

FORM A: BID
(See B8)

1. Contract Title 2016 Northeast Exchange District Street Renewals

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

(Choose one)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D2.

5. Offer

The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.

6. Bid Security In accordance with B12.1, the Bidder encloses bid security in the form of:

(Choose one)

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

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

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

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

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

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

No.	Dated
_____	_____
_____	_____
_____	_____

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

12. Signatures

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

_____ day of _____, 20_____ .

Signature of Bidder or
Bidder's Authorized Official or Officials

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

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

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	<u>ROADWORKS: LILY STREET - MARKET AVE TO DISRAELI FWY</u>					
	EARTH AND BASE WORKS					
A.1	Excavation	CW 3110-R19, E30	m ³	3060		
A.2	Sub-Grade Compaction	CW 3110-R19, E30	m ²	5100		
A.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	5000		
A.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	683		
A.5	Removal of Existing Concrete Bases	CW 3110-R19				
i)	600 mm Diameter or Less		each	5		
A.6	Separation Geotextile Fabric	CW 3130-R4	m ²	5100		
	ROADWORKS - RENEWALS					
A.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	4960		
A.8	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	65		
A.9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	135		
A.10	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	2040		
A.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	20		
b)	5 sq.m. to 20 sq.m.		m ²	50		
A.12	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	185		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.13	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m ²	500		
A.14	Detectable Warning Surface Tiles	CW 3326-R3	each	32		
ROADWORKS - NEW CONSTRUCTION						
A.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced) with Concrete Block Outs		m ²	1420		
A.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	155		
ii)	Construction of Curb and Gutter (150 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	50		
iii)	Construction of Curb and Gutter (150 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	270		
iv)	Construction of Curb and Gutter (150 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	105		
v)	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		
vi)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	170		
A.17	100 mm Concrete Sidewalk with Concrete Block Outs	CW 3325-R5	m ²	2800		
A.18	Construction of Asphaltic Concrete Pavements	CW 3410-R11				
i)	Main Line Paving					
a)	Type IA		tonne	510		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	170		
A.19	Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R11	tonne	770		
A.20	Construction of Asphalt Patches	CW 3410-R11	m ²	10		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
A.21	Joint Sealing	CW 3250-R7	m	760		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.22	Catch Basin c/w Barrier Curb and Gutter Frame and Cover	CW 2130-R12				
i)	SD-024, 1200 mm deep		each	13		
A.23	Manhole c/w Standard Frame and Cover	CW 2130-R12				
i)	SD-010, 2000 mm deep					
a)	1200 mm width		v.m	6		
A.24	Sewer Service	CW 2130-R12				
i)	350 mm, SDR-35					
a)	Trenchless Installation, Class B Type 1 Bedding, Class 1 Backfill		m	69		
ii)	250 mm, SDR-35					
a)	Trenchless Installation, Class B Type 1 Bedding, Class 1 Backfill		m	91		
A.25	Connecting to Existing Manhole	CW 2130-R12				
i)	350 mm Catch Basin Lead		each	2		
ii)	250 mm Catch Basin Lead		each	4		
A.26	Connecting to Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
ii)	Drainage Connection Pipe	CW 2130-R12	m	10		
A.27	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type SDR-35) Connecting Pipe					
a)	Connecting to 375 mm Sewer		each	2		
b)	Connecting to 450 mm Sewer		each	5		
c)	Connecting to 1500 mm Brick Sewer		each	1		

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.28	Sewer Inspection (following repair)	CW2145-R3				
i)	350 mm, PVC		m	69		
A.29	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	8		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	6		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	2		
A.30	Removal of Existing Curb Inlets	CW 2130-R12	each	5		
A.31	Removal of Existing Catch Basins	CW 2130-R12	each	7		
A.32	Abandoning Existing Drainage Inlets	CW 2130-R12	each	7		
A.33	Installation of Subdrains	CW 3120-R4	m	312		
A.34	Watermain and Water Service Insulation	E33				
i)	Pipe Under Roadway Excavation (SD-018)		m ²	100		
ADJUSTMENTS						
A.35	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	12		
A.36	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	2		
A.37	Lifter Rings	CW 3210-R7				
i)	38 mm		each	5		
ii)	51 mm		each	6		
A.38	Adjustment of Valve Boxes	CW 3210-R7	each	20		
A.39	Valve Box Extensions	CW 3210-R7	each	3		
A	<u>ROADWORKS: LILY STREET - MARKET AVE TO DISRAELI FWY</u>				Subtotal:	
B	<u>STREETSCAPING: LILY STREET - MARKET AVE TO DISRAELI FWY</u>					
REMOVALS						
B.1	Removal & Disposal of Trees	E26	each	13		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	EXISTING TREE PROTECTION & PRUNING					
B.2	Tree Protection, Pruning, Root Pruning & Temporary Root Cover Material	E2,E15	each	13		
	TREE VAULTS					
B.3	Construction of Tree Vaults	E16	m ³	435		
B.4	Construction of Tree Vaults over Hydro Duct	E16	m ³	85		
B.5	Perf. Drainage Pipe	E16	m	955		
	CONCRETE & ACCESSORIES					
B.6	Supply and Install CIP Reinforced Concrete Pile for Pedestrian Light (including excavation, anchor rods and conduit for electrical)	E14	each	40		
B.7	Supply and Install CIP Retaining Wall (incl. Footings, and Base Course)	E14	m	9		
B.8	Precast Concrete Sidewalk Panel	E16				
i)	Type A - Lily		each	44		
ii)	Type B - Lily		each	85		
iii)	Type C - James, Rupert, Pacific, Alexander, Galt		each	12		
iv)	Type D - Alexander		each	4		
B.9	Mortar bed for:	E17				
i)	Granite Pavers		m ²	58		
ii)	Endicott Pavers at Tree Vaults		m ²	110		
	UNIT PAVING					
B.10	300 x 151 x 100 Broadway Paver, Charcoal Colour - museum loading area indicator strips	E17	m ²	24		
B.11	300 x 151 x 100 Broadway Paver, Mahogany Colour - pedestrian crossings	E17	m ²	136		
B.12	300 x 151 x 100 Broadway Paver, Antique Brown Colour - museum loading area	E17	m ²	34		
B.13	300 x 151 x 100 Broadway Paver, Buff Colour - Lily Roadway Intersections & Elgin	E17	m ²	581		
B.14	600 x 300 x 100 Broadway Paver, Buff Colour - Between Roadway Letters	E17	m ²	54		
B.15	210 x 105 x 60 Holland Paver, Sierra Grey Colour	E17	m ²	65		
B.16	600 x 300 x 60 Broadway Paver w/letters, Buff Colour	E17				
i)	Supply		each	194		

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ii)	Installation of Letter Pavers		each	194		
B.17	194 x 93 x 57 Endicott Paver, Medium Ironspot #46	E17	m ²	908		
B.18	194 x 93 x 57 Endicott Paver, Dark Ironspot - indicator strips	E17	m ²	395		
B.19	Stockpiled Granite Pavers 200 x 100 x 60	E17	m ²	50		
B.20	Stockpiled Granite Pavers 400 x 150 x 60	E17	m ²	8		
EXTERIOR METAL FABRICATION						
B.21	Tree Cover: Lily	E18				
i)	2 Piece Galvanized Steel Plate		each	133		
ii)	2 Piece Galvanized Steel Plate w/Opening		each	67		
B.22	Tree Cover: James, Rupert, Pacific, Alexander & Galt 2 Piece Galvanized Steel Plate w/Opening	E18	each	8		
B.23	Tripod	E18	each	8		
B.24	Trellis Post W/Horiz. Beam	E18	each	9		
B.25	C-Channel Bollard - In-Ground inc conc. piers	E18	each	5		
B.26	Parking Screen Fence - In-Ground	E18	m	100		
B.27	Museum Anchor Bracket & Silhouette	E18	each	1		
SITE CARPENTRY						
B.28	Wood Bench	E19	ls	1		
SITE FURNISHINGS						
B.29	Greenscreen Panels	E23	each	8		
B.30	Victor Stanley Inc. Classic Series C-140 Bench with Centre Arm Rest, Black Powdercoated, IPE Hardwood Slats	E23	each	4		
B.31	Dual Stream Waste Receptacle	E23	each	3		
B.32	Hoop Style Bike Racks	E23	each	8		
SOFT LANDSCAPE						
B.33	Planting Medium	E24	m ³	410		
B.34	Wood Chip Mulch	E24	m ²	565		
B.35	Black Granite Mulch	E24	m ²	98		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.36	Sodding	E24	m ²	100		
B.37	Amur Maple	E25	each	26		
B.38	Fall Gold Black Ash	E25	each	77		
B.39	Brandon Elm	E25	each	15		
B.40	Alpine Currant	E25	each	13		
B.41	Dwarf European Cranberry	E25	each	30		
B.42	Miss Kim Lilac	E25	each	18		
B.43	Dart's Gold Ninebark	E25	each	17		
B.44	Pygmy Caragana	E25	each	49		
B.45	Engleman's Ivy	E25	each	16		
B.46	Blue Wedgewood Hosta	E25	each	53		
MISCELLANEOUS						
B.47	Placement of Utility Conduits	E12	m	950		
B.48	Placement of Utility Vaults	Appendix A	m	9		
B.49	Hydro Excavation	E28	hr	20		
LANDSCAPE MAINTENANCE						
B.50	Year One Maintenance	E27	l.s.	1		
B.51	Year Two Maintenance	E27	l.s.	1		
B	<u>STREETSCAPING: LILY STREET - MARKET AVE TO DISRAELI FWY</u>				Subtotal:	
C	<u>ELECTRICAL: LILY STREET - MARKET AVE TO DISRAELI FWY</u>					
PEDESTRIAN AND FEATURE LIGHTING						
C.1	Sidewalk Lighting	26 50 00 (Dwg E1.4)				
i)	Washington Kline Pole Lighting		each	43		
ii)	53mm red PVC Conduit		each	850		
iii)	#1/0 AWG Triplex Cu. Wire		m	2550		
iv)	New pole to match existing in area		each	39		
v)	#12 AWG RW90 Cu. Wire		m	414		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.2	Trellis Lighting	26 50 00 (Dwg E1.4)				
i)	Bega Luminaires		each	18		
ii)	Square 4" Junction Boxes (Painted Black)		each	15		
iii)	53mm red PVC Conduit		m	75		
iv)	#12 AWG RW90 Cu. Wire		m	225		
C.3	Specialty Lighting	26 50 00 (Dwg E1.4)				
i)	New Mounting for Feature Lighting		each	1		
ii)	Wall Mounted Slihouette Lighting		each	1		
iii)	Flood Lighting		each	2		
C.4	Site Services	26 24 16 (Dwg E1.4)				
i)	120/208V, 1-phase, 3W 100A Panelboard c/w weatherproof enclosure		each	2		
ii)	Manitoba Hydro service c/w meter		each	2		
C	<u>ELECTRICAL: LILY STREET - MARKET AVE TO DISRAELI FWY</u>				Subtotal:	
D	<u>ROADWORKS: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R19	m ³	400		
D.2	Sub-Grade Compaction	CW 3110-R19	m ²	1300		
D.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	850		
D.4	Supplying and Placing Base Course Material	CW 3110-R19	m ³	130		
D.5	Removal of Existing Concrete Bases	CW 3110-R19				
i)	600 mm Diameter or Less		each	7		
D.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1300		
D.7	Stockpile Granite Pavers for Reinstallation	E17	m ²	98		
D.8	Removal and Stockpile Granite Bollard for Reinstallation	E11	l.s.	1		
	ROADWORKS - RENEWALS					

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.9	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m ²	1195		
D.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	20		
D.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	20		
D.12	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m ²	15		
D.13	Concrete Curb Removal	CW 3240-R10				
i)	Barrier Integral		m	20		
ROADWORKS - NEW CONSTRUCTION						
D.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17				
i)	Construction of 200 mm Concrete Pavement (Reinforced)		m ²	152		
ii)	Construction of 150 mm Concrete Pavement (Reinforced) with Concrete Block Outs		m ²	1150		
D.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Barrier (180 mm ht, Dowelled)	SD-205	m	133		
D.16	Construction of Asphalt Patches	CW 3410-R11	m ²	43		
D	<u>ROADWORKS: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	
E	<u>STRATA CELL: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>					
E.1	Strata Cell 60 Series	E13				
i)	Supply and install Strata Cell (including excavation, base, bioretention soil and compaction)		each	3030		
E.2	Strata Cell Catchbasin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	5		
E.3	Distribution Pipe	E13				
i)	125mm perforated HDPE pipe		m	315		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	125mm solid HDPE pipe		m	5		
iii)	150mm solid HDPE pipe		m	6		
E.4	Vertical Pipe	E13				
i)	150mm solid HDPE		m	55		
E.5	Square Shape RootRain Arborvent	E13	each	50		
E.6	Fittings	E13				
i)	125mm x 150mm x 125mm Tee		each	50		
ii)	125mm x 125mm x 125mm Tee		each	75		
iii)	150mm x 125mm x 150mm Tee		each	4		
iv)	125mm x 125mm Cross		each	1		
v)	125mm 22.5 Bend		each	2		
vi)	150mm 45 Bend		each	1		
vii)	150mm x 125mm Reducer		each	4		
E.7	Subdrain	E13				
i)	150mm perforated HDPE subdrain		m	92		
ii)	150mm solid HDPE subdrain		m	38		
E.8	Subdrain Cleanout Assembly	E13	each	6		
E.9	Biaxial Geogrid	E13	m ²	500		
E.10	Separation Geotextile Fabric	CW 3130-R4	m ²	590		
E.11	Reroot Root Barrier	E13	m	20		
	LAND DRAINAGE SEWER					
E.12	Drainage Connection Pipe	CW 2130-R12	m	14		
E.13	Strata Cell Catchbasin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
E.14	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	2		
E.15	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.16	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type SDR-35) Connecting Pipe					
a)	Connecting to 1125 mm Sewer		each	1		
	LAND DRAINAGE SEWER					
E.17	Strata Cells Maintenance Year One	E13	ls	1		
E.18	Strata Cells Maintenance Year Two	E13	ls	1		
E	<u>STRATA CELL: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	
F	<u>STREETSCAPING: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>					
	REMOVALS					
F.1	Removal & Disposal of Trees	E26	each	6		
	EXISTING TREE PROTECTION & PRUNING					
F.2	Tree Protection, Pruning, Root Pruning & Temporary Root Cover Material	E2,E15	each	13		
	CONCRETE & ACCESSORIES					
F.3	Supply and Install Light CIP Reinforced Concrete Pile for Pedestrian Light (including excavation, anchor rods and conduit for electrical)	E14	each	13		
F.4	Supply and Install CIP Reinforced Concrete Pile for Steel Trellis (Including excavation)	E14	each	25		
i)	Supply and Install CIP Retaining Wall (incl. Footings, and Base Course)		m	37		
F.5	Mortar Bed for Granite Pavers	E17	m ²	33		
	UNIT PAVING					
F.6	300 x 300 x 100 Broadway Paver, Buff Colour	E17	m ²	1042		
F.7	194 x 93 x 57 Endicott Paver, Dark Ironspot	E17	m ²	2		
F.8	200 x 100 x 60 Stockpiled Granite Pavers	E17	m ²	20		
F.9	400 x 150 x 60 Stockpiled Granite Pavers	E17	m ²	13		
	EXTERIOR METAL FABRICATION					
F.10	Trellis Post	E18	each	16		
F.11	Trellis Post W/Horiz. Beam	E18	each	9		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.12	Information Panel	E18	each	2		
F.13	I-Beam Bollard - Surface Mounted	E18	each	11		
F.14	Parking Screen Fence	E18				
i)	In-Ground		m	21		
ii)	Surface Mounted		m	24		
SITE CARPENTRY						
F.15	Timber Planter	E19				
i)	5019 x 1385		each	2		
ii)	4375 x 1385		each	1		
SITE FURNISHINGS						
F.16	Greenscreen Panels	E23	each	20		
F.17	Victor Stanley Inc. Classic Series C-140 Bench with Centre Arm Rest, Black Powdercoated, IPE Hardwood Slats	E23	each	2		
F.18	Maglin MLB-872 wall mounted bench	E23	each	12		
F.19	Limestone Seating Block	E23	each	4		
F.20	Dual Stream Waste Receptacle	E23	each	2		
F.21	Granite Bollard From Stockpile	E23	each	1		
SOFT LANDSCAPE						
F.22	Planting Medium	E24	m3	93		
F.23	Wood Chip Mulch	E24	m ²	315		
F.24	Amur Maple	E25	each	4		
F.25	Brandon Elm 65 cal.	E25	each	2		
F.26	Brandon Elm 75 cal.	E25	each	1		
F.27	Red Osier Dogwood	E25	each	8		
F.28	Dwarf European Cranberry	E25	each	106		
F.29	Miss Kim Lilac	E25	each	148		
F.30	Dart's Gold Ninebark	E25	each	127		
F.31	Engleman's Ivy	E25	each	37		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.32	Blue Wedgewood Hosta	E25	each	141		
LANDSCAPE MAINTENANCE						
F.33	Year One Maintenance	E27	l.s.	1		
F.34	Year Two Maintenance	E27	l.s.	1		
F	<u>STREETSCAPING: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	
G	<u>ELECTRICAL: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>					
PEDESTRIAN AND FEATURE LIGHTING						
G.1	Sidewalk Lighting	26 50 00 (Dwg E1.4)				
i)	Washington Kline Pole Lighting		each	11		
ii)	53mm red PVC Conduit		each	190		
iii)	#1/0 AWG Triplex Cu. Wire		m	550		
iv)	New pole to match existing in area		each	9		
v)	#12 AWG RW90 Cu. Wire		m	100		
G.2	Trellis Lighting	26 50 00 (Dwg E1.4)				
i)	Bega Luminaires		each	31		
ii)	Square 4" Junction Boxes (Painted Black)		each	25		
iii)	53mm red PVC Conduit		m	500		
iv)	#1/0 AWG Triplex Cu. Wire		m	1500		
v)	#12 AWG RW90 Cu. Wire		m	500		
G.3	Specialty Lighting	26 50 00 (Dwg E1.4)				
i)	Flood Lighting		each	11		
ii)	53mm red PVC Conduit		m	150		
iii)	#1/0 AWG Triplex Cu. Wire		m	450		
G.4	Parking Receptacles	26 06 22 (Dwg E1.4)				
i)	IPLC Pedestals		each	7		
ii)	27mm PVC Conduit		m	60		
iii)	#12 AWG RW90 Cu. Wire		m	180		
G	<u>ELECTRICAL: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H	<u>PROVISIONAL ITEMS</u>					
	JOHN HIRSCH PARKING LOT					
H.1	Excavation	CW 3110-R19, E32	m ³	230		
H.2	Sub-Grade Compaction	CW 3110-R19, E32	m ²	370		
H.3	Crushed Sub-base Material	CW 3110-R19, E32				
i)	50 mm		tonne	234		
H.4	Supplying and Placing Base Course Material	CW 3110-R19, E32	m ³	37		
H.5	Separation Geotextile Fabric	CW 3130-R4 , E32	m ²	370		
H.6	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R17, E32				
i)	Construction of 150 mm Concrete Pavement (Reinforced) with Concrete Block Outs		m ²	290		
H.7	Construction of Asphaltic Concrete Pavements	CW 3410-R11 , E32				
i)	Tie-ins and Approaches					
a)	Type IA		tonne	15		
H.8	300 x 300 x 100 Broadway Paver, Buff Colour	E17,E32	m ²	220		
	PAVEMENT MARKING					
H.9	Line Painting	E32	l.s.	1		
	SITE CARPENTRY					
H.10	Dual Garbage Bin Enclosure	E19, E32	l.s.	1		
H.11	Single Garbage Bin Enclosure	E19, E32	l.s.	1		
	EXTERIOR METAL FABRICATION					
H.12	Hydro Anchor Bracket & Silhouette	E18, E32	each	6		
H.13	Steel Pipe Bollard	E18, E32	each	9		
	MISCELLANEOUS					
H.14	Abandonment of 145 Pacific Avenue Areaway	E31	ls	1		

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.15	Areaway Backfill	E31	m ³	320		
H	<u>PROVISIONAL ITEMS</u>				Subtotal:	
I	<u>DELETABLE ITEMS</u>					
	LILY STREET ENTRY MAP					
I.1	Construction of Safety Curb (330 mm ht)	SD-206B	m	20		
I.2	Supply and Install CIP Reinforced Concrete Pile for Entry Map (Including excavation, pile cap and grade beams)	E14	ls	1		
I.3	Entry Map Silouhette East Side	E18	each	1		
I.4	Entry Map Silouhette West Side	E18	each	1		
	JOHN HIRSCH FEATURE LIGHTING					
I.5	Specialty Lighting	26 50 00 (Dwg E1.4)				
i)	Pole Mounted feature lighting		each	4		
ii)	New mounting for feature lighting		each	4		
I	<u>DELETABLE ITEMS</u>				Subtotal:	

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>ROADWORKS: LILY STREET - MARKET AVE TO DISRAELI FWY</u>				Subtotal:	
B	<u>STREETSCAPING: LILY STREET - MARKET AVE TO DISRAELI FWY</u>				Subtotal:	
C	<u>ELECTRICAL: LILY STREET - MARKET AVE TO DISRAELI FWY</u>				Subtotal:	
D	<u>ROADWORKS: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	
E	<u>STRATA CELL: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	
F	<u>STREETSCAPING: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	
G	<u>ELECTRICAL: JOHN HIRSCH PLACE - RORIE ST TO BANNATYNE AVE</u>				Subtotal:	
H	<u>PROVISIONAL ITEMS</u>				Subtotal:	
I	<u>DELETABLE ITEMS</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 B12)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

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

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 345-2016

2016 Northeast Exchange District Street Renewals

as more fully set out in the Bid Opportunity.

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

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

_____ day of _____, 20_____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

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

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)
(See B12)

AGREEMENT TO BOND

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

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

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 345-2016

2016 Northeast Exchange District Street Renewals

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

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

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

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

(Name of Surety)

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

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

(Date)

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

RE: BID SECURITY – BID OPPORTUNITY NO. 345-2016

2016 Northeast Exchange District Street Renewals

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 August 8, 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: _____
(Authorized Signing Officer)

Per: _____
(Authorized Signing Officer)