## FORM A: BID (See B9)

1.	Contract Title	2016 Alley renewals – Contrac	ct No.2	
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	e above name.	
3.	Contact Person	The Bidder hereby authorizes the Bidder for purposes of the		on to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms used in ascribed to them in the Gener		the meanings
5.	Offer	The Bidder hereby offers to Contract for the Total Bid Price 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. 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)

		(SEE B10)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Α	Chestnut St./Walnut St Bounded by Ches		t St., We			
	Ave. and Preston Ave.					
A.1	EARTH AND BASE WORKS	CW 3110-R19	m³	628.0		
A.2	Sub-Grade Compaction	CW 3110-R19	m²	1117.0		
A.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	820.0		
A.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	84.0		
A.5	Grading of Boulevards	CW 3110-R19	m²	50.0		
A.6	Separation Geotextile Fabric	CW 3130-R4	m²	1117.0		
A.7	Preparation of Existing Roadway	CW 3150-R4	m²	61.5		
A.8	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	60.0		
A.9	Supplying and Placing Approach Surfacing Material	E.13	tonne	120.0		
	ROADWORKS - RENEWALS					
A.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1070.5		
ii)	Asphalt Pavement		m²	10.0		
A.11	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	150.0		
A.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	28.0		
A.13	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	28.0		
A.14	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
	) 5 sq.m. to 20 sq.m.	-	m²	20.0		
		CW 2025 DO				
A.15	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		

ייסס דוואנו		(SEE B10)				
UNIT PRI	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
A.16	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
A.17	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
A.18	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	25.0		
A.19	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	30.0		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	13.5		
A.20	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	8.0		
A.21	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	5.0		
	ROADWORKS - NEW CONSTRUCTION					
A.22	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	925.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.23	Manhole	CW 2130-R12				
i)	SD-010, 1200 mm diameter base		vert. m	2.8		
A.24	Catch Basin	CW 2130-R12				
i)	SD-025, 1800 mm deep		each	3.0		
A.25	Sewer Service	CW 2130-R12				
i)	300 mm, Land Drainage Sewer					
a)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	140.0		

		(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
A.26	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	4.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1.0		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	3.0		
A.27	Connecting to Existing Sewer	CW 2130-R12				
i)	300mm (PVC) Connecting Pipe					
a)	Connecting to 1200mm x 1500mm (Clay) Sewer		each	1.0		
A.28	Installation of Subdrains	CW 3120-R4	m	36.0		
A.29	Sewer Inspection	CW 2145-R3				
i)	300 mm		m	140.0		
A.30	Outlet Flow Restrictor	E.14				
i)	100mm		each	1.0		
	ADJUSTMENTS					
A.31	Catchbasin Risers	CW 2130-R12, E.15				
i)	Pre-cast Concrete Risers		vert. m	1.4		
A.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	4.0		
A.33	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	1		
	LANDSCAPING					
A.34	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	50.0		
Α	Chestnut St./Walnut St Bounded by Ches	stnut St., Walnu	t St., We	estminster_		
	Ave. and Preston Ave.				Subtotal:	

	2FS	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
в	Fife St./McPhillips St. Alley - The Eastern n Fife St., McPhillips St., Troy Ave. and Chan		h block	bounded by		
B.1	EARTH AND BASE WORKS	CW 3110-R19	m³	534.5		
B.2	Sub-Grade Compaction	CW 3110-R19	M2	1184.5		
B.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	870.0		
B.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	75.0		
B.5	Grading of Boulevards	CW 3110-R19	m²	100.0		
B.6	Separation Geotextile Fabric	CW 3130-R4	m²	1184.5		
B.7	Preparation of Existing Roadway	CW 3150-R4	m²	190.0		
	ROADWORKS - RENEWALS					
B.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1002.5		
ii)	Asphalt Pavement		m²	190.5		
B.9	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	10.0		
B.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	65.0		
B.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	65.0		
B.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	20.0		
B.13	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	40.0		

UNIT PRIC		(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
B.14	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	55.0		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	13.5		
B.15	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	8.0		
B.16	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	130.0		
	ROADWORKS - NEW CONSTRUCTION					
B.17	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	1002.5		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.18	Manhole	CW 2130-R12				
i)	SD-010, 1200 mm diameter base		vert. m	1.4		
B.19	Catch Basin	CW 2130-R12				
i)	SD-025, 1200 mm deep		each	1.0		
B.20	Sewer Service	CW 2130-R12				
i)	300 mm, Land Drainage Sewer					
a)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	76.0		
B.21	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1.0		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	2.0		
B.22	Connecting to Existing Catch Basin	CW 2130-R12				
i)	300 mm Drainage Connection Pipe		each	1.0		

		(SEE D10)				
UNIT PRI	CES					
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
B.23	Installation of Subdrains	CW 3120-R4	m	12.0		
B.24	Sewer Inspection	CW 2145-R3				
i)	300 mm		m	76.0		
	ADJUSTMENTS					
B.25	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1.0		
B.26	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
B.27	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3.0		
	LANDSCAPING					
B.28	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	75.0		
В	Fife St./McPhillips St. Alley - The Eastern I Fife St., McPhillips St., Troy Ave. and Char		th block	bounded by	Subtotal:	

		(SEE B10)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	Garfield St. N./Sherburn St Bounded by (	•	Sherburr			
C.1	EARTH AND BASE WORKS	CW 3110-R19	m³	400.0		
C.2	Sub-Grade Compaction	CW 3110-R19	m²	856.0		
C.3	Crushed Sub-base Material	CW 3110-R19	111-	050.0		
i)	50 mm	000 3110-1(19	tonne	640.0		
" C.4	Supplying and Placing Base Course Material	CW 3110-R19	m <sup>3</sup>	65.0		
C.5	Grading of Boulevards	CW 3110-R19	m²	55.0		
C.6	Separation Geotextile Fabric	CW 3130-R4	m²	856.0		
C.6 C.7	Supply and Install Geogrid	CW 3130-R4 CW 3135-R1	m²	50.0		
C.8		CW 3150-R4		87.5		
	Preparation of Existing Roadway		m²	c.16		
C.9	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	16.0		
C.10	Supplying and Placing Approach Surfacing Material	E.13	tonne	25.0		
	ROADWORKS - RENEWALS					
C.11	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	710.0		
ii)	Asphalt Pavement		m²	36.0		
C.12	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	95.0		
C.13	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	42.0		
C.14	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	42.0		
C.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	5 sq.m. to 20 sq.m.		m²	45.0		

	2ES	(SEE B10)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.16	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
C.17	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
C.18	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
C.19	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	50.5		
C.20	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	38.5		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	20.0		
C.21	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A		10.0		
а) С.22	Less than 3 m Construction of Asphaltic Concrete Overlay	CW 3410-R11	m	12.0		
		GW 3410-K11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	20.0		
	ROADWORKS - NEW CONSTRUCTION					
C.23	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	710.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
C.24	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-025		each	1.0		
C.25	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1.0		
ii)	AP-006 - Standard Grated Cover for Standard Frame		each	1.0		
C.26	Connecting to Existing Sewer	CW 2130-R12				
.)	300 mm (PVC) Connecting Pipe					
i)						

		(SEE BIU)				
UNIT PRI						
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
C.27	Installation of Subdrains	CW 3120-R4	m	12.0		
C.28	Sewer Cleaning	CW 2140-R3, E.19				
i)	300 mm		m	43.0		
	ADJUSTMENTS					
C.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1.0		
C.30	Catchbasin Risers	CW 2130-R12, E.15				
i)	Pre-cast Concrete Risers		vert. m	0.2		
C.31	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
C.32	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1.0		
	LANDSCAPING					
C.33	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	75.0		
с	Garfield St. N./Sherburn St Bounded by Notre Dame	Garfield St. N., S	Sherburn	<u>St. and</u>	Subtotal:	

	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
D	Main St. (Semple Ave./Burrin Ave.) - The W bounded by Main St., Scotia St., Semple A			th block		
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m³	225.0		
D.2	Sub-Grade Compaction	CW 3110-R19	m²	510.0		
D.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	400.0		
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	38.5		
D.5	Grading of Boulevards	CW 3110-R19	m²	40.0		
D.6	Separation Geotextile Fabric	CW 3130-R4	m²	510.0		
D.7	Supply and Install Geogrid	CW 3135-R1	m²	25.0		
D.8	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	5.0		
D.9	Supplying and Placing Approach Surfacing Material	E.13	tonne	5.0		
	ROADWORKS - RENEWALS					
D.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	425.0		
ii)	Asphalt Pavement		m²	75.5		
D.11	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	20.0		
D.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	27.0		
D.13	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	27.0		
D.14	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	30.0		
ii)	Barrier (Separate)		m	25.0		

	2ES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
D.15	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	25.0		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	13.5		
D.16	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	8.0		
D.17	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	40.0		
	ROADWORKS - NEW CONSTRUCTION					
D.18	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	425.0		
	ADJUSTMENTS					
D.19	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1.0		
D.20	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1.0		
	LANDSCAPING					
D.21	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	40.0		
D	Main St. (Semple Ave./Burrin Ave.) - The W bounded by Main St., Scotia St., Semple A			th block	Subtotal:	

	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
Е	Main St. (Kingsbury Ave./Royal Ave.) - The bounded by Main St., Scotia St., Kingsbury			outh block		
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R19	m³	175.0		
E.2	Sub-Grade Compaction	CW 3110-R19	m²	396.5		
E.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	315.0		
E.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	30.0		
E.5	Grading of Boulevards	CW 3110-R19	m²	20.0		
E.6	Separation Geotextile Fabric	CW 3130-R4	m²	396.5		
E.7	Supply and Install Geogrid	CW 3135-R1	m²	20.0		
E.8	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	5.0		
E.9	Supplying and Placing Approach Surfacing Material	E.13	tonne	5.0		
	ROADWORKS - RENEWALS					
E.10	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	330.0		
ii)	Asphalt Pavement		m²	63.0		
E.11	Slab Replacement	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	15.0		
E.12	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	27.0		
E.13	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	27.0		
E.14	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	30.0		

UNIT PRIC	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
E.15	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	24.0		
E.16	Concrete Curb Installation	CW 3240-R10				
	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	24.0		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	13.5		
E.17	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m	00 200/1	m	8.0		
E.18	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	25.0		
	ROADWORKS - NEW CONSTRUCTION					
	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	330.0		
	LANDSCAPING					
E.20	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	25.0		
Е	Main St. (Kingsbury Ave./Royal Ave.) - The bounded by Main St., Scotia St., Kingsbury			outh block	Subtotal:	

JNIT PRI		(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	Newman St./Basswood Pl Bounded by N	REF. ewman St., Bas	swood F	QUANTITY Pl., Wolselev		
F	Ave. and Portage Ave.					
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	M3	840.0		
F.2	Sub-Grade Compaction	CW 3110-R19	m²	2020.5		
F.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1425.0		
F.4	Supplying and Placing Base Course Material	CW 3110-R19	M3	152.0		
F.5	Grading of Boulevards	CW 3110-R19	m²	90.0		
F.6	Separation Geotextile Fabric	CW 3130-R4	m²	2020.5		
F.7	Supply and Install Geogrid	CW 3135-R1	m²	50.0		
F.8	Preparation of Existing Roadway	CW 3150-R4	m²	195.0		
F.9	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	33.5		
F.10	Supplying and Placing Approach Surfacing Material	E.13	tonne	45.0		
	ROADWORKS - RENEWALS					
F.11	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1680.0		
ii)	Asphalt Pavement		m²	5.0		
F.12	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	285.0		
F.13	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	56.0		
F.14	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	56.0		
F.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	60.0		

JNIT PRI	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
16	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
17	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
F.18	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
F.19	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	61.0		
F.20	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	46.0		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	26.5		
F.21	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a	Less than 3 m		m	16.0		
F.22	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	15.0		
F.23	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	2.0		
	ROADWORKS - NEW CONSTRUCTION					
F.24	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	1680.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
F.25	Catch Basin	CW 2130-R12				
i)	SD-025, 1800 mm deep		each	5.0		
F.26	Sewer Service	CW 2130-R12				
i)	300 mm, Land Drainage Sewer					
a)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	202.5		

JNIT PRIC	ΣE8	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
.27	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	5.0		
ii)	AP-006 - Standard Grated Cover for Standard Frame		each	5.0		
.28	Connecting to Existing Sewer	CW 2130-R12				
i)	300 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (UNKN) Sewer		each	1.0		
.29	Removal of Existing Catch Basins	CW 2130-R12	each	1.0		
30	Installation of Subdrains	CW 3120-R4	m	60.0		
31	Sewer Inspection	CW 2145-R3				
i)	300 mm		m	202.5		
.32	Sewer Cleaning	CW 2140-R3, E.19				
i)	300 mm		m	46.5		
33	Outlet Flow Restrictor	E.14				
i)	100mm		each	1.0		
	ADJUSTMENTS					
34	Catchbasin Risers	CW 2130-R12, E.15				
i)	Pre-cast Concrete Risers		vert. m	1.6		
.35	Lifter Rings	CW 3210-R7				
i)	51 mm		each	5.0		
	LANDSCAPING					
.36	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	135.0		
F	<u>Newman St./Basswood Pl Bounded by Newman St./Basswood Pl Bounded by New Ave.</u>	ewman St., Bas	swood F	PI., Wolseley	Subtotal:	

DESCRIPTION Perth Ave./Jefferson Ave The South/East	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
Parth Ave / lefferson Ave - The South/East				ONTITUOE	AWOUNT
F CIUI AVC./JCIICI JUII AVC THE JUULI/LOSU	REF.	lock bo	QUANTITY		
Perth Ave., Jefferson Ave., St. Andrews St.					
EARTH AND BASE WORKS					
Excavation	CW 3110-R19	m³	460.0		
Sub-Grade Compaction	CW 3110-R19	m²	766.0		
Crushed Sub-base Material	CW 3110-R19				
50 mm		tonne	575.0		
Supplying and Placing Base Course Material	CW 3110-R19	m³	58.0		
Grading of Boulevards	CW 3110-R19	m²	55.0		
Separation Geotextile Fabric	CW 3130-R4	m²	766.0		
Supply and Install Geogrid	CW 3135-R1	m²	50.0		
Preparation of Existing Roadway	CW 3150-R4	m²	50.0		
Surfacing Material	CW 3150-R4				
Limestone		tonne	5.0		
Supplying and Placing Approach Surfacing Material	E.13	tonne	5.0		
ROADWORKS - RENEWALS					
Pavement Removal	CW 3110-R19				
Concrete Pavement		m²	655.0		
Asphalt Pavement		m²	230.0		
Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
150 mm Concrete Pavement (Reinforced)		m²	5.0		
Drilled Dowels	CW 3230-R8				
19.1 mm Diameter		each	32.0		
Drilled Tie Bars	CW 3230-R8				
20 M Deformed Tie Bar		each	32.0		
Miscellaneous Concrete Slab Renewal	CW 3235-R9				
100 mm Sidewalk	SD-228A				
5 sq.m. to 20 sq.m.		m²	30.0		
	Sub-Grade Compaction Crushed Sub-base Material 50 mm Supplying and Placing Base Course Material Grading of Boulevards Separation Geotextile Fabric Supply and Install Geogrid Preparation of Existing Roadway Surfacing Material Limestone Supplying and Placing Approach Surfacing Material <b>ROADWORKS - RENEWALS</b> Pavement Removal Concrete Pavement Asphalt Pavement Slab Replacement - Early Opening (24 hour) 150 mm Concrete Pavement (Reinforced) Drilled Dowels 19.1 mm Diameter Drilled Tie Bars 20 M Deformed Tie Bar Miscellaneous Concrete Slab Renewal 100 mm Sidewalk	Sub-Grade CompactionCW 3110-R19Crushed Sub-base MaterialCW 3110-R1950 mmCW 3110-R19Supplying and Placing Base Course MaterialCW 3110-R19Grading of BoulevardsCW 3110-R19Separation Geotextile FabricCW 3130-R4Supply and Install GeogridCW 3135-R1Preparation of Existing RoadwayCW 3150-R4Surfacing MaterialCW 3150-R4LimestoneE.13ROADWORKS - RENEWALSE.13Pavement RemovalCW 3110-R19Concrete PavementCW 3110-R19Slab Replacement - Early Opening (24 hour)CW 3230-R8150 mm Concrete Pavement (Reinforced)CW 3230-R819.1 mm DiameterCW 3230-R819.1 mm DiameterCW 3230-R820 M Deformed Tie BarCW 3230-R820 M Deformed Tie BarCW 3235-R9100 mm SidewalkSD-228A	Sub-Grade CompactionCW 3110-R19m²Crushed Sub-base MaterialCW 3110-R19tonneSupplying and Placing Base Course MaterialCW 3110-R19m³Grading of BoulevardsCW 3110-R19m²Separation Geotextile FabricCW 3130-R4m²Supply and Install GeogridCW 3135-R1m²Preparation of Existing RoadwayCW 3150-R4m²Surfacing MaterialCW 3150-R4m²LimestonetonnetonneSupplying and Placing Approach Surfacing MaterialE.13tonneROADWORKS - RENEWALSm²m²Pavement RemovalCW 3110-R19m²Concrete Pavementm²m²Isba Replacement - Early Opening (24 hour)CW 3230-R8m²150 mm Concrete Pavement (Reinforced)CW 3230-R8m²19.1 mm DiameterCW 3230-R8eachDrilled DowelsCW 3230-R8each100 mm SidewalkSD-228Ai	Sub-Grade CompactionCW 3110-R19m²766.0Crushed Sub-base MaterialCW 3110-R19rr50 mmtonne575.0Supplying and Placing Base Course MaterialCW 3110-R19m³58.0Grading of BoulevardsCW 3110-R19m²55.0Separation Geotextile FabricCW 3130-R4m²766.0Supply and Install GeogridCW 3135-R1m²50.0Preparation of Existing RoadwayCW 3150-R4m²50.0Surfacing MaterialCW 3150-R4m²50.0Limestonetonne5.05.0Supplying and Placing Approach Surfacing MaterialE.13tonne5.0ROADWORKS - RENEWALS Pavement Removalm²655.0Asphalt Pavementm²230.0Slab Replacement - Early Opening (24 hour)CW 3230-R8m²5.0150 mm Concrete Pavement (Reinforced)m²5.0Drilled DowelsCW 3230-R820.032.0Orilled Tie BarsCW 3230-R820.032.0100 mm SidewalkSD-228ACW 3235-R932.0	Sub-Grade CompactionCW 3110-R19m²766.0Crushed Sub-base MaterialCW 3110-R19tonne575.0Supplying and Placing Base Course MaterialCW 3110-R19m³58.0Grading of BoulevardsCW 3110-R19m²55.0Separation Geotextile FabricCW 3130-R4m²766.0Supply and Install GeogridCW 3135-R1m²50.0Preparation of Existing RoadwayCW 3150-R4m²50.0Surfacing MaterialCW 3150-R4m²50.0Limestonetonne5.0Supplying and Placing Approach Surfacing MaterialE.13tonne5.0ROADWORKS - RENEWALS Pavement Removalm²655.0Asphalt Pavementm²50.0Slab Replacement - Early Opening (24 hour)CW 3230-R8m²5.0Drilled DowelsCW 3230-R8m²5.019.1 mm DiameterCW 3230-R8acach32.0Drilled Tie BarsCW 3230-R8acach32.0100 mm SidewalkSD-228Aii

UNIT PRIC		(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
G.16	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
G.17	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
G.18	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
G.19	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	36.0		
G.20	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht,	SD-203B	m	28.0		
ii)	Dowelled) Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	13.5		
G.21	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205,				
a)	Less than 3 m	SD-206A	m	8.0		
G.22	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	85.0		
	ROADWORKS - NEW CONSTRUCTION					
G.23	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	655.0		
	ADJUSTMENTS					
G.24	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1.0		
G.25	Lifter Rings	CW 3210-R7				
i)	51 mm		each	1.0		
	LANDSCAPING					
G.26	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	55.0		
G	Perth Ave./Jefferson Ave The South/East	corner of the b	olock bo	unded by	Subtotal:	

JNIT PRI	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	St. Anthony Ave./Jefferson Ave Bounded	REF.	Ave .	QUANTITY		
Н	Ave., McKenzie St. and McGregor St.		<u>, , , , , , , , , , , , , , , , , , , </u>			
	EARTH AND BASE WORKS					
H.1	Excavation	CW 3110-R19	m³	523.0		
H.2	Sub-Grade Compaction	CW 3110-R19	m²	1117.5		
H.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	800.0		
H.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	84.0		
H.5	Grading of Boulevards	CW 3110-R19	m²	35.0		
H.6	Separation Geotextile Fabric	CW 3130-R4	m²	1060.0		
H.7	Supply and Install Geogrid	CW 3135-R1	m²	50.0		
H.8	Preparation of Existing Roadway	CW 3150-R4	m²	115.0		
H.9	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	15.0		
H.10	Supplying and Placing Approach Surfacing Material	E.13	tonne	35.0		
	ROADWORKS - RENEWALS					
H.11	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1303.0		
ii)	Asphalt Pavement		m²	35.0		
H.12	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	360.0		
H.13	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25.0		
H.14	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	25.0		
H.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	5 sq.m. to 20 sq.m.		m²	35.0		

ייסס דווארו	~EQ	(SEE B10)				
UNIT PRI ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.16	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	QUANTITY 1.0		
H.17	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
H.18	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
H.19	Concrete Curb Removal	CW 3240-R10		-		
i)	Barrier (Separate)		m	28.0		
H.20	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht,	SD-203B	m	20.0		
ii)	Dowelled) Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	10.0		
H.21	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205,				
a	Less than 3 m	SD-206A	m	6.0		
H.22	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	10.0		
	ROADWORKS - NEW CONSTRUCTION					
H.23	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	945.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
H.24	Manhole	CW 2130-R12				
i)	SD-010, 1200 mm diameter base		vert. m	2.0		
H.25	Catch Basin	CW 2130-R12				
i)	SD-025, 1200 mm deep		each	2.0		
H.26	Sewer Service	CW 2130-R12				
i)	300 mm, Land Drainage Sewer					
a)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	128.0		

	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
1.27	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3.0		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1.0		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	2.0		
H.28	Connecting to Existing Manhole	CW 2130-R12				
i)	300mm Catch Basin Lead		each	1.0		
H.29	Removal of Existing Catch Basins	CW 2130-R12	each	2.0		
H.30	Abandoning Existing Drainage Inlets	CW 2130-R12	each	2.0		
H.31	Abandoning Existing 250mm Sewer	CW 2130-R12	each	2.0		
H.32	Removal of Existing Sewer	E.20	m	29.0		
H.33	Installation of Subdrains	CW 3120-R4	m	24.0		
H.34	Sewer Inspection	CW 2145-R3				
i)	300 mm		m	128.0		
H.35	Outlet Flow Restrictor	E.14				
i)	150mm		each	1.0		
	ADJUSTMENTS					
H.36	Catchbasin Risers	CW 2130-R12, E.15				
i)	Pre-cast Concrete Risers		vert. m	0.5		
H.37	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3.0		
	LANDSCAPING					
H.38	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	50.0		
н	<u>St. Anthony Ave./Jefferson Ave Bounded</u> Ave., McKenzie St. and McGregor St.	by St. Anthon	/ Ave., J	efferson	Subtotal:	

	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	Vistor 24 (Assess 24 Devended by Vistor C	REF.	line Ave			
I	Victor St./Agnes St Bounded by Victor St. Ave.	<u>., Agnes St., En</u>	iice Ave.	and Sargent		
	EARTH AND BASE WORKS					
l.1	Excavation	CW 3110-R19	m³	895.0		
1.2	Sub-Grade Compaction	CW 3110-R19	m²	1966.5		
1.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	1450.0		
1.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	150.0		
1.5	Grading of Boulevards	CW 3110-R19	m²	50.0		
1.6	Separation Geotextile Fabric	CW 3130-R4	m²	1996.5		
1.7	Supply and Install Geogrid	CW 3135-R1	m²	50.0		
1.8	Preparation of Existing Roadway	CW 3150-R4	m²	228.0		
1.9	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	30.0		
I.10	Supplying and Placing Approach Surfacing Material	E.13	tonne	65.0		
	ROADWORKS - RENEWALS					
l.11	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1650.0		
ii)	Asphalt Pavement		m²	45.0		
l.12	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	610.0		
I.13	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	24.0		
I.14	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	24.0		
I.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	30.0		

ITEM	CES DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
.16	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
.17	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
.18	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
.19	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	20.0		
.20	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	20.0		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	13.5		
.21	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
aj	Less than 3 m	3D-200A	m	8.0		
.22	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
aj	Туре ІА		tonne	10.0		
	ROADWORKS - NEW CONSTRUCTION					
.23	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	1650.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
.24	Catch Basin	CW 2130-R12				
i)	SD-025, 1200 mm deep		each	2.0		
25	Sewer Service	CW 2130-R12				
i)	300 mm, Land Drainage Sewer					
aj	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	68.0		
.26	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-025 (1800mm)		each	2.0		

	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
.27	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	4.0		
ii)	AP-006 - Standard Grated Cover for Standard Frame		each	4.0		
.28	Connecting to Existing Sewer	CW 2130-R12				
i)	300 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (UNKN) Sewer		each	1.0		
.29	Removal of Existing Catch Basins	CW 2130-R12	each	2.0		
1.30	Installation of Subdrains	CW 3120-R4	m	48.0		
1.31	Sewer Inspection	CW 2145-R3				
i)	300 mm		m	68.0		
.32	Sewer Cleaning	CW 2140-R3, E.19				
i)	300 mm	2.15	m	194.0		
.33	Outlet Flow Restrictor	E.14				
i)	100mm		each	1.0		
	ADJUSTMENTS					
.34	Catchbasin Risers	CW 2130-R12, E.15				
i)	Pre-cast Concrete Risers	L.13	vert. m	1.4		
.35	Lifter Rings	CW 3210-R7				
i)	51 mm		each	4.0		
.36	Adjustment of Valve Boxes	CW 3210-R7	each	1.0		
	LANDSCAPING					
.37	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	25.0		
I	Victor St./Agnes St Bounded by Victor St	., Agnes St., El	lice Ave.	and Sargent	Subtotal:	
	<u>Ave.</u>					

	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	Vouna St (Spanso St. Dounded by Vouna	REF.	Saraan	QUANTITY		
J	Young St./Spence St Bounded by Young Cumberland Ave.	<u>st., spence st.,</u>	Sargen	t Ave. and		
	EARTH AND BASE WORKS					
J.1	Excavation	CW 3110-R19	m³	635.0		
J.2	Sub-Grade Compaction	CW 3110-R19	m²	1278.0		
J.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	905.0		
J.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	96.0		
J.5	Grading of Boulevards	CW 3110-R19	m²	25.0		
J.6	Separation Geotextile Fabric	CW 3130-R4	m²	1278.0		
J.7	Supply and Install Geogrid	CW 3135-R1	m²	50.0		
J.8	Preparation of Existing Roadway	CW 3150-R4	m²	142.0		
J.9	Surfacing Material	CW 3150-R4				
i)	Limestone		tonne	5.0		
J.10	Supplying and Placing Approach Surfacing Material	E.13	tonne	45.0		
	ROADWORKS - RENEWALS					
J.11	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	1055.0		
ii)	Asphalt Pavement		m²	90.0		
J.12	Slab Replacement - Early Opening (24 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	300.0		
J.13	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	26.0		
J.14	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	26.0		
J.15	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	30.0		

	2ES	(SEE B10)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
.16	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
.17	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
.18	Removal of Precast Sidewalk Blocks	CW 3235-R9	m²	1.0		
l.19	Concrete Curb Removal	CW 3240-R10				
i)	Barrier (Separate)		m	30.0		
J.20	Concrete Curb Installation	CW 3240-R10				
i)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	25.0		
ii)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229A,B,C	m	13.5		
J.21	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (150 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m	0D-200A	m	8.0		
J.22	Regrading Existing Interlocking Paving Stones	CW 3330-R5	M²	20.0		
J.23	Construction of Asphaltic Concrete Overlay	CW 3410-R11				
i)	Tie-ins and Approaches					
a)	Туре ІА		tonne	20.0		
	ROADWORKS - NEW CONSTRUCTION					
J.24	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m²	1055.0		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
J.25	Catch Basin	CW 2130-R12				
i)	SD-025, 1200 mm deep		each	1.0		
ii)	SD-025, 1800 mm deep		each	1.0		
1.26	Sewer Service	CW 2130-R12				
i)	250 mm, Land Drainage Sewer					
a)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	85.0		

JNIT PRIC	CES	(SEE B10)				
ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
J.27	Connecting to Existing Sewer	CW 2130-R12				
i)	250mm (PVC) Connecting Pipe					
a)	Connecting to 250 mm (UNKN) Sewer		each	1.0		
J.28	Removal of Existing Catch Basins	CW 2130-R12	each	1.0		
J.29	Installation of Subdrains	CW 3120-R4	m	24.0		
J.30	Sewer Inspection	CW 2145-R3				
i)	250 mm		m	85.0		
J.31	Sewer Cleaning	CW 2140-R3, E.19				
i)	250 mm	E.19	m	80.0		
J.32	Outlet Flow Restrictor	E.14				
i)	100mm		each	1.0		
	ADJUSTMENTS					
J.33	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2.0		
	LANDSCAPING					
J.34	Sodding	CW 3510-R9				
i)	width > or = 600 mm		m²	25.0		
J	Young St./Spence St Bounded by Your Cumberland Ave.	ng St., Spence St.	, Sargen	nt Ave. and	Subtotal:	

# FORM B: PRICES

(SEE B10)

ΓEΜ	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	SUMMARY					
Α	Chestnut St./Walnut St Bounded by Chestnut St., Walnut St., Westminster Ave. and Preston Ave.				Subtotal:	
в	Fife St./McPhillips St. Alley - The Eastern m		th block	bounded by		
С	Garfield St. N./Sherburn St Bounded by G Notre Dame		Sherburn	St. and	Subtotal: Subtotal:	
D	Main St. (Semple Ave./Burrin Ave.) - The Western most North/South block bounded by Main St., Scotia St., Semple Ave. and Burrin Ave.				Subtotal:	
Е	Main St. (Kingsbury Ave./Royal Ave.) - The Western most North/South block bounded by Main St., Scotia St., Kingsbury Ave. and Royal Ave.				Subtotal:	
F	Newman St./Basswood PI Bounded by Newman St., Basswood PI., Wolseley Ave. and Portage Ave.				Subtotal:	
G	Perth Ave./Jefferson Ave The South/East Perth Ave., Jefferson Ave., St. Andrews St.			unded by	Subtotal:	
н	St. Anthony Ave./Jefferson Ave Bounded by St. Anthony Ave., Jefferson Ave. McKenzie St. and McGregor St.				Subtotal:	
I	Victor St./Agnes St Bounded by Victor St., Agnes St., Ellice Ave. and Sargent Ave.				Subtotal:	
J	Young St./Spence St Bounded by Young St./Spence St Bounded by Young St./Spence St Bounded by Young St.	St., Spence St	., Sargen	t Ave. and	Subtotal:	
AL BI	D PRICE (GST extra)		(i	n figures)		

#### 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. 317-2016

2016 Alley renewals – Contract No.2

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:	(Name of Principal)	
(Witness as to Principal if no seal)	Per: Per:	
	(Name of Surety) By:(Attorney-in-Fact)	(Seal)

\_\_\_ of

#### 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,

(Name of Bidder)

(Place)

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

**BID OPPORTUNITY NO. 317-2016** 

2016 Alley renewals - Contract No.2

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

#### FORM G2: 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. 317-2016

2016 Alley renewals - Contract No.2

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 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	e of bank or financial institution)
Per:	(Authorized Signing Officer)
Per:	

(Authorized Signing Officer)