

FORM A: BID
(See B8)

1. Contract Title Province of Manitoba/City of Winnipeg 2014 Local Street Renewal Program: Aldine Street and Various Other Locations

2. Bidder

Name of Bidder

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

Street

City

Province

Postal Code

(Mailing address if different)

Email Address of Bidder

Facsimile Number

Street or P.O. Box

(Choose one)

City

Province

Postal Code

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 B11.1, 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: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 1: CITY FUNDED WORK						
A	<u>ALDINE STREET from Bruce Avenue to Lodge Avenue - Asphalt Reconstruction</u>					
EARTH AND BASE WORKS						
A.1	Excavation	CW 3110-R18	m ³	690		
A.2	Sub-Grade Compaction	CW 3110-R18	m ²	2900		
A.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	2000		
A.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	270		
A.5	Grading of Boulevards	CW 3110-R18	m ²	1120		
A.6	Separation Geotextile Fabric	CW 3130-R4	m ²	2900		
A.7	Supply and Install Geogrid	CW 3135-R1	m ²	2900		
ROADWORK - REMOVALS/RENEWALS						
A.8	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	2940		
ii)	Asphalt Pavement		m ²	30		
A.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25		
A.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	175		
A.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5		
b)	5 sq.m. to 20 sq.m.		m ²	190		
c)	Greater than 20 sq.m.		m ²	570		
A.12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	65		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORK - NEW CONSTRUCTION						
A.13	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	690		
A.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	10		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	30		
iii)	Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	435		
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	165		
v)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	20		
A.15	Interlocking Paving Stones	CW 3330-R5	m ²	10		
A.16	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	500		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	20		
JOINT AND CRACK SEALING						
A.17	Reflective Crack Maintenance	CW 3250-R7	m	460		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
A.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	4		
ii)	SD-024, 1200 mm deep		each	2		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class A Type Sand Bedding, Class 2 Backfill		m	30		
b)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	205		
A.20	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	3		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	2		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	2		
A.21	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
A.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 300 mm (Type PVC) Sewer		each	4		
A.23	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	300 mm		each	1		
A.24	Abandoning Existing Catch Basins	CW 2130-R12	each	2		
A.25	Removal of Existing Catch Basins	CW 2130-R12	each	1		
A.26	Installation of Subdrains	CW 3120-R4	m	80		
A.27	Manhole	CW 2130-R12				
i)	SD-010 (1200mm diameter base)		vert. m	2		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
A.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3		
A.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
A.30	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
A.31	Adjustment of Valve Boxes	CW 3210-R7	each	5		
A.32	Valve Box Extensions	CW 3210-R7	each	2		
A.33	Adjustment of Curb Stop Boxes	CW 3210-R7	each	15		
A.35	Curb Stop Extensions	CW 3210-R7	each	6		
LANDSCAPING						
A.34	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	160		
ii)	width > or = 600 mm		m ²	960		
A	<u>ALDINE STREET from Bruce Avenue to Lodge Avenue - Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B	<u>ARMOUR CRESCENT from Harris Boulevard to Harris Boulevard - Asphalt Reconstruction</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R18	m ³	1285		
B.2	Sub-Grade Compaction	CW 3110-R18	m ²	4135		
B.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	2850		
B.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	350		
B.5	Grading of Boulevards	CW 3110-R18	m ²	2735		
B.6	Separation Geotextile Fabric	CW 3130-R4	m ²	4135		
B.7	Supply and Install Geogrid	CW 3135-R1	m ²	4135		
	ROADWORK - REMOVALS/RENEWALS					
B.8	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	3970		
ii)	Asphalt Pavement		m ²	30		
B.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	25		
B.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	225		
B.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5		
B.12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	210		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORK - NEW CONSTRUCTION						
B.13	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	650		
ii)	150 mm Coloured Concrete Pavement (Reinforced)	E10	m ²	35		
B.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	5		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	40		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	580		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	60		
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	245		
B.15	Interlocking Paving Stones	CW 3330-R5	m ²	30		
B.16	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	750		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
JOINT AND CRACK SEALING						
B.17	Reflective Crack Maintenance	CW 3250-R7	m	690		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
B.18	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	8		
B.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class A Type Sand Bedding, Class 2 Backfill		m	20		
b)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	35		
B.20	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	3		
B.21	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	4		
B.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 500 mm (Type Concrete) Sewer		each	2		
b)	Connecting to 600 mm (Type Concrete) Sewer		each	2		
B.23	Abandoning Existing Catch Pit	CW 2130-R12	each	3		
B.24	Installation of Subdrains	CW 3120-R4	m	52		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
B.25	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4		
B.26	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
B.27	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
B.28	Adjustment of Valve Boxes	CW 3210-R7	each	3		
B.29	Valve Box Extensions	CW 3210-R7	each	1		
B.30	Adjustment of Curb Stop Boxes	CW 3210-R7	each	15		
B.31	Curb Stop Extensions	CW 3210-R7	each	5		
LANDSCAPING						
B.32	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	10		
ii)	width > or = 600 mm		m ²	2725		
B	<u>ARMOUR CRESCENT from Harris Boulevard to Harris Boulevard - Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C	<u>ASSINIBOINE CRESCENT from 110m South of Portage Avenue to Portage Avenue - Asphalt Reconstruction</u>					
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R18	m ³	335		
C.2	Sub-Grade Compaction	CW 3110-R18	m ²	1100		
C.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	760		
C.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	75		
C.5	Grading of Boulevards	CW 3110-R18	m ²	655		
C.6	Separation Geotextile Fabric	CW 3130-R4	m ²	1100		
C.7	Supply and Install Geogrid	CW 3135-R1	m ²	1100		
	ROADWORK - REMOVALS/RENEWALS					
C.8	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	1235		
C.9	Partial Slab Patches	CW 3230-R8				
i)	150 mm Concrete Pavement (Type B)		m ²	11		
C.10	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	15		
C.11	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	115		
C.12	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5		
b)	5 sq.m. to 20 sq.m.		m ²	10		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	40		
C.14	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	2		
ROADWORK - NEW CONSTRUCTION						
C.15	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	400		
C.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	5		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	12		
iii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	75		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	55		
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 Ramp (8-12 mm ht, Integral)	SD-229C	m	6		
C.17	Interlocking Paving Stones	CW 3330-R5	m ²	5		
C.18	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	190		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	15		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
JOINT AND CRACK SEALING						
C.19	Reflective Crack Maintenance	CW 3250-R7	m	225		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
C.20	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
C.21	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class A Type Sand Bedding, Class 2 Backfill		m	10		
C.22	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm					
a)	Class 3 Backfill		each	1		
C.23	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	3		
C.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
C.25	Removal of Existing Catch Basins	CW 2130-R12	each	3		
C.26	Removal of Existing Catch Pit	CW 2130-R12	each	3		
C.27	Installation of Subdrains	CW 3120-R4	m	26		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
C.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	3		
C.29	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
C.30	Lifter Rings	CW 3210-R7				
i)	51 mm		each	3		
C.31	Adjustment of Curb Stop Boxes	CW 3210-R7	each	8		
C.32	Curb Stop Extensions	CW 3210-R7	each	3		
LANDSCAPING						
C.33	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	5		
ii)	width > or = 600 mm		m ²	650		
C	<u>ASSINIBOINE CRESCENT from 110m South of Portage Avenue to Portage Avenue - Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	<u>OAKDEAN BOULEVARD from Assiniboine Crescent to 138 Oakdean Boulevard - Asphalt Reconstruction</u>					
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R18	m ³	1400		
D.2	Sub-Grade Compaction	CW 3110-R18	m ²	2275		
D.3	Placing Suitable Site Sub-base Material	CW 3110-R18	m ³	100		
D.4	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	1570		
D.5	Supplying and Placing Base Course Material	CW 3110-R18	m ³	230		
D.6	Grading of Boulevards	CW 3110-R18	m ²	1770		
D.7	Ditch Grading	CW 3110-R18	m ²	250		
D.8	Imported Fill Material	CW 3110-R18	m ³	100		
D.9	Separation Geotextile Fabric	CW 3130-R4	m ²	2275		
D.10	Supply and Install Geogrid	CW 3135-R1	m ²	2275		
	ROADWORK - REMOVALS/RENEWALS					
D.11	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	300		
ii)	Asphalt Pavement		m ²	2000		
D.12	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	155		
D.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	30		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORK - NEW CONSTRUCTION						
D.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	745		
D.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	30		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	315		
iii)	Construction of Curb and Gutter (40 mm ht, Lip Curb, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-202B	m	165		
D.16	Interlocking Paving Stones	CW 3330-R5	m ²	25		
D.17	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	425		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	15		
JOINT AND CRACK SEALING						
D.18	Reflective Crack Maintenance	CW 3250-R7	m	375		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
D.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
D.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class A Type Sand Bedding, Class 2 Backfill		m	6		
D.21	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		
D.22	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (Type PVC) Connecting Pipe					
a)	Connecting to 675 mm Combined Sewer		each	2		
D.23	Removal of Existing Catch Basins	CW 2130-R12	each	2		
D.24	Installation of Subdrains	CW 3120-R4	m	26		
D.25	Removal of Existing Culverts	CW 3610-R4	m	130		
D.26	Disposal of Existing Culvert	CW 3610-R4	m	130		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ADJUSTMENTS						
D.27	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
D.28	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
D.29	Lifter Rings	CW 3210-R7				
i)	51 mm		each	2		
D.30	Adjustment of Curb Stop Boxes	CW 3210-R7	each	12		
D.31	Curb Stop Extensions	CW 3210-R7	each	5		
LANDSCAPING						
D.32	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	20		
ii)	width > or = 600 mm		m ²	1750		
D	<u>OAKDEAN BOULEVARD from Assiniboine Crescent to 138 Oakdean Boulevard - Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>THOMPSON DRIVE from Portage Avenue to Lodge Avenue - Asphalt Reconstruction</u>					
	EARTH AND BASE WORKS					
E.1	Excavation	CW 3110-R18	m ³	905		
E.2	Sub-Grade Compaction	CW 3110-R18	m ²	3885		
E.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	2680		
E.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	360		
E.5	Grading of Boulevards	CW 3110-R18	m ²	1105		
E.6	Separation Geotextile Fabric	CW 3130-R4	m ²	3885		
E.7	Supply and Install Geogrid	CW 3135-R1	m ²	3885		
	ROADWORK - REMOVALS/RENEWALS					
E.8	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement		m ²	3860		
E.9	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	15		
E.10	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	255		
E.11	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	10		
b)	5 sq.m. to 20 sq.m.		m ²	165		
c)	Greater than 20 sq.m.		m ²	900		
E.12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	45		
E.13	Detectable Warning Surface Tiles	CW 3326-R1				
i)	610 mm X 1220 mm		each	2		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ROADWORK - NEW CONSTRUCTION						
E.14	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R15				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m ²	780		
E.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R15				
i)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	15		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	30		
iii)	Construction of Curb and Gutter (180mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	480		
iv)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	35		
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	230		
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	10		
vii)	Construction of Curb Ramp (8-12 mm ht, Integral)	SD-229C	m	40		
E.16	Interlocking Paving Stones	CW 3330-R5	m ²	10		
E.17	Construction of Asphaltic Concrete Pavements	CW 3410-R10				
i)	Main Line Paving					
a)	Type IA		tonne	700		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	30		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
JOINT AND CRACK SEALING						
E.18	Reflective Crack Maintenance	CW 3250-R7	m	600		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
E.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep		each	2		
i)	SD-024, 1200 mm deep		each	2		
E.20	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class A Type Sand Bedding, Class 2 Backfill		m	20		
ii)	300 mm, PVC					
a)	Trenchless Installation, Class B Type Sand Bedding, Class 2 Backfill		m	45		
E.21	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	250 mm					
a)	Class 3 Backfill		each	1		
E.22	Replacing Existing Manhole and Catch Basin Frames & Covers	CW 2130-R12				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	6		
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	4		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	2		
iv)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	1		
v)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	1		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.23	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	1		
E.24	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	3		
E.25	Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
i)	300 mm		each	1		
E.26	Removal of Existing Catch Basins	CW 2130-R12	each	2		
E.27	Installation of Subdrains	CW 3120-R4	m	52		
E.28	Manhole	CW 2130-R12				
i)	SD-010 (1200mm diameter base)		vert. m	4		
ADJUSTMENTS						
E.29	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	6		
E.30	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1		
E.31	Lifter Rings	CW 3210-R7				
i)	51 mm		each	6		
E.32	Adjustment of Valve Boxes	CW 3210-R7	each	6		
E.33	Valve Box Extensions	CW 3210-R7	each	2		
E.34	Adjustment of Curb Stop Boxes	CW 3210-R7	each	14		
E.35	Curb Stop Extensions	CW 3210-R7	each	6		
LANDSCAPING						
E.36	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	165		
ii)	width > or = 600 mm		m ²	940		
E	<u>THOMPSON DRIVE from Portage Avenue to Lodge Avenue - Asphalt Reconstruction</u>				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2: MANITOBA HYDRO FUNDED WORK						
F	STREET LIGHT INSTALLATION					
ALDINE STREET - BRUCE AVENUE TO LODGE AVENUE						
NEW STREET LIGHT INSTALLATION						
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	6.0		
F.2	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E16	lin.m	295.0		
F.3	Installation of cable (#4 AL C/N or 1/0 AL Triplex) by boring method.	E16	lin.m	65.0		
F.4	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16	each	6.0		
F.5	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E16	each	1.0		
F.6	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	1.0		
F.7	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16	each	6.0		
F.8	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E16	per span	7.0		
F.9	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E16	per span	7.0		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>THOMPSON DRIVE - PORTAGE AVENUE TO LODGE AVENUE</u>						
NEW STREET LIGHT INSTALLATION						
F.10	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	7.0		
F.11	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E16	lin.m	412.0		
F.12	Installation of cable (#4 AL C/N or 1/0 AL Triplex) by boring method.	E16	lin.m	40.0		
F.13	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16	each	7.0		
F.14	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E16	each	2.0		
F.15	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	2.0		
F.16	Installation and connection of externally-mounted relay per Standards CD 315-12 and CD 315-13.	E16	each	4.0		
F.17	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16	each	7.0		
F.18	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E16	per span	8.0		
F.19	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E16	per span	8.0		
F.20	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E16	each	2.0		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>ARMOUR CRESCENT - HARRIS BOULEVARD TO HARRIS BOULEVARD</u>						
NEW STREET LIGHT INSTALLATION						
F.21	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	6.0		
F.22	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E16	lin.m	383.0		
F.23	Installation of cable (#4 AL C/N or 1/0 AL Triplex) by boring method.	E16	lin.m	95.0		
F.24	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16	each	6.0		
F.25	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E16	each	3.0		
F.26	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	1.0		
F.27	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16	each	6.0		
F.28	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E16	per span	7.0		
F.29	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E16	per span	7.0		
F.30	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E16	each	3.0		

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>ASSINIBOINE CRESCENT - PORTAGE AVENUE TO 100 METRES SOUTH OF PORTAGE AVENUE</u>						
NEW STREET LIGHT INSTALLATION						
F.31	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	3.0		
F.32	Installation of #4 AL C/N or 1/0 AL Triplex streetlight cable by open trench method.	E16	lin.m	150.0		
F.33	Installation of cable (#4 AL C/N or 1/0 AL Triplex) by boring method.	E16	lin.m	225.0		
F.34	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appurtenances.	E16	each	3.0		
F.35	Installation of one (1) 10' ground rod at end of street light circuit. Trench #4 ground wire up to 1 m from rod location to new street light and connect (hammerlock) to top of the ground rod.	E16	each	2.0		
F.36	Terminate 2/C #12 copper conductor to street light cables per Standard CD310-4, CD310-9 or CD310-10.	E16	each	3.0		
F.37	Installation of overhead span of #4 duplex between new or existing streetlight poles and connect luminaire to provide temporary feed.	E16	per span	4.0		
F.38	Removal of overhead span of #4 duplex between new or existing streetlight poles to remove temporary feed.	E16	per span	4.0		
F.39	Expose underground cable entrance of existing streetlight pole and install new streetlight cable.	E16	each	4.0		
F	STREET LIGHT INSTALLATION				Subtotal:	

FORM B: PRICES
 (SEE B8)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
PART 1: CITY FUNDED WORK						
A	<u>ALDINE STREET from Bruce Avenue to Lodge Avenue - Asphalt Reconstruction</u>				Subtotal:	
B	<u>ARMOUR CRESCENT from Harris Boulevard to Harris Boulevard - Asphalt Reconstruction</u>				Subtotal:	
C	<u>ASSINIBOINE CRESCENT from 110m South of Portage Avenue to Portage Avenue - Asphalt Reconstruction</u>				Subtotal:	
D	<u>OAKDEAN BOULEVARD from Assiniboine Crescent to 138 Oakdean Boulevard - Asphalt Reconstruction</u>				Subtotal:	
E	<u>THOMPSON DRIVE from Portage Avenue to Lodge Avenue - Asphalt Reconstruction</u>				Subtotal:	
PART 2: MANITOBA HYDRO FUNDED WORK						
F	STREET LIGHT INSTALLATION				Subtotal:	
TOTAL BID PRICE (GST extra)				(in figures)		

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B11)

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. 2-2014

Province of Manitoba/City of Winnipeg 2014 Local Street Renewal Program: Aldine Street and Various Other Locations

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 B11)

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. 2-2014

Province of Manitoba/City of Winnipeg 2014 Local Street Renewal Program: Aldine Street 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 _____ 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 B11)**

(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. 2-2014

Province of Manitoba/City of Winnipeg 2014 Local Street Renewal Program: Aldine Street 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 B11)**

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 7, 2014

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)