

FORM A: BID
(See B8)

1. Contract Title 2019/2020 Regional Street Renewal Program- Fermor Avenue From Lagimodiere Boulevard to Plessis Road (City Boundary), Asphalt Reconstruction

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: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1 CITY FUNDED WORK						
A	<u>Fermor Avenue - West of Lagimodiere Boulevard up to and including Lagimodiere Boulevard Intersection (Rehabilitation and Widening)</u>					
EARTH AND BASE WORKS						
A.1	Excavation	CW 3110-R20, E12	m ³	3100		
A.2	Sub-Grade Compaction	CW 3110-R20, E12	m ²	6300		
A.3	Crushed Sub-base Material	CW 3110-R20, E12				
i)	50 mm - Limestone		tonne	2100		
ii)	100 mm - Limestone		tonne	4400		
A.4	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	475		
A.5	Removal of Existing Concrete Bases	CW 3110-R20				
i)	600 mm Diameter or Less		each	11		
A.6	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	5100		
A.7	Supply and Install Geogrid	CW 3135-R2, E12	m ²	4150		
A.8	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m ³	175		
A.9	Construction of French Drains	E15	each	7		
ROADWORKS - RENEWALS						
A.10	Pavement Removal	CW 3110-R20				
i)	Concrete Pavement		m ²	1300		
ii)	Asphalt Pavement		m ²	1800		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.11	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	200 mm Concrete Pavement (Type A)		m ²	10		
ii)	200 mm Concrete Pavement (Type B)		m ²	100		
iii)	200 mm Concrete Pavement (Type C)		m ²	25		
iv)	200 mm Concrete Pavement (Type D)		m ²	25		
A.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	125		
A.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	15		
ii)	20 M Deformed Tie Bar		each	400		
A.14	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Median Slab		m ²	410		
ii)	Bullnose		m ²	5		
A.15	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	45		
ii)	Curb Ramp		m	15		
iii)	Splash Strip Monolithic		m	110		
A.16	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	9000		
ii)	50 - 100 mm Depth (Asphalt)		m ²	2600		
A.17	Detectable Warning Surface Tiles	CW 3326-R3	each	4		

 Name of Bidder

FORM B: PRICES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
A.18	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	320		
ii)	Construction of Concrete Median Slabs	SD-227A	m ²	240		
iii)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	25		
A.19	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	600		
A.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17, E17				
i)	Barrier (150 mm ht, Dowelled)	SD-205	m	50		
ii)	Barrier (180 mm ht, Integral)	SD-204	m	40		
iii)	Curb and Gutter (180 mm reveal ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	35		
iv)	Construction of Mountable Curb and Gutter (120 mm ht.)		m	125		
v)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C	m	12		
vi)	Splash Curb for Asphaltic Concrete Pavement (100 mm ht, Barrier Curb, 750 mm width)		m	40		
vii)	Splash Curb for Asphaltic Concrete Pavement (150 mm ht, Barrier Curb, 750 mm width)		m	410		
viii)	Splash Strip, (Separate, 600 mm width)	SD-223B	m	70		
A.21	100 mm Concrete Sidewalk c/w Paving Stone Band (Paving Stone Band Paid Separately)	CW 3325-R5	m ²	35		
A.22	Interlocking Paving Stones	CW 3335-R1, E14				
i)	Banding Strip		m ²	5		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.23	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	940		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	330		
A.24	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R12	tonne	940		
	JOINT AND CRACK SEALING					
A.25	Reflective Crack Maintenance	CW 3250-R7	m	3250		
	ADJUSTMENTS					
A.26	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	4		
A.27	Adjustment of Traffic Signal Service Box Frames	CW 3210-R8	each	6		
A.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		
A	<u>Fermor Avenue - West of Lagimodiere Boulevard up to and including Lagimodiere Boulevard Intersection (Rehabilitation and Widening)</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>E/B Fermor Avenue - East of Lagimodiere Boulevard (Asphalt Reconstruction and Widening)</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R20, E12	m ³	35000		
B.2	Hydro-Excavation	E13	hour	20		
B.3	Sub-Grade Compaction	CW 3110-R20, E12	m ²	18300		
B.4	Crushed Sub-base Material	CW 3110-R20, E12				
i)	50 mm - Limestone		tonne	9250		
ii)	100 mm - Limestone		tonne	32500		
B.5	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	2400		
B.6	Imported Fill Material	CW 3110-R20, E11	m ³	33000		
B.7	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	28000		
B.8	Supply and Install Geogrid	CW 3135-R2, E12	m ²	28000		
B.9	Preparation of Existing Ground Surface	CW 3170-R3	m ²	13500		
B.10	Construction of French Drains	E15	each	23		
	ROADWORKS - RENEWALS					
B.11	Pavement Removal	CW 3110-R20				
i)	Concrete Pavement		m ²	5000		
ii)	Asphalt Pavement		m ²	5600		
B.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25		
B.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	25		
ii)	20 M Deformed Tie Bar		each	25		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.14	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Median Slab		m ²	750		
B.15	Detectable Warning Surface Tiles	CW 3326-R3	each	4		
B.16	Remove and Salvage Existing Crash Attenuation Unit	E10	each	1		
ROADWORKS - NEW CONSTRUCTION						
B.17	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	40		
ii)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	5		
B.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17, E17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	35		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	270		
iii)	Construction of Mountable Curb and Gutter (120 mm ht.)		m	1670		
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	12		
v)	Construction of Curb Ramp (8-12 mm ht, Monolithic)	SD-229C	m	7		
vi)	Construction of Splash Strip, (Separate, 600 mm width)	SD-223B	m	1640		
B.19	100 mm Concrete Sidewalk	CW 3325-R5	m ²	70		
B.20	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	3150		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	170		
B.21	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R12	tonne	7750		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.22	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R7	m	3500		
B	<u>E/B Fermor Avenue - East of Laqimodiene Boulevard (Asphalt Reconstruction and Widening)</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>W/B Fermor Avenue - East of Lagimodiere Boulevard (Asphalt Reconstruction)</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R20, E12	m ³	21000		
C.2	Hydro-Excavation	E13	hour	20		
C.3	Sub-Grade Compaction	CW 3110-R20, E12	m ²	34500		
C.4	Crushed Sub-base Material	CW 3110-R20, E12				
i)	50 mm - Limestone		tonne	8750		
ii)	100 mm - Limestone		tonne	30500		
C.5	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	2150		
C.6	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	28500		
C.7	Supply and Install Geogrid	CW 3135-R2, E12	m ²	27500		
C.8	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m ³	1550		
C.9	Construction of French Drains	E15	each	23		
	ROADWORKS - RENEWALS					
C.10	Pavement Removal	CW 3110-R20				
i)	Concrete Pavement		m ²	28800		
ii)	Asphalt Pavement		m ²	925		
C.11	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25		
C.12	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	30		
ii)	20 M Deformed Tie Bar		each	175		

 Name of Bidder

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.13	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Median Slab		m ²	860		
C.14	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	105		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	70		
C.15	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	650		
C.16	Detectable Warning Surface Tiles	CW 3326-R3	each	8		
ROADWORKS - NEW CONSTRUCTION						
C.17	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	1080		
ii)	Construction of Concrete Median Slabs	SD-227A	m ²	680		
iii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	25		
iv)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	55		

 Name of Bidder

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17, E17				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	55		
ii)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	175		
iii)	Construction of Mountable Curb w/ Asphalt Overlay (120 mm ht., Dowelled)		m	25		
iv)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	35		
v)	Construction of Mountable Curb and Gutter (120 mm ht.)		m	1650		
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	15		
vii)	Construction of Curb Ramp (8-12 mm ht, Monolithic)	SD-229C	m	12		
viii)	Construction of Splash Strip, (Separate, 600 mm width)	SD-223B	m	1530		
C.19	Construction of Concrete Median Barrier	E16				
i)	F-Shaped Barrier		m	50		
ii)	Transition Barrier		m	10		
C.20	100 mm Concrete Sidewalk	CW 3325-R5	m ²	10		
C.21	100 mm Concrete Sidewalk c/w Paving Stone Band (Paving Stone Band Paid Separately)	CW 3325-R5	m ²	70		
C.22	Interlocking Paving Stones	CW 3335-R1, E14				
i)	Banding Strip		m ²	5		
C.23	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	3150		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	70		
C.24	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R12	tonne	7400		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.25	JOINT AND CRACK SEALING Reflective Crack Maintenance	CW 3250-R7	m	3250		
C.26	ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	1		
C	<u>W/B Fermor Avenue - East of Lagimodiere Boulevard (Asphalt Reconstruction)</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<i>Royal Mint Drive Extension (Concrete Construction)</i>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R20, E12	m ³	1550		
D.2	Sub-Grade Compaction	CW 3110-R20, E12	m ²	2600		
D.3	Crushed Sub-base Material	CW 3110-R20, E12				
i)	50 mm - Limestone		tonne	1875		
D.4	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	205		
D.5	Imported Fill Material	CW 3110-R20, E11	m ³	85		
D.6	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	2600		
D.7	Supply and Install Geogrid	CW 3135-R2, E12	m ²	2600		
D.8	Preparation of Existing Roadway	CW 3150-R4	m ²	100		
D.9	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	35		
	ROADWORK - REMOVALS/RENEWALS					
D.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	30		
D.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	50		
D.12	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	15		

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
D.13	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	1750		
ii)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	10		
D.14	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m ²	530		
D.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	350		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	75		
iii)	Construction of Splash Strip, (Separate, 600 mm width)	SD-223B	m	85		
D	<u>Royal Mint Drive Extension (Concrete Construction)</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>Dawson Road South (Concrete Construction)</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R20, E12	m ³	500		
E.2	Sub-Grade Compaction	CW 3110-R20, E12	m ²	900		
E.3	Crushed Sub-base Material	CW 3110-R20, E12				
i)	50 mm - Limestone		tonne	620		
E.4	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	70		
E.5	Imported Fill Material	CW 3110-R20, E11	m ³	450		
E.6	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	900		
	ROADWORKS - RENEWALS					
E.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
E.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	40		
E.9	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	35		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
E.10	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	825		
ii)	Construction of Concrete Median Slabs	SD-227A	m ²	120		
iii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	25		
iv)	Construction of Concrete Safety Medians	SD-226B	m ²	20		
v)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	20		
E.11	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	90		
E	<u>Dawson Road South (Concrete Construction)</u>				Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	<i>Easterly Entrance to Development (Concrete Construction)</i>					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R20, E12	m ³	360		
F.2	Sub-Grade Compaction	CW 3110-R20, E12	m ²	625		
F.3	Crushed Sub-base Material	CW 3110-R20, E12				
i)	50 mm - Limestone		tonne	430		
F.4	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	50		
F.5	Imported Fill Material	CW 3110-R20, E11	m ³	625		
F.6	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	625		
	ROADWORKS - RENEWALS					
F.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	50		
F.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	30		
F.9	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	15		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
F.10	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	550		
ii)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	15		
F.11	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	145		
ii)	Construction of Splash Strip, (Separate, 600 mm width)	SD-223B	m	85		
F	<u>Easterly Entrance to Development (Concrete Construction)</u>				Subtotal:	

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
G	<u>Multi-use Path (Asphalt Construction)</u>						
	EARTH AND BASE WORKS						
G.1	Excavation	CW 3110-R20, E12	m ³	480			
G.2	Sub-Grade Compaction	CW 3110-R20, E12	m ²	1550			
G.3	Crushed Sub-base Material	CW 3110-R20, E12					
i)	50 mm - Limestone		tonne	560			
G.4	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	120			
G.5	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	1550			
	ROADWORKS - RENEWALS						
G.6	Detectable Warning Surface Tiles	CW 3326-R3	each	4			
G.7	Remove Existing Signs and Barricades	E10	LS	1			
	ROADWORKS - NEW CONSTRUCTION						
G.8	100 mm Concrete Sidewalk	CW 3325-R5	m ²	12			
G.9	Construction of Asphaltic Concrete Pavements	CW 3410-R12					
i)	Main Line Paving						
a)	Type IA		tonne	250			
ii)	Tie-ins and Approaches						
a)	Type IA		tonne	30			
G	<u>Multi-use Path (Asphalt Construction)</u>					Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H	<u>Underground Works</u>					
Fermor Avenue - West of Lagimodiere Boulevard up to and including Lagimodiere Boulevard Intersection						
H.1	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		
H.2	Catch Pit	CW 2130-R12		3		
H.3	Sewer Service	CW 2130-R12				
i)	250 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	5		
ii)	300 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	40		
H.4	Drainage Connection Pipe	CW 2130-R12	m	8		
H.5	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-008 - Standard Grated Cover for Standard Frame		each	3		
iii)	AP-015 - Mountable Curb and Gutter Frame		each	1		
iv)	AP-016 - Mountable Curb and Gutter Cover		each	1		
H.6	Connecting to Existing Manhole	CW 2130-R12				
i)	300 mm Catch Basin Lead		each	1		
H.7	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
H.8	Connecting to Existing Sewer	CW 2130-R12				
i)	300 mm PVC Connecting Pipe					
a)	Connecting to 375 mm Conc LDS		each	1		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.9	Removal of Existing Catch Basins	CW 2130-R12	each	6		
H.10	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2		
H.11	Catch Basin Cleaning	CW 2140-R4	each	1		
H.12	Installation of Subdrains	CW 3120-R4	m	36		
H.13	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5				
i)	(250 mm, 1.6 gauge, Galvanized)		m	10		
H.14	Corrugated Steel Pipe Culvert - Install	CW 3610-R5, E20				
i)	(250 mm, 1.6 gauge, Galvanized)		m	10		
H.15	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or Under Pavement)		each	6		
H.16	Removal of Existing Culverts	CW 3610-R5	m	7		
E/B Fermor Avenue - East of Lagimodiere Boulevard						
H.17	Catch Basin	CW 2130-R12, E19				
i)	SD-024, 1800 mm deep		each	1		
ii)	SD-025, 1800 mm deep c/w Ditch Inlet Grate		each	5		
H.18	Catch Pit	CW 2130-R12		1		
H.19	Installation of New Pipe Manhole	CW 2130-R12				
i)	SD-011					
a)	1500 mm		vert. m	2.1		
H.20	Drainage Connection Pipe	CW 2130-R12	m	8		
H.21	Connecting to Existing Manhole	CW 2130-R12				
i)	300 mm Catch Basin Lead		each	1		
H.22	Removal of Existing Catch Basins	CW 2130-R12	each	1		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.23	Abandoning Existing Drainage Inlets	CW 2130-R12	each	1		
H.24	Installation of Subdrains	CW 3120-R4	m	12		
H.25	Precast Concrete Pipe Culvert - Supply	CW 3610-R5				
i)	1050mm, C76 CL3		m	30		
H.26	Precast Concrete Pipe Culvert - Install	CW 3610-R5, E20				
i)	1050mm, C76 CL3					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	30		
H.27	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5				
i)	(450 mm, 1.6 gauge, Galvanized)		m	165		
ii)	(600 mm, 1.6 gauge, Galvanized)		m	20		
iii)	(1050 mm, 2.0 gauge, Galvanized)		m	125		
H.28	Corrugated Steel Pipe Culvert - Install	CW 3610-R5, E20				
i)	(450 mm, 1.6 gauge, Galvanized)		m	165		
ii)	(600 mm, 1.6 gauge, Galvanized)		m	20		
iii)	(1050 mm, 2.0 gauge, Galvanized)		m	125		
H.29	Abandoning Existing Sewer Services Under Pavement					
i)	Existing Catch Basin Leads (250 mm or Under Pavement)		each	1		
H.30	Removal of Existing Culverts	CW 3610-R5	m	175		
H.31	Plugging and Abandoning of Existing Pipe Culverts	CW 3610-R5	m ³	5		
H.32	Grouted Stone Riprap	CW 3615-R4	m ³	50		
H.33	Installation of Straw Wattle	E22	m	180		

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Royal Mint Drive and Multi-use Path						
H.34	Catch Basin	CW 2130-R12, E19				
i)	SD-024, 1800 mm deep		each	4		
ii)	SD-025, 1800 mm deep c/w Ditch Inlet Grate		each	1		
H.35	Catch Pit	CW 2130-R12		2		
H.36	Installation of New Manhole	CW 2130-R12				
i)	SD-010					
a)	1200 mm		vert. m	2.5		
ii)	SD-010					
a)	1800 mm		vert. m	3.2		
H.37	Land Drainage Sewers	CW 2130-R12, E21				
i)	375mm, PVC SDR-35 LDS					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	45		
b)	In a Trench, Class B Bedding with Sand, Class 5 Backfill		m	35		
H.38	Sewer Service	CW 2130-R12				
i)	250 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	32		
ii)	450 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	18		
H.39	Drainage Connection Pipe	CW 2130-R12	m	5		
H.40	Removal of Existing Catch Basins	CW 2130-R12	each	1		
H.41	Installation of Subdrains	CW 3120-R4	m	48		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.42	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5				
i)	(450 mm, 1.6 gauge, Galvanized)		m	35		
H.43	Corrugated Steel Pipe Culvert - Install	CW 3610-R5, E20				
i)	(450 mm, 1.6 gauge, Galvanized)		m	35		
H.44	Abandoning Existing Sewer Services Under Pavement					
i)	Existing Catch Basin Leads (250 mm or Under Pavement)		each	1		
H.45	Removal of Existing Culverts	CW 3610-R5	m	50		
W/B Fermor Avenue - East of Lagimodiere Boulevard						
H.46	Catch Basin	CW 2130-R12, E19				
i)	SD-024, 1800 mm deep		each	3		
ii)	SD-025, 1800 mm deep c/w Ditch Inlet Grate		each	1		
H.47	Catch Pit	CW 2130-R12		4		
H.48	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	5		
ii)	300 mm, PVC					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	20		
H.49	Drainage Connection Pipe	CW 2130-R12	m	8		
H.50	Frames & Covers	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-009 - Beehive Manhole Cover		each	1		
H.51	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.52	Removal of Existing Catch Basins	CW 2130-R12	each	1		
H.53	Abandoning Existing Drainage Inlets	CW 2130-R12	each	1		
H.54	Installation of Subdrains	CW 3120-R4	m	48		
H.55	Precast Concrete Pipe Culvert - Supply	CW 3610-R5				
i)	1050mm, C76 CL3		m	40		
H.56	Precast Concrete Pipe Culvert - Install	CW 3610-R5, E20				
i)	1050mm, C76 CL3					
a)	Trenchless Installation		m	40		
H.57	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5				
i)	(250 mm, 1.6 gauge, Galvanized)		m	10		
H.58	Corrugated Steel Pipe Culvert - Install	CW 3610-R5, E20				
i)	(250 mm, 1.6 gauge, Galvanized)		m	10		
H.59	Abandoning Existing Sewer Services Under Pavement					
i)	Existing Catch Basin Leads (250 mm or Under Pavement)		each	1		
H.60	Plugging and Abandoning of Existing Pipe Culverts	CW 3610-R5	m ³	8		
H.61	Removal of Existing Culverts	CW 3610-R5	m	26		
H.62	Grouted Stone Riprap	CW 3615-R4	m ³	35		
H.63	Installation of Straw Wattle	E22	m	150		
H	<u>Underground Works</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
I	<u>Construction Staging/Temporary Works</u>						
	EARTH AND BASE WORKS						
I.1	Excavation	CW 3110-R20, E12	m ³	975			
I.2	Sub-Grade Compaction	CW 3110-R20, E12	m ²	1700			
I.3	Crushed Sub-base Material	CW 3110-R20, E12					
i)	50 mm - Limestone		tonne	1250			
I.4	Supplying and Placing Limestone Base Course Material	CW 3110-R20, E12	m ³	135			
I.5	Geotextile Fabric (Separation/Filtration)	CW 3130-R5, E12	m ²	1700			
I.6	Supply and Install Geogrid	CW 3135-R2, E12	m ²	1700			
	ROADWORKS - RENEWALS						
I.7	Pavement Removal	CW 3110-R20					
i)	Temporary Asphalt Pavement		m ²	1700			
	ROADWORKS - NEW CONSTRUCTION						
I.8	Temporary Asphalt Curb	E18	m	200			
I.9	Construction of Asphaltic Concrete Pavements	CW 3410-R12					
i)	Tie-ins and Approaches						
a)	Type IA		tonne	310			
	MISCELLANEOUS						
I.10	Temporary East End Crossovers	E29	LS	1			
I	<u>Construction Staging/Temporary Works</u>					Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J	<u>Overhead Sign Structures/Signage and Roadside Protection</u>					
	OVERHEAD SIGN STRUCTURES/SIGNAGE					
J.1	Cast in Place Concrete Pile Foundations for Steel Overhead Sign Support Structures	E25				
i)	S792 - 915 mm Diameter Pile		each	2		
ii)	S793 - 915 mm Diameter Pile		each	2		
iii)	S794 - 762 mm Diameter Pile		each	1		
J.2	Supply and Installation of New Steel Overhead Sign Support Structures	E26				
i)	S792 - Fermor Avenue. EB; West of Lagimodiere Boulevard		each	1		
ii)	S793 - Fermor Avenue. EB; East of Lagimodiere Boulevard		each	1		
iii)	S794 - Dawson Road NB; South of Fermor Avenue		each	1		
J.3	Supply of Reflective Guide Sign Panels	E28				
i)	5.275 m x 2.438 m		each	2		
ii)	5.000 m x 2.438 m		each	4		
	ROADSIDE PROTECTION					
J.4	Installation of React 350 Crash Attenuator	E30	each	1		
J.5	Supply and Installation of Quadguard II Crash Attenuator	E30	each	4		
J	<u>Overhead Sign Structures/Signage and Roadside Protection</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K	<u>Landscaping</u>					
Fermor Avenue - West of Lagimodiere Boulevard up to and including Lagimodiere Boulevard Intersection						
K.1	Grading of Boulevards	CW 3110-R20	m ²	1500		
K.2	Ditch Grading	CW 3110-R20	m ²	5000		
K.3	Salt Tolerant Grass Seeding	E24	m ²	6500		
E/B Fermor Avenue - East of Lagimodiere Boulevard						
K.4	Grading of Boulevards	CW 3110-R20	m ²	400		
K.5	Ditch Grading	CW 3110-R20	m ²	2200		
K.6	Salt Tolerant Grass Seeding	E24	m ²	45000		
Royal Mint Drive and Multi-use Path						
K.7	Grading of Boulevards	CW 3110-R20	m ²	3250		
K.8	Ditch Grading	CW 3110-R20	m ²	6000		
K.9	Salt Tolerant Grass Seeding	E24	m ²	9250		
W/B Fermor Avenue - East of Lagimodiere Boulevard						
K.10	Grading of Boulevards	CW 3110-R20	m ²	675		
K.11	Ditch Grading	CW 3110-R20	m ²	10500		
K.12	Salt Tolerant Grass Seeding	E24	m ²	28500		
Easterly Entrance to Development						
K.13	Grading of Boulevards	CW 3110-R20	m ²	300		
K.14	Salt Tolerant Grass Seeding	E24	m ²	300		

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Tree Removals						
K.15	Clearing and Grubbing	CW 3010-R4	ha	0.250		
K.16	Tree Removal	E23				
i)	0 to 10 cm diameter		each	3		
ii)	11 to 30 cm diameter		each	3		
iii)	Over 30 in diameter		each	1		
K	<u>Landscaping</u>				Subtotal:	

 Name of Bidder

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
PART 2 MANITOBA HYDRO/PROVINCIALY FUNDED WORK							
(See B9.5, B17.2.1, B18.5, D2, D14.2-3, D15.5)							
L	<u>Installation of Street Light Concrete Bases, 50 mm Conduit, Ground Rods</u>						
2019/2020 Fermor Avenue - Lagimodiere Boulevard to Canadian Pacific Railway Bridge, Royal Mint Drive, and Adjacent to Multi-use Path							
L.1	Removal of Existing Concrete Bases	CW 3110-R20					
i)	600 mm Diameter or Less		each	46			
L.2	Installation of 179 Concrete Bases for 15' Decorative Lights	E32	each	8			
L.3	Installation of 236 Concrete Bases for 35' Street Light Davits	E32	each	3			
L.4	Installation of 243 Concrete Bases for 45' Street Light Davits	E32	each	50			
L.5	Installation of 418 Concrete Bases for 65' Straight Shaft Street Light	E32	each	2			
L.6	Installation of 50 mm Conduits(s) by Boring Method	E32	lin.m	4100			
L.7	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	E32	each	25			
L	<u>Installation of Street Light Concrete Bases, 50 mm Conduit, Ground Rods</u>					Subtotal:	

FORM B: PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1 CITY FUNDED WORK						
A	<u>Fermor Avenue - West of Lagimodiere Boulevard up to and including Lagimodiere Boulevard Intersection (Rehabilitation and Widening)</u>				Subtotal:	
B	<u>E/B Fermor Avenue - East of Lagimodiere Boulevard (Asphalt Reconstruction and Widening)</u>				Subtotal:	
C	<u>W/B Fermor Avenue - East of Lagimodiere Boulevard (Asphalt Reconstruction)</u>				Subtotal:	
D	<u>Royal Mint Drive Extension (Concrete Construction)</u>				Subtotal:	
E	<u>Dawson Road South (Concrete Construction)</u>				Subtotal:	
F	<u>Easterly Entrance to Development (Concrete Construction)</u>				Subtotal:	
G	<u>Multi-use Path (Asphalt Construction)</u>				Subtotal:	
H	<u>Underground Works</u>				Subtotal:	
I	<u>Construction Staging/Temporary Works</u>				Subtotal:	
J	<u>Overhead Sign Structures/Signage and Roadside Protection</u>				Subtotal:	
K	<u>Landscaping</u>				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO/PROVINCIALY FUNDED WORK						
L	<u>Installation of Street Light Concrete Bases, 50 mm Conduit, Ground Rods</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 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. 8-2019

2019/2020 Regional Street Renewal Program- Fermor Avenue From Lagimodiere Boulevard to Plessis Road (City Boundary), Asphalt Reconstruction

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. 8-2019

2019/2020 REGIONAL STREET RENEWAL PROGRAM- FERMOR AVENUE FROM LAGIMODIERE BOULEVARD TO PLESSIS ROAD (CITY BOUNDARY), ASPHALT RECONSTRUCTION

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)