excavation	E12	hours	24		
A.3	Sub-Grade Compaction	CW 3110-R19	m ²	4,340		
A.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1,720		
ii)	150 mm		tonne	5,160		
A.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	360		
A.6	Grading of Boulevards	CW 3110-R19	m ²	3,170		
A.7	Imported Fill Material	CW 3110-R19	m ³	330		
A.8	Separation Geotextile Fabric	CW 3130-R4	m ²	4,340		
A.9	Supply and Install Geogrid	CW 3135-R1	m ²	1,310		
	ROADWORK - REMOVALS/RENEWALS					
A.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	4,100		
ii)	Asphalt Pavement		m ²	250		
A.11	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	135		
A.12	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	880		
A.13	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	10		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.14	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
	i) 100 mm Sidewalk	SD-228A				
	a) Greater than 20 sq.m.		m ²	550		
A.15	Detectable Warning Surface Tiles	CW 3326-R3	each	10		
ROADWORK - NEW CONSTRUCTION						
A.16	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
	i) Construction of 200 mm Concrete Pavement (Reinforced)		m ²	3,660		
	ii) Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	90		
	iii) Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
A.17	Concrete Pavements for Early Opening	CW 3310-R17				
	i) Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	280		
A.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
	i) Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	940		
	ii) Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	40		
	iii) Construction of Splash Strip, (Separate, 600 mm width)	SD-223B	m	65		
A.19	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
	i) Main Line Paving					
	a) Type IA		tonne	135		
	ii) Tie-ins and Approaches					
	a) Type IA		tonne	25		
JOINT AND CRACK SEALING						
A.20	Reflective Crack Maintenance	CW 3250-R7	m	100		

 Name of Bidder

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.21	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	2		
A.22	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	4		
A.23	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	20		
A.24	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1		
A.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
A.26	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 450 mm (Type Concrete) Sewer		each	3		
A.27	Installation of Subdrains	CW 3120-R4	m	50		
	ADJUSTMENTS					
A.28	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		
A.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
A.30	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	2		

 Name of Bidder

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	64 mm		each	1		
iv)	76 mm		each	1		
A.31	Adjustment of Valve Boxes	CW 3210-R8	each	3		
A.32	Valve Box Extensions	CW 3210-R8	each	3		
A.33	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
A.34	Adjustment of Traffic Signal Service Box Frames	CW 3210-R8	each	3		
LANDSCAPING						
A.35	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	500		
ii)	width > or = 600 mm		m ²	2,670		
MISCELLANEOUS						
A.36	Remove Existing Rail Crossing	E18	each	1		
A	<u>BOURNAIS DRIVE - CN REDDITT RAIL LINE TO DUGALD ROAD - CONCRETE RECONSTRUCTION</u>				Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>BEGHIN AVENUE - DUGALD ROAD TO DE BAETS STREET - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R19	m ³	4,890		
B.2	Hydro-Excavation	E12	hours	12		
B.3	Sub-Grade Compaction	CW 3110-R19	m ²	6,295		
B.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2,720		
ii)	150 mm		tonne	7485		
B.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	550		
B.6	Grading of Boulevards	CW 3110-R19	m ²	3,230		
B.7	Imported Fill Material	CW 3110-R19	m ³	250		
B.8	Separation Geotextile Fabric	CW 3130-R4	m ²	6,295		
B.9	Supply and Install Geogrid	CW 3135-R1	m ²	1,890		
	ROADWORK - REMOVALS/RENEWALS					
B.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	6,295		
B.11	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	225		
B.12	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	970		
B.13	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	20		
b)	Greater than 20 sq.m.		m ²	330		

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B14	Detectable Warning Surface Tiles	CW 3326-R3	each	10		
ROADWORK - NEW CONSTRUCTION						
B.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	5,800		
ii)	Construction of Concrete Median Slabs	SD-227A	m ²	50		
iii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	140		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
B.16	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	165		
B.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	1,005		
ii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	50		
iii)	Construction of Splash Strip, (Separate, 600 mm width)	SD-223B	m	135		
B.18	100 mm Concrete Sidewalk	CW 3325-R5	m ²	320		
B.19	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
JOINT AND CRACK SEALING						
B.20	Reflective Crack Maintenance	CW 3250-R7	m	20		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
B.21	Remove and Replace Existing Catch Basin	CW 2130-R12				

 Name of Bidder

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	SD-024		each	5		
ii)	SD-025		each	1		
B.22	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	45		
B.23	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	4		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	4		
B.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
B.25	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 900 mm (Type Conc) Sewer		each	2		
B.26	Installation of Subdrains	CW 3120-R4	m	75		
	ADJUSTMENTS					
B.27	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	4		
B.28	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	2		
B.29	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	1		
iii)	64 mm		each	1		
iv)	76 mm		each	1		
B.30	Adjustment of Valve Boxes	CW 3210-R8	each	2		
B.31	Valve Box Extensions	CW 3210-R8	each	2		

 Name of Bidder

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.32	Adjustment of Curb Stop Boxes	CW 3210-R8	each	3		
B.33	Adjustment of Traffic Signal Service Box Frames	CW 3210-R8	each	3		
LANDSCAPING						
B.34	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	800		
ii)	width > or = 600 mm		m ²	3,430		
MISCELLANEOUS						
B.35	Tree Removal	CW 3010-R4 E11	each	6		
B	<u>BEGHIN AVENUE - DUGALD ROAD TO DE BAETS STREET - CONCRETE RECONSTRUCTION</u>				Subtotal:	

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>DE BAETS STREET - BEGHIN AVENUE TO PAQUIN ROAD - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m ³	3,720		
C.2	Hydro-Excavation	E12	hours	12		
C.3	Sub-Grade Compaction	CW 3110-R19	m ²	4,970		
C.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1,970		
ii)	150 mm		tonne	5905		
C.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	425		
C.6	Grading of Boulevards	CW 3110-R19	m ²	4,300		
C.7	Imported Fill Material	CW 3110-R19	m ³	265		
C.8	Separation Geotextile Fabric	CW 3130-R4	m ²	4,970		
C.9	Supply and Install Geogrid	CW 3135-R1	m ²	1,500		
	ROADWORK - REMOVALS/RENEWALS					
C.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	4,970		
C.11	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
C.12	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	540		
C.13	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m ²	40		
b)	Greater than 20 sq.m.		m ²	325		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.14	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	5		
ROADWORK - NEW CONSTRUCTION						
C.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	4,100		
C.16	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	750		
C.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	745		
ii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	40		
C.18	100 mm Concrete Sidewalk	CW 3325-R5	m ²	150		
JOINT AND CRACK SEALING						
C.19	Reflective Crack Maintenance	CW 3250-R7	m	5		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.20	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	5		
ii)	SD-025		each	1		
C.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	30		
C.22	Frames & Covers	CW3210-R8				

 Name of Bidder

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		
C.23	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	4		
C.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 600 mm (Type Conc) Sewer		each	2		
C.25	Installation of Subdrains	CW 3120-R4	m	75		
ADJUSTMENTS						
C.26	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	4		
C.27	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	2		
C.28	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	1		
iii)	64 mm		each	1		
iv)	76 mm		each	1		
C.29	Adjustment of Valve Boxes	CW 3210-R8	each	2		
C.30	Valve Box Extensions	CW 3210-R8	each	2		
C.31	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
LANDSCAPING						
C.32	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	500		
ii)	width > or = 600 mm		m ²	3,800		
C	<u>DE BAETS STREET - BEGHIN AVENUE TO PAQUIN ROAD - CONCRETE RECONSTRUCTION</u>				Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>PAQUIN ROAD - DE BAETS STREET TO PAQUIN ROAD SOUTH LEG - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m ³	2,220		
D.2	Hydro-Excavation	E12	hours	10		
D.3	Sub-Grade Compaction	CW 3110-R19	m ²	2,910		
D.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1,150		
ii)	150 mm		tonne	3460		
D.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	280		
D.6	Grading of Boulevards	CW 3110-R19	m ²	2,910		
D.7	Imported Fill Material	CW 3110-R19	m ³	100		
D.8	Separation Geotextile Fabric	CW 3130-R4	m ²	2,910		
D.9	Supply and Install Geogrid	CW 3135-R1	m ²	880		
	ROADWORK - REMOVALS/RENEWALS					
D.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	2,910		
ii)	Asphalt Pavement		m ²	25		
D.11	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
D.12	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	500		
D.13	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	5		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORK - NEW CONSTRUCTION					
D.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	2,180		
D.15	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	660		
D.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	420		
ii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	25		
D.17	100 mm Concrete Sidewalk	CW 3325-R5	m ²	370		
	JOINT AND CRACK SEALING					
D.18	Reflective Crack Maintenance	CW 3250-R7	m	5		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.19	Catch Basin	CW 2130-R12				
ii)	SD-025, 1800 mm deep		each	2		
D.20	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	2		
ii)	SD-025		each	1		
D.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	55		
D.22	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	3		

 Name of Bidder

FORM B(R1): PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	3		
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	2		
D.25	Installation of Subdrains	CW 3120-R4	m	50		
ADJUSTMENTS						
D.26	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
D.27	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
D.28	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	1		
iii)	64 mm		each	1		
iv)	76 mm		each	1		
D.29	Adjustment of Valve Boxes	CW 3210-R8	each	3		
D.30	Valve Box Extensions	CW 3210-R8	each	3		
D.31	Adjustment of Curb Stop Boxes	CW 3210-R8	each	2		
LANDSCAPING						
D.32	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	500		
ii)	width > or = 600 mm		m ²	2,910		
D	<u>PAQUIN ROAD - DE BAETS STREET TO PAQUIN ROAD SOUTH LEG - CONCRETE RECONSTRUCTION</u>					
					Subtotal:	

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>ST. MATTHEWS AVENUE - FERRY STREET TO BERRY STREET - CONCRETE RECONSTRUCTION</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m ³	6400		
E.2	Hydro-Excavation	E12	hours	25		
E.3	Sub-Grade Compaction	CW 3110-R19	m ²	12400		
E.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3760		
ii)	100 mm		tonne	8740		
E.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	920		
E.6	Grading of Boulevards	CW 3110-R19	m ²	1625		
E.7	Imported Fill Material	CW 3110-R19	m ³	75		
E.8	Separation Geotextile Fabric	CW 3130-R4	m ²	11100		
E.9	Supply and Install Geogrid	CW 3135-R1	m ²	3300		
	ROADWORK - REMOVALS/RENEWALS					
E.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	9800		
ii)	Asphalt Pavement		m ²	6150		
E.11	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	370		
E.12	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	370		
E.13	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	750		

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.14	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m ²	1800		
E.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	15		
b)	5 sq.m. to 20 sq.m.		m ²	15		
c)	Greater than 20 sq.m.		m ²	25		
E.16	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
ii)	Modified Barrier (180 mm reveal ht, Dowelled)	SD-203B	m	5		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	5		
E.17	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	6		
E.18	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	60		
E.19	Construction of Asphalt Patches	CW 3410-R11	m ²	10		
E.20	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	150		
E.21	Detectable Warning Surface Tiles	CW 3326-R3	each	8		
ROADWORK - NEW CONSTRUCTION						
E.22	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled), Slipform Paving		m ²	8530		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	980		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled, Coloured)	E16	m ²	80		
iv)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	550		
v)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	1080		
vi)	Construction of Concrete Median Slabs	SD-227A	m ²	65		
E.23	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m ²	75		
ii)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	25		
E.24	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	710		
ii)	Construction of Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	150		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	200		
E.25	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	3900		
E.26	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	40		
JOINT AND CRACK SEALING						
E.27	Reflective Crack Maintenance	CW 3250-R7	m	60		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
E.28	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	1		
ii)	SD-025, 1800 mm deep		each	1		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.29	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
E.30	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	6		
E.31	Drainage Connection Pipe	CW 2130-R12	m	35		
E.32	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	2		
E.33	Installation of Subdrains	CW 3120-R4	m	120		
ADJUSTMENTS						
E.34	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		
E.35	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
E.36	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	2		
iii)	64 mm		each	1		
iv)	76 mm		each	1		
E.37	Adjustment of Valve Boxes	CW 3210-R8	each	15		
E.38	Adjustment of Curb Stop Boxes	CW 3210-R8	each	5		
LANDSCAPING						
E.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	330		
ii)	width > or = 600 mm		m ²	1140		
MISCELLANEOUS						
E.40	Supply and Installation of Inlaid Longitudinal Lane Line Marking Tape	E10	m	800		
E.41	Supply and Installation of CycleGrid® MMAX Marking	E15	m	35		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>ST. MATTHEWS AVENUE - FERRY STREET TO BERRY STREET - CONCRETE RECONSTRUCTION</u>				Subtotal:	

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<u>ST. MATTHEWS AVENUE - BERRY STREET TO KENSINGTON STREET - REHABILITATION</u>					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m ³	700		
F.2	Hydro-Excavation	E12	hours	35		
F.3	Sub-Grade Compaction	CW 3110-R19	m ²	1650		
F.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	240		
ii)	100 mm		tonne	560		
F.5	Supplying and Placing Base Course Material	CW 3110-R19	m ³	130		
F.6	Grading of Boulevards	CW 3110-R19	m ²	950		
F.7	Imported Fill Material	CW 3110-R19	m ³	50		
F.8	Separation Geotextile Fabric	CW 3130-R4	m ²	650		
F.9	Supply and Install Geogrid	CW 3135-R1	m ²	200		
	ROADWORK - REMOVALS/RENEWALS					
F.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	250		
F.11	Slab Replacement	CW 3230-R8				
i)	200 mm Concrete Pavement (Reinforced)		m ²	400		
F.12	Partial Slab Patches	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	50		
ii)	200 mm Concrete Pavement (Type B)		m ²	200		
iii)	200 mm Concrete Pavement (Type C)		m ²	50		

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iv)	200 mm Concrete Pavement (Type D)		m ²	55		
F.13	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	750		
F.14	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	550		
F.15	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	15		
c)	Greater than 20 sq.m.		m ²	140		
F.16	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Separate		m	2000		
F.17	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205	m	425		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	75		
iii)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229A,B,C	m	85		
F.18	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	5		
b)	3 m to 30 m		m	20		
F.19	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	770		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	60		
F.20	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	2600		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	50 - 100 mm Depth (Asphalt)		m ²	2600		
iii)	1 - 50 mm Depth (Concrete)		m ²	300		
F.21	Pavement Repair Fabric	E15	m ²	750		
F.22	Detectable Warning Surface Tiles	CW 3326-R3	each	4		
ROADWORK - NEW CONSTRUCTION						
F.23	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m ²	600		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled, Coloured)	E16	m ²	40		
iii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	650		
iv)	Construction of Concrete Safety Medians	SD-226B	m ²	60		
v)	Construction of Concrete Median Slabs	SD-227A	m ²	50		
JOINT AND CRACK SEALING						
F.24	Longitudinal Joint & Crack Filling (> 25 mm in width)	CW 3250-R7	m	150		
F.25	Reflective Crack Maintenance	CW 3250-R7	m	1300		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
F.26	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024		each	4		
F.27	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023		each	2		
F.28	Drainage Connection Pipe	CW 2130-R12	m	38		
F.29	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	2		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	2		
v)	AP-012 - Barrier Curb and Gutter Cover		each	2		
F.30	Installation of Subdrains	CW 3120-R4	m	50		
ADJUSTMENTS						
F.31	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		
F.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
F.33	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	1		
iii)	64 mm		each	1		
iv)	76 mm		each	1		
F.34	Adjustment of Valve Boxes	CW 3210-R8	each	6		
F.35	Adjustment of Curb Stop Boxes	CW 3210-R8	each	6		
LANDSCAPING						
F.36	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	300		
ii)	width > or = 600 mm		m ²	580		
MISCELLANEOUS						
F.37	Supply and Installation of Inlaid Longitudinal Lane Line Marking Tape	E10	m	450		
F.38	Supply and Installation of CycleGrid® MMAX Marking	E15	m	60		
F	<u>ST. MATTHEWS AVENUE - BERRY STREET TO KENSINGTON STREET - REHABILITATION</u>				Subtotal:	

 Name of Bidder

FORM B(R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>BOURNAIS DRIVE - CN REDDITT RAIL LINE TO DUGALD ROAD - CONCRETE RECONSTRUCTION</u>				Subtotal:	
B	<u>BEGHIN AVENUE - DUGALD ROAD TO DE BAETS STREET - CONCRETE RECONSTRUCTION</u>				Subtotal:	
C	<u>DE BAETS STREET - BEGHIN AVENUE TO PAQUIN ROAD - CONCRETE RECONSTRUCTION</u>				Subtotal:	
D	<u>PAQUIN ROAD - DE BAETS STREET TO PAQUIN ROAD SOUTH LEG - CONCRETE RECONSTRUCTION</u>				Subtotal:	
E	<u>ST. MATTHEWS AVENUE - FERRY STREET TO BERRY STREET - CONCRETE RECONSTRUCTION</u>				Subtotal:	
F	<u>ST. MATTHEWS AVENUE - BERRY STREET TO KENSINGTON STREET - REHABILITATION</u>				Subtotal:	
TOTAL BID PRICE (GST extra)					(in figures)	_____

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B12)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

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

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 529-2017

2017 Industrial Streets Package - St. Matthews Avenue, Bournais Drive and Various Other Locations

as more fully set out in the Bid Opportunity.

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

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

_____ day of _____, 20_____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

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

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)
(See B12)

AGREEMENT TO BOND

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

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

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 529-2017

2017 Industrial Streets Package - St. Matthews Avenue, Bournais Drive and Various Other Locations

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

It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within sixty (60) Calendar Days following the Submission Deadline.

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

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

(Name of Surety)

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

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

(Date)

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

RE: BID SECURITY – BID OPPORTUNITY NO. 529-2017

2017 Industrial Streets Package - St. Matthews Avenue, Bournais Drive and Various Other
Locations

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

(Name of Bidder)

(Address of Bidder)

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

Canadian dollars.

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

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

Partial drawings are permitted.

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

(Address)

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

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

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

This Standby Letter of Credit will expire on September 3, 2017.

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)