

**FORM A: BID**  
(See B8)

1. Contract Title                      Empress Street Project, Pavement Reconstruction, Portage Avenue to St. Matthews Avenue, Empress Overpass Rehabilitation, Accessibility Ramps and Associated Works
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
- The Bidder is:
- (Choose one)                       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:

(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. 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(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>A</b>	<b><u>ST. JOHN AMBULANCE WAY &amp; EMPRESS STREET EAST, PORTAGE AVENUE TO EMPRESS OVERPASS, CONCRETE RECONSTRUCTION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
A.1	Excavation	CW 3110-R19	m <sup>3</sup>	3900		
A.2	Hydro-Excavation	E12	hour	16		
A.3	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	5900		
A.4	Crushed Sub-base Material	CW 3110-R19				
	i) 50 mm - Limestone		tonne	2300		
	ii) 100 mm - Limestone		tonne	4600		
A.5	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	475		
A.6	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	5000		
A.7	Removal of Existing Concrete Bases	CW 3110-R19				
	i) 600 mm Diameter or Less		each	8		
A.8	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	5900		
A.9	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	1500		
A.10	Fill Material	CW 3170-R3				
	i) Placing Suitable Site Material		m <sup>3</sup>	200		
	<b>ROADWORKS - RENEWALS</b>					
A.11	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m <sup>2</sup>	7200		
	ii) Temporary Asphalt Pavement		m <sup>2</sup>	40		
A.12	Drilled Dowels	CW 3230-R8				
	i) 19.1 mm Diameter		each	30		
	ii) 28.6 mm Diameter		each	175		

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	30		
ii)	20 M Deformed Tie Bar		each	170		
iii)	25 M Deformed Tie Bar		each	10		
A.14	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m <sup>2</sup>	800		
ii)	Monolithic Curb and Sidewalk		m <sup>2</sup>	5		
A.15	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	45		
A.16	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (180 mm reveal ht, Dowelled)	SD-205	m	50		
A.17	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	25		
ii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	5		
A.18	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	140		
A.19	City Supplied Precast Concrete Traffic Barriers	E14	each	25		
A.20	Remove and Salvage Existing Crash Attenuation Unit	E16	each	1		
A.21	Remove and Salvage Existing ABB Rail	CW 3650-R6	m	500		
A.22	Remove and Salvage Existing Barrier Posts	CW 3650-R6	each	64		
A.23	Removal of Existing F-Shape Barrier	E16	m	400		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.24	Removal of Existing Bollards	E16	each	2		
<b>ROADWORKS - NEW CONSTRUCTION</b>						
A.25	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17, E17				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	500		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled, Slip Form Paving)		m <sup>2</sup>	4000		
iii)	Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	85		
iv)	Construction of Concrete Median Slabs	SD-227A	m <sup>2</sup>	400		
v)	Construction of Monolithic Concrete Bull-noses	SD-227C	m <sup>2</sup>	1		
A.26	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement for Early Opening 24 Hour (Plain-Dowelled)		m <sup>2</sup>	100		
ii)	Construction of 230 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m <sup>2</sup>	225		
iii)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m <sup>2</sup>	25		
iv)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m <sup>2</sup>	60		
A.27	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	450		
ii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	30		
iii)	Construction of Safety Curb (330 mm ht)	SD-206B	m	615		
A.28	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	1125		
A.29	100 mm Concrete Sidewalk	CW 3325-R5	m <sup>2</sup>	725		
A.30	Construction of F-Shape Barrier	E17				
i)	Single-sided		m	10		
ii)	Double-sided (Median)		m	280		

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.31	Grouted Stone Riprap	CW 3615-R4	m <sup>3</sup>	2.5		
A.32	Installation of Straw Wattle	E26	m	25.0		
<b>JOINT AND CRACK SEALING</b>						
A.33	Reflective Crack Maintenance	CW 3250-R7	m	20		
<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>						
A.34	Catch Basin	CW 2130-R12				
i)	SD-024, 1500 mm deep		each	2		
ii)	SD-024, 1800 mm deep		each	7		
iii)	SD-025, 1200 mm deep		each	1		
A.35	Catch Pit	CW 2130-R12				
i)	SD-023		each	7		
A.36	Installation of New Manhole	CW 2130-R12				
i)	SD-010					
a)	1200 mm		vert. m	8.9		
A.37	Sewer Service	CW 2130-R12				
i)	250 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	80		
b)	Trenchless Installation		m	20		
ii)	300 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	40		
b)	Trenchless Installation		m	25		
A.38	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5, E19				
i)	(300 mm, 1.6 gauge, Galvanized)		m	20		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.39	Corrugated Steel Pipe Culvert - Install	CW 3610-R5, E19				
i)	(300 mm, 1.6 gauge, Galvanized)		m	20		
A.40	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	2.0		
A.41	Replace Existing Manhole and Catch Basin Frame and Cover	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		
A.42	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead (SSP)		each	1		
A.43	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm SSP		each	1		
A.44	Connecting to Existing Sewer	CW 2130-R12				
i)	300 mm Connecting Pipe					
a)	Connecting to 375 mm Combined Sewer		each	1		
A.45	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm (SSP)		each	1		
A.46	Connect to Existing Culvert	CW 3610-R5				
i)	300 mm CSP		each	1		
A.47	Sewer Inspection	CW 2145-R4				
i)	250 mm SSP		m	43		
ii)	300 mm SSP		m	15.6		
A.48	Removal of Existing Catch Basins	CW 2130-R12	each	10		

\_\_\_\_\_  
 Name of Bidder



**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.49	Removal of Existing Catch Pit	CW 2130-R12	each	2		
A.50	Relocation of Existing Catch Basins	CW 2130-R12	each	1		
A.51	Abandoning Existing Drainage Inlets	CW 2130-R12	each	4		
A.52	Installation of Subdrains	CW 3120-R4	m	108		
A.53	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	9		
A.54	Removal of Existing Culverts	CW 3610-R5	m	28		
A.55	Conduit Installation	E13	m	30		
<b>ADJUSTMENTS</b>						
A.56	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
A.57	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
A.58	Adjustment of Valve Boxes	CW 3210-R8	each	1		
A.59	Valve Box Extensions	CW 3210-R8	each	1		
A.60	Adjustment of Curb Stop Boxes	CW 3210-R8	each	1		
A.61	Curb Stop Extensions	CW 3210-R8	each	1		
A.62	Adjustment of Existing Manitoba Hydro Manholes	E18	each	2		
<b>A</b>	<b><u>ST. JOHN AMBULANCE WAY &amp; EMPRESS STREET EAST, PORTAGE AVENUE TO EMPRESS OVERPASS, CONCRETE RECONSTRUCTION</u></b>				Subtotal:	

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>B</b>	<b><u>ACTIVE TRANSPORTATION FACILITY, SOUTH OF PORTAGE AVENUE TO EMPRESS OVERPASS</u></b>					
	<b>EARTH AND BASE WORKS</b>					
B.1	Clearing and Grubbing	CW 3010-R4	ha	0.100		
B.2	Excavation	CW 3110-R19	m <sup>3</sup>	1800		
B.3	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	2500		
B.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	875		
B.5	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	210		
B.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	2500		
B.7	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m <sup>3</sup>	200		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
B.8	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	16		
B.9	100 mm Concrete Sidewalk	CW 3325-R5	m <sup>2</sup>	1400		
B.10	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	320		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	15		
B.11	Supply and Installation of Green Bicycle Lane Treatment - Longitudinal Lane Line	E21	m	475		
B.12	Construction of Rumble Strip	E22	m	475		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.13	<b>JOINT AND CRACK SEALING</b> Reflective Crack Maintenance	CW 3250-R7	m	275		
<b>B</b>	<b><u>ACTIVE TRANSPORTATION FACILITY, SOUTH OF PORTAGE AVENUE TO EMPRESS OVERPASS</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>C</b>	<b><u>MULTI-USE PATH, EAST OF MANITOBA HYDRO SUB-STATION ADJACENT TO CANADIAN PACIFIC RAILWAY</u></b>					
	<b>EARTH AND BASE WORKS</b>					
C.1	Clearing and Grubbing	CW 3010-R4	ha	0.07		
C.2	Excavation	CW 3110-R19	m <sup>3</sup>	175		
C.3	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	510		
C.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	180		
C.5	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	55		
C.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	510		
C.7	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	290		
C.8	Topsoil Excavation	CW 3170-R3	m <sup>3</sup>	100		
C.9	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m <sup>3</sup>	30		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
C.10	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	90		
	<b>JOINT AND CRACK SEALING</b>					
C.11	Reflective Crack Maintenance	CW 3250-R7	m	50		
<b>C</b>	<b><u>MULTI-USE PATH, EAST OF MANITOBA HYDRO SUB-STATION ADJACENT TO CANADIAN PACIFIC RAILWAY</u></b>				Subtotal:	

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>D</b>	<b><u>EMPRESS STREET EAST, NORTH OF EMPRESS OVERPASS TO JACK BLICK AVENUE, CONCRETE RECONSTRUCTION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
D.1	Excavation	CW 3110-R19	m <sup>3</sup>	6650		
D.2	Hydro-Excavation	E12	hour	16		
D.3	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	7000		
D.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Limestone		tonne	3000		
ii)	100 mm - Limestone		tonne	5000		
D.5	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	550		
D.6	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	5900		
D.7	Removal of Existing Concrete Bases	CW 3110-R19				
i)	600 mm Diameter or Less		each	15		
D.8	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	7000		
D.9	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	1750		
D.10	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m <sup>3</sup>	250		
	<b>ROADWORKS - RENEWALS</b>					
D.11	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m <sup>2</sup>	12100		
ii)	Temporary Asphalt Pavement		m <sup>2</sup>	650		
iii)	Asphalt Sidewalk		m <sup>2</sup>	60		

**FORM B(R2): PRICES**  
 (SEE B9)

**UNIT PRICES**

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	125		
ii)	28.6 mm Diameter		each	360		
D.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	125		
ii)	20 M Deformed Tie Bar		each	300		
iii)	25 M Deformed Tie Bar		each	10		
D.14	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Median Slab		m <sup>2</sup>	200		
ii)	Monolithic Median Slab		m <sup>2</sup>	75		
iii)	Safety Median		m <sup>2</sup>	40		
iv)	100 mm Sidewalk		m <sup>2</sup>	1025		
v)	Bullnose		m <sup>2</sup>	15		
D.15	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	60		
ii)	Curb Ramp		m	25		
iii)	Temporary Barrier Curb		m	70		
D.16	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	70		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	Temporary Asphalt Pavement					
a)	Type IA		tonne	80		
D.17	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	700		
D.18	Detectable Warning Surface Tiles	CW 3326-R3	each	20		
D.19	Removal of Precast Sidewalk Blocks	CW 3235-R9	m <sup>2</sup>	10		
D.20	Remove and Salvage Existing Limestone Planter Blocks	E16	LS	1		
D.21	Remove and Salvage Existing ABB Rail	CW 3650-R6	m	200		
D.22	Remove and Salvage Existing Barrier Posts	CW 3650-R6	each	25		
D.23	Removal of Existing F-Shape Barrier	E16	m	15		
D.24	Remove Wooden Plank Fence	E16	m	42		
D.25	Remove Post and Chain Fence	E16	m	220		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
D.26	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17, E17				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	1200		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled, Slip Form Paving)		m <sup>2</sup>	3200		
iii)	Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	380		
iv)	Construction of Concrete Median Slabs	SD-227A	m <sup>2</sup>	270		
v)	Construction of Concrete Safety Medians	SD-226B	m <sup>2</sup>	30		
vi)	Construction of Monolithic Concrete Bull-noses	SD-227C	m <sup>2</sup>	20		

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.27	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement for Early Opening 24 Hour (Plain-Dowelled)		m <sup>2</sup>	100		
ii)	Construction of 230 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m <sup>2</sup>	550		
iii)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m <sup>2</sup>	25		
iv)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m <sup>2</sup>	250		
D.28	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (100 mm ht, Dowelled)	SD-205	m	100		
ii)	Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	120		
iii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	30		
iv)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	575		
v)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	570		
vi)	Construction of Curb Ramp (8-12 mm ht, Dowelled for Asphalt Overlay)	SD-229D	m	10		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	110		
viii)	Construction of Safety Curb (330 mm ht)	SD-206B	m	205		
ix)	Construction of Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width)	SD-223A	m	70		
x)	Construction of Splash Strip, (Separate, 600 mm width)	SD-223B	m	175		
D.29	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	1200		
D.30	100 mm Concrete Sidewalk	CW 3325-R5	m <sup>2</sup>	1600		
D.31	Interlocking Paving Stones	CW 3330-R5, E23	m <sup>2</sup>	165		
D.32	Lean Concrete Base	CW 3335-R1	m <sup>2</sup>	100		



**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.33	Construction of F-Shape Barrier	E17				
i)	Single-sided		m	10		
ii)	Double-sided (Median)		m	10		
	<b>JOINT AND CRACK SEALING</b>					
D.34	Reflective Crack Maintenance	CW 3250-R7	m	20		
	<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>					
D.35	Catch Basin	CW 2130-R12				
i)	SD-024, 1500 mm deep		each	1		
ii)	SD-024, 1800 mm deep		each	5		
iii)	SD-024, 1200 mm deep		each	4		
D.36	Catch Pit	CW 2130-R12				
i)	SD-023		each	3		
D.37	Installation of New Manhole	CW 2130-R12				
i)	SD-010					
a)	1200 mm	CW 2130-R12	vert. m	1.4		
D.38	Installation of New Manhole on Existing Sewer	CW 2130-R12				
i)	SD-010					
a)	1200 mm	CW 2130-R12	vert. m	1.6		
D.39	Sewer Service	CW 2130-R12				
i)	250 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	45		
b)	Trenchless Installation		m	20		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	300 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	110		
b)	Trenchless Installation		m	45		
D.40	Sewer Service Risers	CW 2130-R12				
i)	300mm SSP					
a)	SD-015		vert. m	1.0		
D.41	Replace Existing Manhole and Catch Basin Frame and Cover	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		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	1		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	1		
D.42	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead (SSP)		each	1		
ii)	300 mm Catch Basin Lead (SSP)		each	4		
D.43	Connecting to Existing Sewer	CW 2130-R12				
i)	300 mm Connecting Pipe					
a)	Connecting to 750 SRS		each	2		
D.44	Sewer Inspection	CW 2145-R4				
i)	250 mm SSP		m	47.2		
ii)	300 mm SSP		m	123.2		
D.45	Removal of Existing Catch Basins	CW 2130-R12	each	6		
D.46	Abandoning Existing Drainage Inlets	CW 2130-R12	each	6		
D.47	Installation of Subdrains	CW 3120-R4	m	120		

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.48	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or Under Pavement)		each	4		
D.49	Removal of Existing Box Enclosure	CW 3530-R3	each	1		
D.50	Conduit Installation	E13	m	100		
<b>ADJUSTMENTS</b>						
D.51	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	7		
D.52	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
D.53	Cast-in-Place Concrete Risers for Manitoba Hydro Manholes	E18	vert. m	1.0		
D.54	Adjustment of Valve Boxes	CW 3210-R8	each	5		
D.55	Valve Box Extensions	CW 3210-R8	each	2		
D.56	Removal of Existing Bases and Service Boxes	CW 3620-R9				
i)	Service Box		each	1		
D.57	Adjustment of Existing Manitoba Hydro Manholes	E18	each	2		
D	<b><u>EMPRESS STREET EAST, NORTH OF EMPRESS OVERPASS TO JACK BLICK AVENUE, CONCRETE RECONSTRUCTION</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>E</b>	<b><u>ACTIVE TRANSPORTATION FACILITY, NORTH OF EMPRESS OVERPASS TO JACK BLICK AVENUE</u></b>					
	<b>EARTH AND BASE WORKS</b>					
E.1	Excavation	CW 3110-R19	m <sup>3</sup>	1600		
E.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	2900		
E.3	Preparation of Existing Ground Surface	CW 3170-R3	m <sup>2</sup>	2100		
E.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1000		
E.5	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	240		
E.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	2900		
E.7	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m <sup>3</sup>	375		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
E.8	100 mm Concrete Sidewalk	CW 3325-R5	m <sup>2</sup>	1000		
E.9	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	425		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
E.10	Supply and Installation of Green Bicycle Lane Treatment - Longitudinal Lane Line	E21	m	550		
E.11	Construction of Rumble Strip	E22	m	550		
E.12	Supply and Installation of Green Bicycle Lane Treatment - Intersection Treatment	E21	m <sup>2</sup>	165		
	<b>JOINT AND CRACK SEALING</b>					
E.13	Reflective Crack Maintenance	CW 3250-R7	m	325		
<b>E</b>	<b><u>ACTIVE TRANSPORTATION FACILITY, NORTH OF EMPRESS OVERPASS TO JACK BLICK AVENUE</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>F</b>	<b><u>EMPRESS STREET, NORTH OF JACK BLICK AVENUE TO ST. MATTHEWS AVENUE, CONCRETE RECONSTRUCTION</u></b>					
	<b>EARTH AND BASE WORKS</b>					
F.1	Excavation	CW 3110-R19	m <sup>3</sup>	4800		
F.2	Hydro-Excavation	E12	hour	64		
F.3	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	6700		
F.4	Crushed Sub-base Material	CW 3110-R19				
	i) 50 mm - Limestone		tonne	3100		
	ii) 100 mm - Limestone		tonne	5000		
F.5	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	550		
F.6	Grading of Boulevards	CW 3110-R19	m <sup>2</sup>	500		
F.7	Removal of Existing Concrete Bases	CW 3110-R19				
	i) 600 mm Diameter or Less		each	11		
F.8	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	6700		
F.9	Supply and Install Geogrid	CW 3135-R1	m <sup>2</sup>	2100		
F.10	Fill Material	CW 3170-R3				
	i) Placing Suitable Site Material		m <sup>3</sup>	75		
	<b>ROADWORKS - RENEWALS</b>					
F.11	Pavement Removal	CW 3110-R19				
	i) Concrete Pavement		m <sup>2</sup>	7200		
	ii) Temporary Asphalt Pavement		m <sup>2</sup>	125		
	iii) Asphalt Sidewalk		m <sup>2</sup>	1000		

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	125		
ii)	28.6 mm Diameter		each	280		
F.13	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	200		
ii)	20 M Deformed Tie Bar		each	450		
iii)	25 M Deformed Tie Bar		each	10		
F.14	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	Monolithic Median Slab		m <sup>2</sup>	20		
ii)	100 mm Sidewalk		m <sup>2</sup>	1400		
iii)	Bullnose		m <sup>2</sup>	10		
iv)	Monolithic Curb and Sidewalk		m <sup>2</sup>	20		
F.15	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m <sup>2</sup>	40		
F.16	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Temporary Asphalt Pavement					
a)	Type IA		tonne	15		
F.17	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m <sup>2</sup>	25		
ii)	1 - 50 mm Depth (Concrete)		m <sup>2</sup>	50		
F.18	Detectable Warning Surface Tiles	CW 3326-R3	each	14		
F.19	Removal, Salvage, and Delivery of Overhead Cantilever Sign Structure	E15	each	1		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
F.20	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17, E17				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	1400		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled, Slip Form Paving)		m <sup>2</sup>	3100		
iii)	Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	350		
iv)	Construction of Concrete Median Slabs	SD-227A	m <sup>2</sup>	750		
v)	Construction of Monolithic Concrete Bull-noses	SD-227C	m <sup>2</sup>	10		
F.21	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 230 mm Concrete Pavement for Early Opening 24 Hour (Plain-Dowelled)		m <sup>2</sup>	100		
ii)	Construction of 230 mm Concrete Pavement for Early Opening 72 Hour (Plain-Dowelled)		m <sup>2</sup>	600		
iii)	Construction of 200 mm Concrete Pavement for Early Opening 24 Hour (Reinforced)		m <sup>2</sup>	25		
iv)	Construction of 200 mm Concrete Pavement for Early Opening 72 Hour (Reinforced)		m <sup>2</sup>	250		
F.22	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	30		
ii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	50		
iii)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	775		
iv)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	700		
v)	Construction of Mountable Curb (120 mm ht, Integral)	SD-201	m	10		
vi)	Construction of Curb Ramp (8-12 mm ht, Monolithic)	SD-229C	m	25		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	100		
viii)	Construction of Safety Curb (330 mm ht)	SD-206B	m	25		
F.23	Supply and Installation of Dowel Assemblies	CW 3310-R17	m	1200		

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.24	100 mm Concrete Sidewalk	CW 3325-R5	m <sup>2</sup>	1250		
F.25	Interlocking Paving Stones	CW 3330-R5, E23	m <sup>2</sup>	95		
F.26	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
F.27	Grouted Stone Riprap	CW 3615-R4	m <sup>3</sup>	10		
F.28	Installation of Straw Wattle	E26	m	50.0		
<b>JOINT AND CRACK SEALING</b>						
F.29	Reflective Crack Maintenance	CW 3250-R7	m	30		
<b>ASSOCIATED DRAINAGE AND UNDERGROUND WORKS</b>						
F.30	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	11		
F.31	Catch Pit	CW 2130-R12				
i)	SD-023		each	1		
F.32	Installation of New Manhole	CW 2130-R12				
i)	SD-010					
a)	1200 mm	CW 2130-R12	vert. m	12.9		
F.33	Sewer Service	CW 2130-R12				
i)	150 mm SSP to Manitoba Hydro Manhole					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	35		
ii)	250 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	55		
b)	Trenchless Installation		m	60		

\_\_\_\_\_  
 Name of Bidder



**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	300 mm SSP					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill		m	25		
b)	Trenchless Installation		m	5		
F.34	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5, E19				
i)	(300 mm, 1.6 gauge, Galvanized)		m	40		
F.35	Corrugated Steel Pipe Culvert - Install	CW 3610-R5, E19				
i)	(300 mm, 1.6 gauge, Galvanized)		m	40		
F.36	Replace Existing Manhole and Catch Basin Frame and Cover	CW 3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		
F.37	Connecting to Existing Manhole	CW 2130-R12				
i)	150 mm SSP to Manitoba Hydro Manhole		each	4		
F.38	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm SSP		each	1		
F.39	Connect to Existing Culvert	CW 3610-R5				
i)	300 mm CSP		each	1		
F.40	Sewer Inspection	CW 2145-R4				
i)	150 mm SSP		m	19.4		
ii)	250 mm SSP		m	79.7		
F.41	Removal of Existing Catch Basins	CW 2130-R12	each	10		
F.42	Relocation of Existing Catch Basins	CW 2130-R12	each	1		
F.43	Abandoning Existing Drainage Inlets	CW 2130-R12	each	3		
F.44	Installation of Subdrains	CW 3120-R4	m	96		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.45	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (300 mm under the Pavement)		each	3		
F.46	Removal of Existing Culverts	CW 3610-R5	m	65		
F.47	Relocating Existing Hydrant - Type A (Including New Hydrant and Valve)	CW 2110-R11, E20	each	1		
F.48	Fittings	CW 2110-R11				
i)	Bends (SD-004)					
a)	150 mm - 45°		each	1		
F.49	Watermain	CW 2110-R11				
i)	150 mm					
a)	In a Trench, Class B Bedding with Sand, Class 3 Backfill (Type 1 Fill)	CW 2110-R11	m	2		
F.50	Conduit Installation	E13	m	400		
	<b>ADJUSTMENTS</b>					
F.51	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	2		
F.52	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
F.53	Adjustment of Valve Boxes	CW 3210-R8	each	10		
F.54	Valve Box Extensions	CW 3210-R8	each	3		
F.55	Adjustment of Existing Manitoba Hydro Manholes	E18	each	6		
<b>F</b>	<b><u>EMPRESS STREET, NORTH OF JACK BLICK AVENUE TO ST. MATTHEWS AVENUE, CONCRETE RECONSTRUCTION</u></b>				Subtotal:	

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>G</b>	<b><u>ACTIVE TRANSPORTATION FACILITY, NORTH OF JACK BLICK AVENUE TO ST. MATTHEWS AVENUE</u></b>					
	<b>EARTH AND BASE WORKS</b>					
G.1	Excavation	CW 3110-R19	m <sup>3</sup>	500		
G.2	Sub-Grade Compaction	CW 3110-R19	m <sup>2</sup>	2500		
G.3	Preparation of Existing Ground Surface	CW 3170-R3	m <sup>2</sup>	4800		
G.4	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	840		
G.5	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	225		
G.6	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	2500		
G.7	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m <sup>3</sup>	2600		
	<b>ROADWORKS - NEW CONSTRUCTION</b>					
G.8	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	12		
G.9	100 mm Concrete Sidewalk	CW 3325-R5	m <sup>2</sup>	375		
G.10	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	240		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
G.11	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17, E17				
i)	Monolithic Curb and Sidewalk for Asphalt Cycle Track		m	425		
ii)	Splash Curb for Asphalt Cycle Track		m	420		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.12	Supply and Installation of Green Bicycle Lane Treatment - Intersection Treatment	E21	m <sup>2</sup>	218		
	<b>JOINT AND CRACK SEALING</b>					
G.13	Reflective Crack Maintenance	CW 3250-R7	m	250		
<b>G</b>	<b><u>ACTIVE TRANSPORTATION FACILITY, NORTH OF JACK BLICK AVENUE TO ST. MATTHEWS AVENUE</u></b>				Subtotal:	

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
<b>H</b>	<b><u>LANDSCAPING WORKS</u></b>						
<b>ROADWORKS</b>							
H.1	Native Grass Planting	E34	m <sup>2</sup>	4500			
H.2	Salt Tolerant Grass Seeding	E35	m <sup>2</sup>	7250			
H.3	Deciduous Trees	E32	each	67			
H.4	Weed Control	E34	LS	1			
H.5	Tache Bench	E31	each	3			
H.6	Concrete Rest Area (including bench footings)	E30	m <sup>2</sup>	13			
H.7	Granular Rest Area	E30	m <sup>2</sup>	7			
H.8	Erosion Control Blanket	E27	m <sup>2</sup>	3000			
H.9	Mulch in Traffic Island	E32	m <sup>2</sup>	210			
H.10	Tree Removal	E29					
i)	0 to 10 cm diameter		each	5			
ii)	11 to 30 cm diameter		each	17			
iii)	Over 30 in diameter		each	12			
<b>ASSINIBOINE RIVERBANK</b>							
H.11	Native Grass Planting	E34	m <sup>2</sup>	2000			
H.12	Deciduous Trees	E32	each	23			
H.13	Deciduous Shrubs	E32	each	30			
H.14	Willow Whips	E32	each	150			
H.15	Weed Control	E34	LS	1			
H.16	Erosion Control Blanket	E27	m <sup>2</sup>	1900			

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>OMAND'S CREEK PARK</b>						
H.17	Native Grass Planting	E34	m <sup>2</sup>	10500		
H.18	Deciduous Trees	E32	each	47		
H.19	Willow Whips	E32	each	750		
H.20	Weed Control	E34	LS	1		
H.21	Installation of Straw Wattle	E26	m	100		
H.22	Erosion Control Blanket	E27	m <sup>2</sup>	18000		
<b>H</b>	<b><u>LANDSCAPING WORKS</u></b>				Subtotal:	

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
<b>I</b>	<b><u>SLOPE STABILIZATION WORKS</u></b>						
<b>ASSINIBOINE RIVER STABILIZATION</b>							
I.1	Clearing and Grubbing	CW 3010-R4	ha	0.200			
I.2	Preparation of Existing Ground Surface	CW 3170-R3	m <sup>2</sup>	1600			
I.3	Fill Material	CW-3170-R3					
i)	Placing Suitable Site Material		m <sup>3</sup>	825			
I.4	Silt Fence	E28	m	140			
<b>OMAND'S CREEK STABILIZATION - SOUTH OF JACK BLICK AVENUE</b>							
I.5	Clearing and Grubbing	CW 3010-R4	ha	0.180			
I.6	Supply and Place Class 350 Riprap	E24	tonne	1000			
I.7	Silt Fence	E28	m	160			
I.8	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	900			
<b>OMAND'S CREEK STABILIZATION - NORTH OF JACK BLICK AVENUE</b>							
I.9	Clearing and Grubbing	CW 3010-R4	ha	0.780			
I.10	Construction of Rockfill Ribs	E25	tonne	4800			
I.11	Silt Fence	E28	m	450			
I.12	Construction of Asphaltic Concrete Overlay	CW 3410-R12					
i)	Main Line Paving						
a)	Type IA		tonne	500			
<b>I</b>	<b><u>SLOPE STABILIZATION WORKS</u></b>					Subtotal:	

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>J</b>	<b><u>OVERPASS REHABILITATION WORKS</u></b>					
J.1	Structural Excavation	E36	LS	1		
J.2	Structural Backfill	E37	LS	1		
J.3	City Supplied Precast Concrete Traffic Barriers	E14	each	50		
J.4	Supply and Place Structural Concrete	E40				
	i) Concrete Overlay		LS	1		
	ii) Traffic Barriers		LS	1		
	iii) Cycling Path Curb		LS	1		
	iv) Expansion Slabs		LS	1		
	v) Roadway Slabs		LS	1		
	vi) Expansion Joint Dams		LS	1		
J.5	Centre Pier Column Jackets Self-Compacting Concrete	E41	LS	1		
J.6	Supply of Reinforcing Steel	E42				
	i) Plain Steel Reinforcing		kg	1650		
	ii) ChrōmX 9100 Reinforcing		kg	5220		
	iii) Stainless Steel Reinforcing		kg	17300		
J.7	Placing Reinforcing Steel	E42				
	i) Plain Steel Reinforcing		kg	1000		
	ii) ChrōmX 9100 Reinforcing		kg	5220		
	iii) Stainless Steel Reinforcing		kg	9000		
J.8	Steel Strapping	E43	each	10		
J.9	Hot-Poured Rubberized Asphalt Waterproofing with Protection Board	E45	m <sup>2</sup>	730		



**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J.10	Structural Removals	E47				
i)	Epoxy Wearing Surface		LS	1		
ii)	Traffic Barriers		LS	1		
iii)	Expansion Joints		LS	1		
iv)	Concrete Overlay					
a)	35 mm Depth		LS	1		
b)	95 mm Depth		LS	1		
v)	Longitudinal and Transverse Grooves		LS	1		
J.11	Bearings Repair	E48	LS	1		
J.12	Temporary Protective Systems	E49	LS	1		
J.13	Distributed Galvanic Anode System	E50				
i)	Centre Pier Columns		LS	1		
ii)	Deck Overlay		LS	1		
J.14	Discrete Galvanic Anode System	E51	each	200		
J.15	Drilling and Placing Dowels	E52	LS	1		
J.16	Pier Surface Repairs	E53	m <sup>2</sup>	50		
J.17	Supply and Install Aluminum Pedestrian Hand	E54	m	70		
J.18	Asphalt Overlay on Bridge	E55	tonne	140		
J.19	Supply and Install Expansion Joints	E58				
i)	Empress Overpass		each	2		
J.20	Electrochemical Chloride Extraction	E63	LS	1		
J.21	Salvaging Existing Barrier Rail	CW 3650-R6	m	100		
J.22	Salvaging Existing Barrier Posts	CW 3650-R6	each	25		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J.23	Installation of Barrier Rails	CW 3650-R6	m	100		
J.24	Installation of Barrier Posts	CW 3650-R6	each	25		
J.25	Supplying and Placing Limestone Base Course Material	CW 3310-R19	m <sup>3</sup>	10		
J.26	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	10		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
J.27	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	60		
J.28	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	60		
J.29	Penetrating Concrete Sealer	E64	m <sup>2</sup>	530		
<b>J</b>	<b><u>OVERPASS REHABILITATION WORKS</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>K</b>	<b><u>EMPRESS STREET RETAINING WALL</u></b>					
K.1	Structural Excavation	E36	LS	1		
K.2	Structural Backfill	E37	LS	1		
K.3	Supply and Place Structural Concrete	E40				
i)	Pile Cap		LS	1		
ii)	Wall		LS	1		
K.4	Supply of Reinforcing Steel	E42				
i)	ChrömX 9100 Reinforcing		kg	3655		
K.5	Placing Reinforcing Steel	E42				
i)	ChrömX 9100 Reinforcing		kg	3655		
K.6	Supply and Install Aluminum Pedestrian Handrail/Bicycle Rail	E54	m	30		
K.7	Cellular Concrete	E56	m <sup>3</sup>	70		
K.8	Supply Steel H Piles	E66	m	200		
K.9	Drive Steel H Piles	E66	m	200		
<b>K</b>	<b><u>EMPRESS STREET RETAINING WALL</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>L</b>	<b><u>PEDESTRIAN ACCESSIBILITY RAMPS</u></b>					
L.1	Structural Excavation	E36	LS	1		
L.2	Structural Backfill	E37	LS	1		
L.3	Supplying and Placing Subsurface Drainage	E38	LS	1		
L.4	Corrugated Steel Pipe Culvert - Supply	CW 3610-R5, E19				
i)	(250 mm, 1.6 mm gauge, galvanized)		m	15		
L.5	Corrugated Steel Pipe Culvert - Install	CW 3610-R5, E19				
i)	(250 mm, 1.6 mm gauge, trenchless)		m	15		
L.6	Supply and Install Turf Reinforcement Mat	E39	m <sup>2</sup>	250		
L.7	Supply and Place Structural Concrete	E40				
i)	Piers		LS	1		
ii)	Diaphragms		LS	1		
iii)	Drainage Channel		LS	1		
iv)	Slabs on Grade		LS	1		
v)	Pile Cap		LS	1		
L.8	Supply of Reinforcing Steel	E42				
i)	Plain Steel Reinforcing		kg	5000		
ii)	ChrōmX 9100 Reinforcing		kg	17000		
iii)	Stainless Steel Reinforcing		kg	100		
L.9	Placing Reinforcing Steel	E42				
i)	Plain Steel Reinforcing		kg	5000		
ii)	ChrōmX 9100 Reinforcing		kg	17000		
iii)	Stainless Steel Reinforcing		kg	100		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L.10	Miscellaneous Metal	E44				
i)	Supply					
a)	Ramp Drainage System		kg	150		
b)	Bollard Post		kg	30		
ii)	Erection					
a)	Ramp Drainage System		kg	150		
b)	Bollard Post		kg	30		
L.11	Random Stone Riprap	CW 3615-R4, E46	m <sup>3</sup>	25		
L.12	Grouted Stone Riprap	CW 3615-R4, E46	m <sup>3</sup>	3		
L.13	Structural Removals	CW 3240-R10, E47				
i)	Ramp Connection		LS	1		
L.14	Supply and Installation of Bearings	E48				
i)	Expansion Elastomeric Bearings		each	2		
ii)	Plain Elastomeric Bearings		each	18		
L.15	Supply and Install Aluminum Pedestrian Handrail/Bicycle Rail	E54	m	300		
L.16	Supply and Install Expansion Joints	E58				
i)	North Pedestrian Accessibility Ramp					
a)	SU-3		each	1		
b)	SU-6		each	1		
L.17	Supply Precast Prestressed Concrete Slabs	E60	each	5		
L.18	Erection of Precast Prestressed Concrete Slabs	E60	each	5		
L.19	Modular Block Retaining Walls	E61	LS	1		
L.20	Slope Protection Paving	E62	LS	1		

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L.21	Separation Geotextile Fabric	CW 3130-R4	m <sup>2</sup>	325		
L.22	Catch Basin	CW 2130-R12				
i)	SD-025, 1200 mm deep		each	1		
ii)	SD-025, 1800 mm deep		each	1		
L.23	Sewer Service	CW 2130-R12				
i)	250 mm SSP					
a)	Trenchless Installation		m	3.5		
L.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead (SSP)		each	1		
L.25	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm - Limestone		tonne	100		
L.26	Supplying and Placing Limestone Base Course Material	CW 3110-R19	m <sup>3</sup>	25		
L.27	Sewer Inspection	CW 2145-R4				
i)	600 mm SSP		m	50		
L.28	Supply Steel H Piles	E65	m	366		
L.29	Drive Steel H Piles	E65	m	366		
L.30	Splicing Steel Piles	E65	each	8		
L.31	Steel Pile Concrete Encasement	E67	LS	1		
L.32	Board Insulation	E68	m <sup>2</sup>	200		
<b>L</b>	<b><u>PEDESTRIAN ACCESSIBILITY RAMPS</u></b>				Subtotal:	

\_\_\_\_\_  
 Name of Bidder

**FORM B(R2): PRICES**  
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>SUMMARY</b>						
A	<u>ST. JOHN AMBULANCE WAY &amp; EMPRESS STREET EAST, PORTAGE AVENUE TO EMPRESS OVERPASS, CONCRETE RECONSTRUCTION</u>				Subtotal:	
B	<u>ACTIVE TRANSPORTATION FACILITY, SOUTH OF PORTAGE AVENUE TO EMPRESS OVERPASS</u>				Subtotal:	
C	<u>MULTI-USE PATH, EAST OF MANITOBA HYDRO SUB-STATION ADJACENT TO CANADIAN PACIFIC RAILWAY</u>				Subtotal:	
D	<u>EMPRESS STREET EAST, NORTH OF EMPRESS OVERPASS TO JACK BLICK AVENUE, CONCRETE RECONSTRUCTION</u>				Subtotal:	
E	<u>ACTIVE TRANSPORTATION FACILITY, NORTH OF EMPRESS OVERPASS TO JACK BLICK AVENUE</u>				Subtotal:	
F	<u>EMPRESS STREET, NORTH OF JACK BLICK AVENUE TO ST. MATTHEWS AVENUE, CONCRETE RECONSTRUCTION</u>				Subtotal:	
G	<u>ACTIVE TRANSPORTATION FACILITY, NORTH OF JACK BLICK AVENUE TO ST. MATTHEWS AVENUE</u>				Subtotal:	
H	<u>LANDSCAPING WORKS</u>				Subtotal:	
I	<u>SLOPE STABILIZATION WORKS</u>				Subtotal:	
J	<u>OVERPASS REHABILITATION WORKS</u>				Subtotal:	
K	<u>EMPRESS STREET RETAINING WALL</u>				Subtotal:	
L	<u>PEDESTRIAN ACCESSIBILITY RAMPS</u>				Subtotal:	
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

BID OPPORTUNITY NO. 602-2018

Empress Street Project, Pavement Reconstruction, Portage Avenue to St. Matthews Avenue, Empress Overpass Rehabilitation, Accessibility Ramps and Associated Works

As more fully set out in the Bid Opportunity.

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

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

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

SIGNED AND SEALED  
in the presence of:

\_\_\_\_\_  
(Witness as to Principal if no seal)

\_\_\_\_\_  
(Name of Principal)

Per: \_\_\_\_\_ (Seal)

Per: \_\_\_\_\_

\_\_\_\_\_  
(Name of Surety)

By: \_\_\_\_\_ (Seal)  
(Attorney-in-Fact)



**FORM G1: BID BOND AND AGREEMENT TO BOND**

(Page 2 of 2)  
(See B13)

**AGREEMENT TO BOND**

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

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

\_\_\_\_\_ of  
(Name of Bidder)

\_\_\_\_\_  
(Place)

the Bidder to you on \_\_\_\_\_, 20\_\_\_\_ for

BID OPPORTUNITY NO. 602-2018

Empress Street Project, Pavement Reconstruction, Portage Avenue to St. Matthews Avenue, Empress Overpass Rehabilitation, Accessibility Ramps and Associated Works

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(R1): IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING  
(BID SECURITY) (Page 1 of 2)  
(See B13)**

\_\_\_\_\_  
(Date)

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

RE: BID SECURITY – BID OPPORTUNITY NO. 602-2018

Empress Street Project, Pavement Reconstruction, Portage Avenue to St. Matthews Avenue,  
Empress Overpass Rehabilitation, Accessibility Ramps and Associated Works

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

\_\_\_\_\_  
(Name of Bidder)

\_\_\_\_\_  
(Address of Bidder)

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

\_\_\_\_\_  
Canadian dollars.

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

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

Partial drawings are permitted.

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

\_\_\_\_\_  
(Address)

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

**FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING  
(BID SECURITY) (Page 2 of 2)  
(See B13)**

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

This Standby Letter of Credit will expire on **December 11, 2018**.

if our customer's Bid is not accepted, and if accepted, when our customer has entered into a Contract with you and has furnished the required performance security for guaranteeing the faithful performance of the Contract.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

WE HEREBY UNDERTAKE and agree to provide in your favour an irrevocable Standby Letter of Credit in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our customer's Bid is accepted by you. Such Standby Letter of Credit shall be maintained and continue in full force and effect until the expiration of the warranty period. The Standby Letter of Credit shall be in the form specified in the Bid Opportunity.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (2007 Revision), International Chamber of Commerce Publication Number 600.

\_\_\_\_\_  
(Name of bank or financial institution)

Per: \_\_\_\_\_  
(Authorized Signing Officer)

Per: \_\_\_\_\_  
(Authorized Signing Officer)