FORM A: BID (See B8)

1.	Contract Title	2016 LOCAL STREETS AVENUE AND VARIOUS	PACKAGE – JESSIE AVENU S OTHER LOCATIONS.	JE, MATHERS
2.	Bidder	Name of Bidder		
		Usual Business Name of Bidde	er as it appears on Invoice (if different	t 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 und	der the above name.	
3.	Contact Person	The Bidder hereby author the Bidder for purposes of	orizes the following contact p of the Bid.	erson to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms us ascribed to them in the C	sed in the Contract shall have General Conditions.	ave the meanings
5.	Offer		rs to perform the Work in ac d Price, in Canadian funds, s	

6.	Bid Security	In accordance with B12.1, the Bidder encloses bid security in the form of:
		a bid bond (Form G1: Bid Bond and Agreement to Bond)
	(Choose one)	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
		, 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)

DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
CITY FUNDED WORK					
MATHERS AVENUE - CAMPBELL ST TO A RECONSTRUCTION					
EARTH AND BASE WORKS					
Excavation	CW 3110-R19	m³	6,000		
Sub-Grade Compaction	CW 3110-R19	m²	8,000		
Crushed Sub-base Material	CW 3110-R19				
50 mm		tonne	3,150		
100 mm		tonne	6,300		
Supplying and Placing Base Course Material	CW 3110-R19	m³	670		
Grading of Boulevards	CW 3110-R19	m²	3,400		
Imported Fill Material	CW 3110-R19	m³	200		
Separation Geotextile Fabric	CW 3130-R4	m²	6,900		
Supply and Install Geogrid	CW 3135-R1	m²	2,300		
ROADWORKS - RENEWALS					
Pavement Removal	CW 3110-R19				
Concrete Pavement		m²	6,900		
Drilled Dowels	CW 3230-R8				
19.1 mm Diameter		each	100		
Drilled Tie Bars	CW 3230-R8				
15 M Deformed Tie Bar		each	204		
20 M Deformed Tie Bar		each	400		
	CITY FUNDED WORK MATHERS AVENUE - CAMPBELL ST TO A RECONSTRUCTION EARTH AND BASE WORKS Excavation Sub-Grade Compaction Crushed Sub-base Material 50 mm 100 mm Supplying and Placing Base Course Material Grading of Boulevards Imported Fill Material Separation Geotextile Fabric Supply and Install Geogrid ROADWORKS - RENEWALS Pavement Removal Concrete Pavement Drilled Dowels 19.1 mm Diameter Drilled Tie Bars 15 M Deformed Tie Bar	CITY FUNDED WORK MATHERS AVENUE - CAMPBELL ST TO ASH ST - CONCERECONSTRUCTION EARTH AND BASE WORKS Excavation CW 3110-R19 Sub-Grade Compaction CW 3110-R19 Crushed Sub-base Material CW 3110-R19 50 mm 100 mm Supplying and Placing Base Course Material CW 3110-R19 Grading of Boulevards CW 3110-R19 Imported Fill Material CW 3110-R19 Separation Geotextile Fabric CW 3130-R4 Supply and Install Geogrid CW 3135-R1 ROADWORKS - RENEWALS Pavement Removal CW 3110-R19 Concrete Pavement Drilled Dowels CW 3230-R8 19.1 mm Diameter Drilled Tie Bars CW 3230-R8	CITY FUNDED WORK MATHERS AVENUE - CAMPBELL ST TO ASH ST - CONCRETE RECONSTRUCTION EARTH AND BASE WORKS Excavation	REF. QUANTITY	REF. QUANTITY

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
á	Less than 5 sq.m.		m²	10		
t	5 sq.m. to 20 sq.m.		m²	50		
(Greater than 20 sq.m.		m²	1,700		
ii)	150 mm Reinforced Sidewalk					
ć	5 sq.m. to 20 sq.m.		m²	20		
A.13	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
á	Type IA		tonne	5		
A.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	35		
A.15	Detectable Warning Surface Tiles	CW 3326-R3	each	54		
	ROADWORKS - NEW CONSTRUCTION					
A.16	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m²	4,100		
A.17	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement for Early Opening 72 hr (Reinforced)		m²	2,500		
ii)	Construction of 150 mm Concrete Pavement for Early Opening 72 hr (Reinforced)		m²	500		
A.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	780		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	190		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	60		

ITEM		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iv)		Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	230		
		JOINT AND CRACK SEALING					
A.19		Reflective Crack Maintenance	CW 3250-R7	m	15		
		ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.20		Catch Basin	CW 2130-R12				
i)		SD-024, 1800 mm deep		each	12		
A.21		Sewer Service	CW 2130-R12				
i)		250 mm					
	a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	15		
	b)	Trenchless Installation		m	50		
A.22		Sewer Service Risers	CW 2130-R12				
i)		250 mm					
	a)	SD-015		vert. m	8.0		
A.23		Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)		AP-004 - Standard Frame for Manhole and Catch Basin		each	5		
ii)		AP-005 - Standard Solid Cover for Standard Frame		each	5		
A.24		Connecting to Existing Sewer	CW 2130-R12				
i)		250 mm Connecting Pipe					
	a)	Connecting to 1350 mm CS		each	2		
	b)	Connecting to 1500 mm CS		each	2		
	c)	Connecting to 1650 mm CS		each	6		
	d)	Connecting to 1800 mm CS		each	2		
A.25		Removal of Existing Catch Basins	CW 2130-R12	each	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.26	Removal of Existing Pipes	E12	m	6		
A.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	8		
A.28	Installation of Subdrains	CW 3120-R4	m	144		
A.29	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	10		
A.30	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	30		
	ADJUSTMENTS					
A.31	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
A.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
A.33	Lifter Rings	CW 3210-R7				
i)	51 mm		each	5		
A.34	Adjustment of Valve Boxes	CW 3210-R7	each	5		
A.35	Valve Box Extensions	CW 3210-R7	each	2		
A.36	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
A.37	Patching of Existing Manholes	CW 2130-R12	vert. m	2		
A.38	Replacing Existing Manhole or Catch Basin Rungs	CW 2130-R12	each	2		
	LANDSCAPING					
A.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	335		
ii)	width > or = 600 mm		m²	3,060		
A	MATHERS AVENUE - CAMPBELL ST TO A	<u> </u>				
	RECONSTRUCTION				Subtotal:	



ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	LORETTE AVENUE - STAFFORD ST TO AIREHABILITATION	RBUTHNOT ST	- ASPA	<u>HLT</u>		
	EARTH AND BASE WORKS					
B.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	150		
B.2	Grading of Boulevards	CW 3110-R19	m²	3275		
	ROADWORKS - RENEWALS					
B.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	1230		
B.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	5		
ii)	150 mm Concrete Pavement (Type B)		m²	50		
iii)	150 mm Concrete Pavement (Type C)		m²	40		
iv)	150 mm Concrete Pavement (Type D)		m²	200		
B.5	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	420		
B.6	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	36		
ii)	20 M Deformed Tie Bar		each	400		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
3.7	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	40		
b)	5 sq.m. to 20 sq.m.		m²	70		
c)	Greater than 20 sq.m.		m²	775		
ii)	100 mm Sidewalk, Stamped Concrete		m²	1		
iii)	100 mm Sidewalk, Exposed Aggregate Concrete		m²	1		
3.8	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	15		
3.9	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	3		
3.10	Concrete Curb Removal	CW 3240-R10				
i)	Barrier		m	450		
ii)	Modified Barrier		m	40		
iii)	Lip Curb	SD-202C	m	390		
iv)	Curb Ramp		m	40		
3.11	Concrete Curb Installation	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205	m	490		
ii)	Modified Barrier (100 mm reveal ht, Dowelled)	SD-203B	m	40		
iii)	Modified Lip Curb (75 mm reveal ht, Dowelled)	SD-202C	m	380		
iv)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229A,B,C	m	45		
3.12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	3		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.13	Construction of Asphaltic Concrete Overlay	CW 3410-R11		<u> </u>		
i)	Main Line Paving					
a)	Туре ІА		tonne	570		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	5		
3.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	4300		
ii)	50 - 100 mm Depth (Asphalt)		m²	50		
iii)	1 - 50 mm Depth (Concrete)		m²	20		
3.15	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
	JOINT AND CRACK SEALING					
3.16	Reflective Crack Maintenance	CW 3250-R7	m	1050		
3.17	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R12,				
i)	SD-024, 1800 mm deep	E11	each	14		
3.18	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	15		
b)	Trenchless Installation		m	30		
3.19	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	5.0		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.20	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12, E12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	7		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	7		
B.21	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
B.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm Connecting Pipe					
a)	Connecting to 375 mm CS Sewer		each	1		
b)	Connecting to 450 mm CS Sewer		each	1		
B.23	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	250 mm		each	10		
B.24	Removal of Existing Pipes	E10	m	37		
B.25	Removal of Existing Catch Basins	CW 2130-R12	each	12		
B.26	Removal of Existing Catch Pit	CW 2130-R12	each	6		
B.27	Abandoning Existing Drainage Inlets	CW 2130-R12	each	6		
B.28	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	1		
	ADJUSTMENTS					
B.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	7		
B.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
		l				

DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	REF.		QUANTITY		
Lifter Rings	CW 3210-R7				
!					
51 mm		each	7		
!					
Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
i atoming maintener					
Replacing Existing Manhole or Catchhasin	CW 2130-R12	each	3		
	OW 2100 1(12	Cacii	O		
	CW 2210 B7	ooob	6		
Adjustifient of valve boxes	CW 3210-R1	Cacii	U		
Valva Boy Extensions	CM 2210 D7	ooob	2		
Valve Box Extensions	CW 3210-R1	eacn	2		
Adi atawa ta South Otas Baras	014/0040 D7		50		
Adjustment of Curb Stop Boxes	CW 3210-R7	eacn	50		
Curb Stop Extensions	CW 3210-R7	each	10		
LANDSCAPING					
Sodding	CW 3510-R9				
width < 600 mm		m²	160		
width > or = 600 mm		m²	3115		
LORETTE AVENUE - STAFFORD ST TO AF	HLT	0 1:1:1			
<u>REHABILITATION</u>		Subtotal:			
	Lifter Rings 51 mm Patching Existing Manholes Replacing Existing Manhole or Catchbasin Rungs Adjustment of Valve Boxes Valve Box Extensions Adjustment of Curb Stop Boxes Curb Stop Extensions LANDSCAPING Sodding width < 600 mm width > or = 600 mm	Lifter Rings CW 3210-R7 51 mm CW 2130-R12 Patching Existing Manholes CW 2130-R12 Replacing Existing Manhole or Catchbasin Rungs CW 2130-R12 Adjustment of Valve Boxes CW 3210-R7 Valve Box Extensions CW 3210-R7 Adjustment of Curb Stop Boxes CW 3210-R7 Curb Stop Extensions CW 3210-R7 LANDSCAPING CW 3510-R9 width < 600 mm	Lifter Rings CW 3210-R7 51 mm each Patching Existing Manholes Replacing Existing Manhole or Catchbasin Rungs Adjustment of Valve Boxes CW 3210-R7 each CW 3210-R7 ea	Lifter Rings CW 3210-R7 QUANTITY 51 mm each 7 Patching Existing Manholes CW 2130-R12 vert. m 1.0 Replacing Existing Manhole or Catchbasin Rungs CW 2130-R12 each 3 Adjustment of Valve Boxes CW 3210-R7 each 6 Valve Box Extensions CW 3210-R7 each 2 Adjustment of Curb Stop Boxes CW 3210-R7 each 50 Curb Stop Extensions CW 3210-R7 each 10 LANDSCAPING CW 3510-R9 160 width < 600 mm	Lifter Rings CW 3210-R7 CW 3210-R7 51 mm each 7 Patching Existing Manholes CW 2130-R12 vert. m 1.0 Replacing Existing Manhole or Catchbasin Rungs CW 2130-R12 each 3 Adjustment of Valve Boxes CW 3210-R7 each 6 Valve Box Extensions CW 3210-R7 each 2 Adjustment of Curb Stop Boxes CW 3210-R7 each 50 Curb Stop Extensions CW 3210-R7 each 10 LANDSCAPING Sodding Width < 600 mm

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	SCOTLAND AVENUE - 50 M WEST OF WE CONCRETE RECONSTRUCTION	NTWORTH ST	TO WEN	TWORTH ST -		
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R19	m³	570		
0.2	Sub-Grade Compaction	CW 3110-R19	m²	820		
2.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	305		
ii)	100 mm		tonne	610		
C.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	70		
C.5	Grading of Boulevards	CW 3110-R19	m²	990		
C.6	Imported Fill Material	CW 3110-R19	m³	40		
C.7	Separation Geotextile Fabric	CW 3130-R4	m²	810		
C.8	Supply and Install Geogrid	CW 3135-R1	m²	90		
	ROADWORKS - RENEWALS					
C.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	700		
C.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	80		
C.11	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	12		
ii)	20 M Deformed Tie Bar		each	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	5		
b)	5 sq.m. to 20 sq.m.		m²	10		
c)	Greater than 20 sq.m.		m²	130		
C.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	7		
C.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	2		
C.15	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	12		
C.16	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	80		
	ROADWORKS - NEW CONSTRUCTION					
C.17	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	340		
C.18	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hr (Reinforced)		m²	340		
C.19	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	85		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	50		
iii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	15		
0.20	100 mm Concrete Sidewalk	CW 3325-R5	m²	75		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
C.21	Reflective Crack Maintenance	CW 3250-R7	m	50		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.22	Catch Basin	CW 2130-R12, E11				
i)	SD-024, 1800 mm deep		each	2		
0.23	Sewer Service	CW 2130-R12				
i)	250 mm					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	3		
b)	Trenchless Installation		m	7		
0.24	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	4.0		
0.25	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1		
0.26	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm Connecting Pipe					
a)	Connecting to 450 mm CS Sewer		each	2		
C.27	Removal of Existing Catch Basins	CW 2130-R12	each	2		
0.28	Removal of Existing Pipes	E12	m	2		
2.29	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2		
0.30	Installation of Subdrains	CW 3120-R4	m	24		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.31	Abandoning Existing Sewer Services Under	CW 2130-R12		Q0/111111		
i)	Pavement Existing Catch Basin Leads (250 mm or		each	2		
1)	smaller)		eacii	2		
C.32	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	90		
	ADJUSTMENTS					
C.33	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
C.34	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
C.35	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1		
C.36	Adjustment of Valve Boxes	CW 3210-R7	each	1		
C.37	Valve Box Extensions	CW 3210-R7	each	1		
C.38	Adjustment of Curb Stop Boxes	CW 3210-R7	each	1		
C.39	Patching of Existing Manholes	CW 2130-R12	vert. m	1		
C.40	Replacing Existing Manhole or Catch Basin Rungs	CW 2130-R12	each	2		
	LANDSCAPING					
C.41	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	25		
ii)	width > or = 600 mm		m²	970		
С	SCOTLAND AVENUE - 50 M WEST OF WE	NTWORTH ST	TO WEN	TWORTH ST -		
	CONCRETE RECONSTRUCTION				Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	JESSIE AVENUE - DALY ST N TO NASSAU RECONSTRUCTION	J ST N - CONCE	RETE			
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m³	1,600		
0.2	Sub-Grade Compaction	CW 3110-R19	m²	2,300		
0.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	900		
ii)	100 mm		tonne	1,720		
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	185		
D.5	Grading of Boulevards	CW 3110-R19	m²	2,220		
D.6	Imported Fill Material	CW 3110-R19	m³	70		
0.7	Separation Geotextile Fabric	CW 3130-R4	m²	2,200		
0.8	Supply and Install Geogrid	CW 3135-R1	m²	475		
	ROADWORKS - RENEWALS					
0.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2,000		
0.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	110		
D.11	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	40		
ii)	20 M Deformed Tie Bar		each	50		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	30		
b)	5 sq.m. to 20 sq.m.		m²	20		
c)	Greater than 20 sq.m.		m²	715		
D.13	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1		
D.14	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1		
D.15	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	5		
D.16	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	3		
D.17	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	25		
	ROADWORKS - NEW CONSTRUCTION					
D.18	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	1,460		
D.19	Concrete Pavements for Early Opening	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hr (Reinforced)		m²	400		
D.20	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Integral)	SD-204	m	420		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	50		
iii)	Construction of Lip Curb (40 mm ht, Integral)	SD-202B	m	15		
iv)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	50		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.21	Interlocking Paving Stones	CW 3330-R5	m²	2		
	JOINT AND CRACK SEALING					
D.22	Reflective Crack Maintenance	CW 3250-R7	m	25		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.23	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	6		
0.24	Sewer Service	CW 2130-R12				
i)	250 mm					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	8		
b)	Trenchless Installation		m	20		
0.25	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	22.0		
0.26	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1		
0.27	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
0.28	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm Connecting Pipe					
a)	Connecting to 2.4x1.875 CS		each	4		
0.29	Removal of Existing Catch Basins	CW 2130-R12	each	7		
0.30	Removal of Existing Pipes	E12	m	8		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.31	Abandoning Existing Drainage Inlets	CW 2130-R12	each	5		
D.32	Installation of Subdrains	CW 3120-R4	m	72		
D.33	Abandoning Existing Sewer Services Under Pavement	CW 2130-R12				
i)	Existing Catch Basin Leads (250 mm or smaller)		each	7		
D.34	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	380		
	ADJUSTMENTS					
D.35	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
D.36	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
D.37	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1		
D.38	Adjustment of Valve Boxes	CW 3210-R7	each	3		
D.39	Valve Box Extensions	CW 3210-R7	each	2		
D.40	Adjustment of Curb Stop Boxes	CW 3210-R7	each	5		
D.41	Patching of Existing Manholes	CW 2130-R12	vert. m	1		
D.42	Replacing Existing Manhole or Catch Basin Rungs	CW 2130-R12	each	2		
	LANDSCAPING					
D.43	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	190		
ii)	width > or = 600 mm		m²	2,030		
D	JESSIE AVENUE - DALY ST N TO NASSAU RECONSTRUCTION	Subtotal:				



ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	COCKBURN STREET SOUTH - RATHGAR ASPHALT RECONSTRUCTION	AVE TO KYLEN	MORE A	VE -		
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m³	1020		
E.2	Sub-Grade Compaction	CW 3110-R19	m²	1500		
E.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	605		
ii)	100 mm		tonne	1170		
E.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	155		
E.5	Grading of Boulevards	CW 3110-R19	m²	1150		
E.6	Separation Geotextile Fabric	CW 3130-R4	m²	1300		
E.7	Supply and Install Geogrid	CW 3135-R1	m²	700		
	ROADWORKS - RENEWALS					
≣.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1400		
Ξ.9	Drilled Tie Bars	CW 3230-R8				
i)	15 M Deformed Tie Bar		each	48		
E.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m²	10		
b)	5 sq.m. to 20 sq.m.		m²	20		
C)	Greater than 20 sq.m.		m²	400		
≣.11	Concrete Curb Renewal	CW 3240-R10				
i)	Curb Ramp (8-12 mm reveal ht, Monolithic)	SD-229C,D	m	10		

E.12		REF.		QUANTITY	
L. 12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1	
E.13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1	
E.14	Construction of Asphaltic Concrete Overlay	CW 3410-R11			
i)	Tie-ins and Approaches				
а	Type IA		tonne	30	
E.15	Planing of Pavement	CW 3450-R6			
i)	0 - 50 mm Depth (Asphalt)		m²	250	
	ROADWORKS - NEW CONSTRUCTION				
E.16	Concrete Pavements for Early Opening	CW 3310-R17			
i)	Construction of 150 mm Concrete Pavement for Early Opening 72hr (Reinforced)		m²	150	
E.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17			
i)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	50	
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	200	
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	15	
iv)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	60	
v)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	20	
vi)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	30	
E.18	Construction of Asphaltic Concrete Pavements	CW 3410-R11			
i)	Main Line Paving				
а	Type IA		tonne	240	
ii)	Tie-ins and Approaches				
а	Type IA		tonne	30	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
Ξ.19	Reflective Crack Maintenance	CW 3250-R7	m	320		
Ξ.20	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Catch Basin	CW 2130-R12				
20	Catch basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		
E.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class 2 Type B Bedding, Class 2 Backfill		m	5		
b)	Trenchless Installation		m	15		
E.22	Sewer Service Risers	CW 2130-R12				
i)	250 mm					
a)	SD-015		vert. m	20.0		
E.23	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	2		
.24	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm PVC Connecting Pipe					
a)	Connecting to 900 mm Concrete Combined Sewer		each	4		
E.25	Removal of Existing Catch Basins	CW 2130-R12	each	4		
E.26	Abandoning Existing Sewer Service Under Pavement	CW 2130-R12				
i)	Existing Catchbasin Leads (250 mm or smaller)		each	4		
.27	Removal of Existing Pipes	E12	m	8		
.28	Abandoning Existing Drainage Inlets	CW 2130-R12	each	4		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.29	Installation of Subdrains	CW 3120-R4	m	48		
	ADJUSTMENTS					
E.30	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
E.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
ii)	Brick Risers		vert. m	1.0		
E.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2		
E.33	Patching Existing Manholes	CW 2130-R12	vert. m	1.0		
E.34	Replacing Existing Manhole or Catchbasin Rungs	CW 2130-R12	each	2		
E.35	Adjustment of Valve Boxes	CW 3210-R7	each	3		
E.36	Valve Box Extensions	CW 3210-R7	each	2		
E.37	Adjustment of Curb Stop Boxes	CW 3210-R7	each	3		
E.38	Curb Stop Extensions	CW 3210-R7	each	2		
	LANDSCAPING					
E.39	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	75		
ii)	width > or = 600 mm		m²	1100		
E	COCKBURN STREET SOUTH - RATHGAR ASPHALT RECONSTRUCTION	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2 MANITOBA HYDRO FUNDED WORK (See B9.5, B15.2.1, B16.4, D2, D14.2-3, D16.4)						
F	JESSIE AVENUE - DALY ST N TO NASSAU	ST N - STREE	T LIGHT	ING		
F.1	Removal of 25' to 35' street light pole and precast, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and appurtenances.	E16	each	5		
F.2	Installation of 50 mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex).	E16	m	261		
F.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16	each	5		
F.4	Install / lower 3 m of Cable Guard, ground lug, cable up pole, and first 3 m section of ground rod per Standard CD 315-5.	E16	each	2		
F.5	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16	each	7		
F.6	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E16	per span	6		
F.7	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E16	per span	6		
F.8	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E16	each	2		
F	JESSIE AVENUE - DALY ST N TO NASSAU ST N - STREET LIGHTING			Subtotal:		

The City of Winnipeg Bid Opportunity No. 180-2016 Template Version: C420160226-RW

FORM B: PRICES (SEE B9)

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IIEM	DESCRIPTION	SPEC. REF.	UNII	QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1	CITY FUNDED WORK					
Α	A MATHERS AVENUE - CAMPBELL ST TO ASH ST - CONCRETE RECONSTRUCTION					
В	B LORETTE AVENUE - STAFFORD ST TO ARBUTHNOT ST - ASPAHLT REHABILITATION					
С	C SCOTLAND AVENUE - 50 M WEST OF WENTWORTH ST TO WENTWORTH ST - CONCRETE RECONSTRUCTION Subtota					
D	D JESSIE AVENUE - DALY ST N TO NASSAU ST N - CONCRETE RECONSTRUCTION Subtota					
E	E COCKBURN STREET SOUTH - RATHGAR AVE TO KYLEMORE AVE - ASPHALT RECONSTRUCTION				Subtotal:	
(total price) PART 1						
PART 2 MANITOBA HYDRO FUNDED WORK (See B9.5, B15.2.1, B16.4, D2, D14.2-3, D16.4)						
F	JESSIE AVENUE - DALY ST N TO NASSAU	ST N - STREE	T LIGHT	'ING	Subtotal:	
(total price) PART 2						
TOTAL BI	TOTAL BID PRICE (GST extra) (in figures)					

(Seal)

Template Version: C420150806 - RW

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				
the "Obligee") in the sum of ten percent (10		fter described		
BID OPPORTUNITY NO. 180-2016				
2016 LOCAL STREETS PACKAGE – JESS LOCATIONS.	SIE AVENUE, MATHERS AVENUE AND VARIOU	S OTHER		
as more fully set out in the Bid Opportunity.				
if said Bid is accepted and the Principal, in the said Obligee and furnishes the required	oligation is such that if the Bid of the Principal is no accordance with the terms of the Bid, enters into a performance security for guaranteeing the faithful, but otherwise shall remain in full force and effect	Contract with		
IN WITNESS WHEREOF the Principal and	Surety have signed and sealed this bond the			
day of	, 20			
SIGNED AND SEALED in the presence of:	(Name of Principal) Per:	(Seal)		
(Witness as to Principal if no seal)	Per:			
	(Name of Surety)			

By:

(Attorney-in-Fact)

_____ (Seal)

Template Version: C420150806 - RW

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, (Name of Bidder) (Place) the Bidder to you on ______, 20____ for BID OPPORTUNITY NO. 180-2016 2016 LOCAL STREETS PACKAGE - JESSIE AVENUE, MATHERS AVENUE 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 ______, 20______, (Name of Surety)

(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. 180-2016
2016 LOCAL STREETS PACKAGE – JESSIE AVENUE, MATHERS AVENUE 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 June 28, 2016.

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:			
1 61.	(A. Abaria ad Ciarria a Officer)		
	(Authorized Signing Officer)		
Per:			
	(Authorized Signing Officer)		