FORM A: BID (See B9)

1.	Contract Title	Various Other Locations	nd
2.	Bidder	Name of Bidder	
		Usual Business Name of Bidder as it appears on Invoice (if different from above)	
		Street	
		City Province Postal Co	 ode
		Email Address of Bidder	
		Facsimile Number	
	(Mailing address if different)	Street or P.O. Box	
		City Province Postal Co	 ode
	(Choose one)	The Bidder is: a sole proprietor a partnership	
		a corporation arrying on business under the above name.	
3.	Contact Person	The Bidder hereby authorizes the following contact person to represe the Bidder for purposes of the Bid.	ent
		Contact Person Title	
		Telephone Number Facsimile Number	
4.	Definitions	All capitalized terms used in the Contract shall have the meaning ascribed to them in the General Conditions.	ıgs
5.	Offer	The Bidder hereby offers to perform the Work in accordance with t Contract for the Total Bid Price, in Canadian funds, set out on Form Prices, appended hereto.	

6.	Bid Security	In accordance with B13.1, the Bidder encloses bid security in the form of:
		a bid bond (Form G1: Bid Bond and Agreement to Bond)
	(Choose one)	an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
		a certified cheque or draft
		and agrees that it shall be held by the City in accordance with the Contract.
7.	Execution of Contract	The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.
8.	Commencement of the Work	The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9.	Contract	The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.
10.	Addenda	The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
		No Dated
		
11.	Time	This offer shall be open for acceptance, binding and irrevocable for a period of Sixty (60) Calendar Days following the Submission Deadline.
12.	Indigenous Self- Declaration	The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.
		YES, 51% Indigenous ownership
		☐ NO, it is not
		This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

13.	Signatures	The Bidder or the Bidder's authorized official or officials have signed this
		, day of, 20
		Signature of Bidder or Bidder's Authorized Official or Officials
		(Print here name and official capacity of individual whose signature appears above)
		(Print here name and official capacity of individual whose signature appears above)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART	1 CITY FUNDED WORK					
Α	DARWIN STREET - RIEL AVENUE TO RIVE	RBEND AVE, RI	EHABILI	<u>TATION</u>		
	EARTH AND BASE WORKS					
A .1	Supplying and Placing Base Course Material	CW 3110-R19	m³	10		
٨.2	Grading of Boulevards	CW 3110-R19	m²	750		
	ROADWORKS - RENEWALS					
A.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	160		
۹.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	10		
ii)	150 mm Concrete Pavement (Type B)		m²	90		
iii)	150 mm Concrete Pavement (Type C)		m²	50		
iv)	150 mm Concrete Pavement (Type D)		m²	25		
A.5	Partial Depth Planing of Existing Joints	E16	m²	10		
A.6	Asphalt Patching of Partial Depth Joints	E16	m²	10		
A.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	250		
4.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	250		
4.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	Less than 5 sq.m.		m²	15		
b	5 sq.m. to 20 sq.m.		m²	50		
c	c) Greater than 20 sq.m.		m²	50		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	150 mm Reinforced Sidewalk					
a)	Less than 5 sq.m.		m²	5		
b)	5 sq.m. to 20 sq.m.		m²	10		
10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	5		
13	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	215		
c)	Greater than 30 m		m	40		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	150		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	30		
iv)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	20		
14	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	385		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
15	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	320		
	JOINT AND CRACK SEALING					
.16	Reflective Crack Maintenance	CW 3250-R7	m	250		

DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ASSOCIATED DRAINAGE AND					
Remove and Replace Existing Catch Basin	CW 2130-R12				
SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover		each	1		
Remove and Replace Existing Catch Pit	CW 2130-R12				
SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover		each	1		
Frames & Covers	CW3210-R8				
AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
AP-007 - Standard Solid Cover for Standard Frame		each	2		
AP-011 - Barrier Curb and Gutter Frame		each	3		
AP-012 - Barrier Curb and Gutter Cover		each	3		
Connecting to Existing Catch Basin Lead	CW 2130-R12				
250 mm Drainage Connection Pipe		each	1		
Drainage Connection Pipe	CW 2130-R12	m	2		
ADJUSTMENTS					
Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	9		
Replacing Existing Risers	CW 2130-R12				
Pre-cast Concrete Risers		vert. m	0.5		
Lifter Rings (AP-010)	CW 3210-R8				
38 mm		each	2		
51 mm		each	4		
76 mm		each	2		
Adjustment of Valve Boxes	CW 3210-R8	each	2		
Valve Box Extensions	CW 3210-R8	each	1		
Adjustment of Curb Stop Boxes	CW 3210-R8	each	3		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Remove and Replace Existing Catch Basin SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover Remove and Replace Existing Catch Pit SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover Frames & Covers AP-006 - Standard Frame for Manhole and Catch Basin AP-007 - Standard Solid Cover for Standard Frame AP-011 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Cover Connecting to Existing Catch Basin Lead 250 mm Drainage Connection Pipe Drainage Connection Pipe ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers Pre-cast Concrete Risers Lifter Rings (AP-010) 38 mm 51 mm 76 mm Adjustment of Valve Boxes Valve Box Extensions	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Remove and Replace Existing Catch Basin SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover Remove and Replace Existing Catch Pit SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover Frames & Covers CW 2130-R12 SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover Frames & Covers CW3210-R8 AP-006 - Standard Frame for Manhole and Catch Basin AP-007 - Standard Solid Cover for Standard Frame AP-011 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Cover Connecting to Existing Catch Basin Lead 250 mm Drainage Connection Pipe Drainage Connection Pipe CW 2130-R12 ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers CW 3210-R8 Fre-cast Concrete Risers Lifter Rings (AP-010) CW 3210-R8 Thm Tom Adjustment of Valve Boxes CW 3210-R8 CW 3210-R8	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Remove and Replace Existing Catch Basin SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover Remove and Replace Existing Catch Pit SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover Frames & Covers AP-006 - Standard Frame for Manhole and Catch Basin AP-007 - Standard Solid Cover for Standard Frame AP-011 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Cover Connecting to Existing Catch Basin Lead 250 mm Drainage Connection Pipe Drainage Connection Pipe ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers CW 2130-R12 Pre-cast Concrete Risers Lifter Rings (AP-010) 38 mm each 51 mm Adjustment of Valve Boxes Valve Box Extensions CW 2130-R8 each CW 3210-R8 each CW 3210-R8 each CW 3210-R8	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS Remove and Replace Existing Catch Basin SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover Remove and Replace Existing Catch Pit SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover Frames & Covers AP-006 - Standard Frame for Manhole and Catch Basin AP-007 - Standard Solid Cover for Standard Frame AP-011 - Barrier Curb and Gutter Frame AP-012 - Barrier Curb and Gutter Cover Connecting to Existing Catch Basin Lead CW 2130-R12 250 mm Drainage Connection Pipe Drainage Connection Pipe ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers CW 2130-R12 CW 2130-R12 Each 9 ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers CW 2130-R12 Vert. m 0.5 Lifter Rings (AP-010) CW 3210-R8 Each 2 Adjustment of Valve Boxes CW 3210-R8 Each 2 Valve Box Extensions CW 3210-R8 Each 1 Adjustment of Valve Boxes CW 3210-R8 Each 1 Adjustment of Valve Boxes CW 3210-R8 Each 1 Adjustment of Valve Boxes CW 3210-R8 Each 1	REF. QUANTITY

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
A.28	Curb Stop Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
A.29	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	50		
ii)	width > or = 600 mm		m²	700		
	LANDSCAPING					
A.30	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2		
A.31	Replacement of Existing Drainage Pipe	E12	each	5		
Α	DARWIN STREET - RIEL AVENUE TO RIVE	ERBEND AVE, R	EHABILI	<u>ITATION</u>	Cubtotali	
					Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
В	WHITLEY DRIVE - HAWKINS CRESCENT TO						
	REHABILITATION		İ				
	EARTH AND BASE WORKS						
B.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	10			
B.2	Grading of Boulevards	CW 3110-R19	m²	1100			
	ROADWORKS - RENEWALS						
B.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8					
i)	150 mm Concrete Pavement (Reinforced)		m²	75			
B.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8					
i)	150 mm Concrete Pavement (Type A)		m²	10			
ii)	150 mm Concrete Pavement (Type B)		m²	120			
iii)	150 mm Concrete Pavement (Type C)		m²	20			
iv)	150 mm Concrete Pavement (Type D)		m²	20			
B.5	Partial Depth Planing of Existing Joints	E16	m²	55			
B.6	Asphalt Patching of Partial Depth Joints	E16	m²	55			
B.7	Drilled Dowels	CW 3230-R8					
i)	19.1 mm Diameter		each	250			
B.8	Drilled Tie Bars	CW 3230-R8					
i)	20 M Deformed Tie Bar		each	250			
B.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9					
i)	100 mm Sidewalk	SD-228A					
a)	Less than 5 sq.m.		m²	5			
b)	5 sq.m. to 20 sq.m.		m²	15			
B.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	6			
B.11	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	15			

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
3.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
а	Less than 3 m		m	5		
b	3 m to 30 m		m	385		
С	Greater than 30 m		m	35		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	125		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	75		
iv)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	20		
3.13	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
а	Type IA		tonne	610		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	75		
3.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	100		
ii)	1 - 50 mm Depth (Concrete)		m²	25		
	JOINT AND CRACK SEALING					
3.15	Reflective Crack Maintenance	CW 3250-R7	m	350		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
3.16	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover		each	2		
3.17	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover		each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.18	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	2		
iii)	AP-011 - Barrier Curb and Gutter Frame		each	4		
iv)	AP-012 - Barrier Curb and Gutter Cover		each	4		
	ADJUSTMENTS					
B.19	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	10		
B.20	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	1.0		
B.21	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	4		
iii)	76 mm		each	1		
B.22	Adjustment of Valve Boxes	CW 3210-R8	each	1		
B.23	Valve Box Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
B.24	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	10		
ii)	width > or = 600 mm		m²	1000		
	LANDSCAPING					
B.25	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2		
B.26	Replacement of Existing Drainage Pipe	E12	each	5		
В	WHITLEY DRIVE - HAWKINS CRESCENT TO REHABILITATION	O ASHWORTH	STREET		Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	KNIGHTSBRIDGE DRIVE - MEADOWOOD L (WEST LEG), REHABILITATION		HTSBRIL			
	EARTH AND BASE WORKS					
C.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	20		
C.2	Grading of Boulevards	CW 3110-R19	m²	3200		
	ROADWORKS - RENEWALS					
C.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	200		
C.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	10		
ii)	150 mm Concrete Pavement (Type B)		m²	100		
iii)	150 mm Concrete Pavement (Type C)		m²	15		
iv)	150 mm Concrete Pavement (Type D)		m²	15		
C.5	Partial Depth Planing of Existing Joints	E16	m²	20		
C.6	Asphalt Patching of Partial Depth Joints	E16	m²	20		
C.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	150		
C.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	100		
C.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а	Less than 5 sq.m.		m²	5		
b) 5 sq.m. to 20 sq.m.		m²	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.10	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
а	Less than 3 m		m	140		
b	3 m to 30 m		m	680		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	180		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	25		
iv)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	35		
C.11	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	50		
0.12	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
а	Type IA		tonne	1050		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	110		
0.13	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	350		
ii)	1 - 50 mm Depth (Concrete)		m²	30		
C.14	Pavement Repair Fabric	E15	m²	1000		
	JOINT AND CRACK SEALING					
C.15	Reflective Crack Maintenance	CW 3250-R7	m	600		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
2.16	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover		each	1		
:.17	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover		each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.18	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	2		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1		
iii)	AP-008 - Standard Grated Cover for Standard Frame		each	1		
iv)	AP-011 - Barrier Curb and Gutter Frame		each	5		
v)	AP-012 - Barrier Curb and Gutter Cover		each	5		
C.19	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	4		
C.20	Drainage Connection Pipe	CW 2130-R12	m	21		
	ADJUSTMENTS					
C.21	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	12		
C.22	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
C.23	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	2		
iii)	76 mm		each	2		
C.24	Adjustment of Valve Boxes	CW 3210-R8	each	1		
C.25	Valve Box Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
C.26	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	200		
ii)	width > or = 600 mm		m²	3000		

The City of Winnipeg Bid Opportunity No. 32-2018 Template Version: C420180115-RW

FORM B: PRICES (SEE B10)

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ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	LANDSCAPING					
C.27	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2		
C.28	Replacement of Existing Drainage Pipe	E12	each	5		
С	KNIGHTSBRIDGE DRIVE - MEADOWOOD L	Subtotal:				
	WEST LEG), REHABILITATION					

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	HARESFORD CRESCENT - NOVAVISTA DE REHABILITATION	RIVE TO HAWKI	NS CRE	SCENT,		
	EARTH AND BASE WORKS					
D.1	Supplying and Placing Base Course Material	CW 3110-R19	m³	10		
0.2	Grading of Boulevards	CW 3110-R19	m²	700		
	ROADWORKS - RENEWALS					
0.3	Slab Replacement - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Reinforced)		m²	40		
D.4	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R8				
i)	150 mm Concrete Pavement (Type A)		m²	10		
ii)	150 mm Concrete Pavement (Type B)		m²	108		
iii)	150 mm Concrete Pavement (Type C)		m²	15		
iv)	150 mm Concrete Pavement (Type D)		m²	48		
D.5	Partial Depth Planing of Existing Joints	E16	m²	85		
D.6	Asphalt Patching of Partial Depth Joints	E16	m²	85		
D.7	Drilled Dowels	CW 3230-R8				
i)	19.1 mm Diameter		each	200		
D.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	150		
D.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	9		
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
a	Less than 5 sq.m.		m²	5		
b	5 sq.m. to 20 sq.m.		m²	30		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
D.12	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
а	Less than 3 m		m	5		
b	3 m to 30 m		m	255		
c	Greater than 30 m		m	35		
ii)	Modified Barrier (150 mm reveal ht, Dowelled)	SD-203B	m	80		
iii)	Lip Curb (40 mm reveal ht, Integral)	SD-202B	m	15		
iv)	Curb Ramp (8-12 mm reveal ht, Integral)	SD-229C,D	m	20		
D.13	Construction of Asphaltic Concrete Overlay	CW 3410-R12				
i)	Main Line Paving					
а	Type IA		tonne	380		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	75		
D.14	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	60		
	JOINT AND CRACK SEALING					
D.15	Reflective Crack Maintenance	CW 3250-R7	m	250		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.16	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024, 1800 deep c/w Barrier Curb and Gutter Frame and Cover		each	1		
D.17	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023, 600mm deep c/w Barrier Curb and Gutter Frame and Cover		each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.18	Frames & Covers	CW3210-R8				
i)	AP-011 - Barrier Curb and Gutter Frame		each	2		
ii)	AP-012 - Barrier Curb and Gutter Cover		each	2		
	ADJUSTMENTS					
D.19	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	4		
D.20	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
D.21	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	2		
ii)	51 mm		each	2		
iii)	76 mm		each	1		
D.22	Adjustment of Valve Boxes	CW 3210-R8	each	2		
D.23	Valve Box Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
D.24	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	50		
ii)	width > or = 600 mm		m²	650		
	LANDSCAPING					
D.25	Adjustment of Sprinkler Head and/or Drainage Pipe	E12	each	2		
D.26	Replacement of Existing Drainage Pipe	E12	each	5		
D	HARESFORD CRESCENT - NOVAVISTA DI REHABILITATION	RIVE TO HAWKI	NS CRE	SCENT,	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	HAIG AVENUE - RUE DES MEURONS TO E RECONSTRUCTION	GERTON ROAD) <u>,</u>			
	EARTH AND BASE WORKS					
≣.1	Excavation	CW 3110-R19	m³	1675		
≣.2	Sub-Grade Compaction	CW 3110-R19	m²	2950		
Ξ.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	2250		
≣.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	325		
E.5	Grading of Boulevards	CW 3110-R19	m²	2150		
E.6	Separation Geotextile Fabric	CW 3130-R4	m²	2950		
	ROADWORKS - RENEWALS					
E.7	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	2700		
E.8	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	20		
E.9	Miscellaneous Concrete Slab Renewal	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A				
а) Less than 5 sq.m.		m²	30		
b) 5 sq.m. to 20 sq.m.		m²	30		
C	Greater than 20 sq.m.		m²	50		
ii)	150 mm Reinforced Sidewalk					
а	5 sq.m. to 20 sq.m.		m²	8		
≣.10	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	50		
E.11	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	15		
E.12	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	30		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E.13	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	10		
	ROADWORKS - NEW CONSTRUCTION					
E.14	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	15		
E.15	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	570		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	15		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	65		
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	25		
v)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	25		
E.16	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	620		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	50		
	JOINT AND CRACK SEALING					
E.17	Crack Sealing	CW 3250-R7				
i)	2 mm to 10 mm Wide		m	300		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND					
E.18	UNDERGROUND WORKS Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep c/w Barrier Curb and Gutter Frame and Cover		each	10		
E.19	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	60		
E.20	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	1		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	1		
E.21	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Concrete) Sewer		each	6		
b)	Connecting to 375 mm (Concrete) Sewer		each	2		
c)	Connecting to 450 mm (Clay) Sewer		each	2		
E.22	Removal of Existing Catch Basins	CW 2130-R12	each	10		
E.23	Removal of Existing Catch Pit	CW 2130-R12	each	1		
.24	Abandoning Existing Drainage Inlets	CW 2130-R12	each	4		
E.25	Installation of Subdrains	CW 3120-R4	m	120		
	ADJUSTMENTS					
E.26	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	3		
E.27	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		

ITEM	DESCRIPTION	SPEC.	TINU	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
E.28	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
,						
ii)	51 mm		each	3		
",	31 111111		Cacii	3		
:::>	C4		b	4		
iii)	64 mm		each	1		
		0111 0010 00				
E.29	Adjustment of Valve Boxes	CW 3210-R8	each	2		
E.30	Valve Box Extensions	CW 3210-R8	each	1		
E.31	Adjustment of Curb Stop Boxes	CW 3210-R8	each	1		
E.32	Curb Stop Extensions	CW 3210-R8	each	1		
	LANDSCAPING					
E.33	Sodding	CW 3510-R9				
2.00	Codding	011 00 10 110				
	width < 600 mm		m²	250		
i)	WIGHT > 000 HIIII		111	250		
::,	width > ar - COO rare		?	4000		
ii)	width > or = 600 mm		m²	1900		
	MISCELLANEOUS					
E.34	Hydro Excavation	E14	hr	16		
Е	HAIG AVENUE - RUE DES MEURONS TO E	GERTON ROAD) <u>, </u>		Cubtotal	
	<u>RECONSTRUCTION</u>				Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	BERESFORD AVENUE - OSBORNE STREE RECONSTRUCTION	T TO DALY STE	REET S.,			
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R19	m³	3120		
2	Sub-Grade Compaction	CW 3110-R19	m²	4600		
3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	3450		
ii)	100 mm		tonne	1300		
4	Supplying and Placing Base Course Material	CW 3110-R19	m³	520		
5	Grading of Boulevards	CW 3110-R19	m²	4750		
6	Separation Geotextile Fabric	CW 3130-R4	m²	4335		
- .7	Supply and Install Geogrid	CW 3135-R1	m²	4335		
	ROADWORKS - RENEWALS					
² .8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	4100		
9	Drilled Tie Bars	CW 3230-R8				
i)	20 M Deformed Tie Bar		each	20		
.10	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	1650		
11	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m²	1620		
ii)	150 mm Reinforced Sidewalk		m²	50		
F.12	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	35		
⁷ .13	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	25		
⁷ .14	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	20		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.15	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	10		
⁷ .16	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	190		
⁷ .17	Detectable Warning Surface Tiles	CW 3326-R3	each	2		
	ROADWORKS - NEW CONSTRUCTION					
F.18	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R17				
i)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	70		
19	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	910		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	25		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	125		
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	25		
v)	Construction of Curb and Gutter (8-12 mm ht, Curb Ramp, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-229E	m	70		
20	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a)	Type IA		tonne	940		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
.21	Crack Sealing	CW 3250-R7				
i)	2 mm to 10 mm Wide		m	550		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
.22	Catch Basin	CW 2130-R12				
i)	SD-024, 1800 mm deep c/w Barrier Curb and Gutter Frame and Cover		each	9		
ii)	SD-024, 1800 mm deep c/w Mountable Curb and Gutter Frame and Cover		each	1		
.23	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	45		
.24	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	3		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	3		
.25	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	2		
.26	Connecting to Existing Sewer	CW 2130-R12				
i)	250 mm (PVC) Connecting Pipe					
a)	Connecting to 300 mm (Clay) Sewer		each	19		
b)	Connecting to 375 mm (Clay) Sewer		each	4		
c)	Connecting to 450 mm (Clay) Sewer		each	5		
.27	Removal of Existing Catch Basins	CW 2130-R12	each	10		
.28	Removal of Existing Catch Pit	CW 2130-R12	each	4		
.29	Abandoning Existing Drainage Inlets	CW 2130-R12	each	6		
.30	Installation of Subdrains	CW 3120-R4	m	120		
	Abandoning Existing Drainage Inlets	CW 2130-R12	each	6		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
F.31	Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		
F.32	Replacing Existing Risers	CW 2130-R12				
i)	Pre-cast Concrete Risers		vert. m	0.5		
F.33	Lifter Rings (AP-010)	CW 3210-R8				
i)	38 mm		each	1		
ii)	51 mm		each	6		
iii)	64 mm		each	1		
F.34	Adjustment of Valve Boxes	CW 3210-R8	each	1		
F.35	Valve Box Extensions	CW 3210-R8	each	1		
F.36	Adjustment of Curb Stop Boxes	CW 3210-R8	each	35		
F.37	Curb Stop Extensions	CW 3210-R8	each	15		
	LANDSCAPING					
F.38	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	350		
ii)	width > or = 600 mm		m²	4400		
	MISCELLANEOUS					
F.39	Hydro Excavation	E14	hr	16		
F	BERESFORD AVENUE - OSBORNE STREE RECONSTRUCTION	T TO DALY ST	REET S.,	-	Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	CHURCHILL DRIVE - ECCLES STREET TO RECONSTRUCTION	CASEY STREE	Γ,			
	EARTH AND BASE WORKS					
G.1	Excavation	CW 3110-R19, E17	m³	4000		
G.2	Sub-Grade Compaction	CW 3110-R19	m²	6400		
G.3	Crushed Sub-base Material	CW 3110-R19				
i)	50 mm		tonne	5400		
G.4	Supplying and Placing Base Course Material	CW 3110-R19	m³	700		
G.5	Grading of Boulevards	CW 3110-R19	m²	3700		
G.6	Separation Geotextile Fabric	CW 3130-R4	m²	6400		
G.7	Fill Material	CW 3170-R3, E17				
i)	Supplying and Placing Imported Material (Clay)	217	m³	1680		
	ROADWORKS - RENEWALS					
G.8	Pavement Removal	CW 3110-R19				
i)	Concrete Pavement		m²	5900		
G.9	Miscellaneous Concrete Slab Removal	CW 3235-R9				
i)	100 mm Sidewalk		m²	880		
G.10	Miscellaneous Concrete Slab Installation	CW 3235-R9				
i)	100 mm Sidewalk	SD-228A	m²	850		
G.11	Adjustment of Precast Sidewalk Blocks	CW 3235-R9	m²	10		
G.12	Supply of Precast Sidewalk Blocks	CW 3235-R9	m²	5		
G.13	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m²	15		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
6.14	Concrete Curb Renewal	CW 3240-R10				
i)	Barrier (100 mm reveal ht, Dowelled)	SD-205, SD-206A				
а	Less than 3 m		m	10		
b	3 m to 30 m		m	10		
G.15	Planing of Pavement	CW 3450-R6				
i)	1 - 50 mm Depth (Asphalt)		m²	150		
	ROADWORKS - NEW CONSTRUCTION					
G.16	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R17				
i)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement), Slip Form Paving	SD-200	m	1065		
ii)	Construction of Curb and Gutter (180 mm ht, Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200	m	25		
iii)	Construction of Curb and Gutter (180 mm ht, Modified Barrier, Integral, 600 mm width, 150 mm Plain Concrete Pavement)	SD-200 SD-203B	m	80		
iv)	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	14		
6.17	Construction of Asphaltic Concrete Pavements	CW 3410-R12				
i)	Main Line Paving					
a	Type IA		tonne	1650		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	10		
	JOINT AND CRACK SEALING					
G.18	Crack Sealing	CW 3250-R7				
i)	2 mm to 10 mm Wide		m	600		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
G.19	Catch Basin	CW 2130-R12				
i)	SD-024, 1200 mm deep c/w Standard Frame and Grated Cover		each	1		
ii)	SD-024, 1800 mm deep c/w Barrier Curb and Gutter Frame and Cover		each	4		
G.20	Catch Pit	CW 2130-R12				
i)	SD-023, 600mm deep c/w Standard Frame and Grated Cover		each	4		
G.21	Remove and Replace Existing Catch Basin	CW 2130-R12				
i)	SD-024, 1800mm deep c/w Barrier Curb and Gutter Frame and Cover		each	2		
G.22	Remove and Replace Existing Catch Pit	CW 2130-R12				
i)	SD-023, 600mm deep c/w Standard Frame and Grated Cover		each	2		
G.23	Sewer Service	CW 2130-R12				
i)	250 mm, PVC					
a)	In a Trench, Class B Type 2 Bedding, Class 3 Backfill		m	35		
G.24	Drainage Connection Pipe	CW 2130-R12	m	25		
G.25	Frames & Covers	CW3210-R8				
i)	AP-006 - Standard Frame for Manhole and Catch Basin		each	6		
ii)	AP-007 - Standard Solid Cover for Standard Frame		each	6		
G.26	Connecting to Existing Manhole	CW 2130-R12				
i)	250 mm Catch Basin Lead		each	1		
G.27	Connecting to Existing Catch Basin	CW 2130-R12				
i)	250 mm Drainage Connection Pipe		each	6		

DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Connecting to Existing Sewer	CW 2130-R12				
250 mm (PVC) Connecting Pipe					
Connecting to 300 mm (Concrete) Sewer		each	2		
Connecting to 450 mm (Clay) Sewer		each	1		
Connecting New Sewer Service to Existing Sewer Service	CW 2130-R12				
250 mm		each	1		
Removal of Existing Catch Basins	CW 2130-R12	each	4		
Removal of Existing Catch Pit	CW 2130-R12	each	3		
Abandoning Existing Drainage Inlets	CW 2130-R12	each	3		
Installation of Subdrains	CW 3120-R4	m	72		
ADJUSTMENTS					
Adjustment of Manholes/Catch Basins Frames	CW 3210-R8	each	6		
Replacing Existing Risers	CW 2130-R12				
Pre-cast Concrete Risers		vert. m	1.0		
Lifter Rings (AP-010)	CW 3210-R8				
38 mm		each	2		
51 mm		each	6		
64 mm		each	2		
Adjustment of Valve Boxes	CW 3210-R8	each	3		
Valve Box Extensions	CW 3210-R8	each	2		
Adjustment of Curb Stop Boxes	CW 3210-R8	each	16		
Curb Stop Extensions	CW 3210-R8	each	8		
Raising of Existing Hydrant	CW 2110-R11	each	1		
Removing and Lowering Existing Hydrant	CW 2110-R11	each	1		
	Connecting to Existing Sewer 250 mm (PVC) Connecting Pipe Connecting to 300 mm (Concrete) Sewer Connecting to 450 mm (Clay) Sewer Connecting New Sewer Service to Existing Sewer Service 250 mm Removal of Existing Catch Basins Removal of Existing Catch Pit Abandoning Existing Drainage Inlets Installation of Subdrains ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers Pre-cast Concrete Risers Lifter Rings (AP-010) 38 mm 51 mm 64 mm Adjustment of Valve Boxes Valve Box Extensions Adjustment of Curb Stop Boxes Curb Stop Extensions Raising of Existing Hydrant	Connecting to Existing Sewer 250 mm (PVC) Connecting Pipe Connecting to 300 mm (Concrete) Sewer Connecting to 450 mm (Clay) Sewer Connecting New Sewer Service to Existing Sewer Service 250 mm Removal of Existing Catch Basins Removal of Existing Catch Pit Abandoning Existing Drainage Inlets Installation of Subdrains CW 2130-R12 ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers CW 2130-R12 CW 3210-R8 Frames Replacing Existing Risers CW 2130-R12 CW 3210-R8 CW 2130-R12 CW 2130-R12 CW 3210-R8 CW 3210-R8 CW 3210-R8 ADJUSTMENTS Adjustment of Valve Boxes CW 3210-R8 CW 3210-R8 CW 3210-R8 CW 3210-R8 Adjustment of Valve Boxes CW 3210-R8 CW 3210-R8 CW 3210-R8 Adjustment of Curb Stop Boxes CW 3210-R8 Connecting to Existing Sewer 250 mm (PVC) Connecting Pipe Connecting to 300 mm (Concrete) Sewer Connecting to 450 mm (Clay) Sewer Connecting New Sewer Service to Existing Sewer Service 250 mm Removal of Existing Catch Basins Removal of Existing Catch Pit Abandoning Existing Drainage Inlets Installation of Subdrains ADJUSTMENTS Adjustment of Manholes/Catch Basins Frames Replacing Existing Risers Pre-cast Concrete Risers Lifter Rings (AP-010) 38 mm 64 mm Adjustment of Valve Boxes Valve Box Extensions Adjustment of Curb Stop Boxes CW 3210-R8 each CW 3210-R8 each each CW 3210-R8 each each each CW 3210-R8 each each CW 3210-R8 each each CW 3210-R8 REF. QUANTITY	REF. QUANTITY		

The City of Winnipeg Bid Opportunity No. 32-2018 Template Version: C420180115-RW

FORM B: PRICES (SEE B10)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	LANDSCAPING					
G.43	Sodding	CW 3510-R9				
i)	width < 600 mm		m²	850		
ii)	width > or = 600 mm		m²	2850		
	MISCELLANEOUS					
G.44	Hydro Excavation	E14	hr	10		
G	CHURCHILL DRIVE - ECCLES STREET TO RECONSTRUCTION	CASEY STREE	Τ,		Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Н	WATER AND WASTE WORK					
	HAIG AVENUE - SEWER REPAIR (MA50007	297)				
1.1	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	250 mm					
а	Class 3 Backfill		each	1		
l.2	Sewer Inspection (following repair)	CW2145-R4				
i)	250 mm, Concrete		m	97		
	BERESFORD AVENUE - SEWER REPAIR (M	1A60012383)				
.3	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	300 mm					
a	Class 3 Backfill		each	1		
ii)	450 mm					
а	Class 3 Backfill		each	2		
1.4	Sewer Repair - In Addition to First 3.0 Meters	CW 2130-R12				
i)	300 mm					
a	Class 3 Backfill		m	108		
ii)	450 mm					
a	Class 3 Backfill		m	3		
I.5	Sewer Inspection (following repair)	CW2145-R4				
i)	300 mm, Clay		m	111		
ii)	450 mm, Clay		m	97		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	CHURCHILL DRIVE - SEWER REPAIR (MA6	0013600)				
H.6	Sewer Repair - Up to 3.0 Meters Long	CW 2130-R12				
i)	450 mm					
a)	Class 3 Backfill		each	1		
H.7	Sewer Inspection (following repair)	CW2145-R4				
i)	450 mm, Clay		m	92		
	HAIG AVENUE - WATERMAIN AND WATER SERVICE INSULATION					
H.8	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	350		
	BERESFORD AVENUE - WATERMAIN AND WATER SERVICE INSULATION					
H.9	Watermain and Water Service Insulation	E13				
i)	Pipe Under Roadway Excavation (SD-018)		m²	350		
н	WATER AND WASTE WORK				Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2	2 MANITOBA HYDRO FUNDED (See B10.5, B17.2.1, B18.4, D2		014.4)			
ı	HAIG AVENUE - RUE DES MEURONS TO E	GERTON ROAL	D, STREE	T LIGHTING		
I.1	Removal of 25' to 35' street light pole and precase, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and	E15	each	7		
1.2	Installation of 50mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex)	E15	m	300		
1.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appertenances	E15	each	6		
ı	HAIG AVENUE - RUE DES MEURONS TO E	GERTON ROAL	D, STREE	T LIGHTING	Subtotal:	
J	BERESFORD AVENUE - OSBORNE STREE	T TO DALY ST	REET S.,	STREET		
J.1	LIGHTING Removal of 25' to 35' street light pole and precase, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and	E15	each	10		
J.2	Installation of 50mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex)	E15	m	580		
J.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appertenances	E15	each	10		
J	BERESFORD AVENUE - OSBORNE STREE LIGHTING	T TO DALY ST	REET S.,	STREET	Subtotal:	
K	CHURCHILL DRIVE - ECCLES STREET TO	CASEY STREE	T, STRE	ET LIGHTING		
K.1	Removal of 25' to 35' street light pole and precase, poured in place concrete, steel power installed base or direct buried including davit arm, luminaire and	E15	each	10		
K.2	Installation of 50mm conduit(s) by boring method complete with cable insertion (#4 AL C/N or 1/0 AL Triplex)	E15	m	550		
K.3	Installation of 25'/35' pole, davit arm and precast concrete base including luminaire and appertenances	E15	each	10		
К	CHURCHILL DRIVE - ECCLES STREET TO	CASEY STREE	T, STRE	ET LIGHTING	Subtotal:	
	1					

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	SU	MMARY				
PART 1	1 CITY FUNDED WORK					
Α	DARWIN STREET - RIEL AVENUE TO RIVER	RBEND AVE, R	EHABILI [.]	<u>TATION</u>	Subtotal:	
В	WHITLEY DRIVE - HAWKINS CRESCENT TO REHABILITATION			_	Subtotal:	
С	KNIGHTSBRIDGE DRIVE - MEADOWOOD D (WEST LEG), REHABILITATION				Subtotal:	
D	HARESFORD CRESCENT - NOVAVISTA DR REHABILITATION	IVE TO HAWKI	NS CRES	SCENT,	Subtotal:	
E	HAIG AVENUE - RUE DES MEURONS TO EG	SERTON ROAD	, RECON	ISTRUCTION	Subtotal:	
F	BERESFORD AVENUE - OSBORNE STREET RECONSTRUCTION				Subtotal:	
G	CHURCHILL DRIVE - ECCLES STREET TO CRECONSTRUCTION	CASEY STREE	<u>T.</u>		Subtotal:	
Н	WATER AND WASTE WORK				Subtotal:	
				(total _l	price) PART 1	
PART 2	MANITOBA HYDRO FUNDED (See B10.5, B17.2.1, B18.4, D2		14.4)			
ı	HAIG AVENUE - RUE DES MEURONS TO EG	SERTON ROAD), STREE	T LIGHTING	Subtotal:	
J	BERESFORD AVENUE - OSBORNE STREET LIGHTING	TO DALY STE	REET S.,	STREET	Subtotal:	
K	CHURCHILL DRIVE - ECCLES STREET TO	CASEY STREE	T, STREE	T LIGHTING	Subtotal:	
				(total	price) PART 2	
OTAL BI	ID PRICE (GST extra)		(i	n figures)		

(Seal)

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FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B13)

	BID BOND	
KNOW ALL MEN BY THESE PRESENTS T	THAT	
(hereinafter called the "Principal") and		
the "Obligee") in the sum of ten percent (10 ^o for the payment of which sum the Principal at successors and assigns, jointly and several		r described,
WHEREAS the Principal has submitted a Bi	id to the Obligee for	
BID OPPORTUNITY NO. 32-2018		
2018 Local Streets Renewal Program – Dar	win Street, Haig Avenue and Various Other Location	าร
as more fully set out in the Bid Opportunity.		
if said Bid is accepted and the Principal, in a the said Obligee and furnishes the required	ligation is such that if the Bid of the Principal is not a accordance with the terms of the Bid, enters into a C performance security for guaranteeing the faithful p, but otherwise shall remain in full force and effect.	ontract with
IN WITNESS WHEREOF the Principal and	Surety have signed and sealed this bond the	
day of	, 20	
SIGNED AND SEALED in the presence of: (Witness as to Principal if no seal)	(Name of Principal) Per:	(Seal)
	Per:	

(Name of Surety)

(Attorney-in-Fact)

By:

(Seal) (Attorney-in-Fact)

Template Version: C420180115 - RW

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____ for BID OPPORTUNITY NO. 32-2018 2018 Local Streets Renewal Program – Darwin Street, Haig Avenue and Various Other Locations in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond shall be in the form specified in the Bid Opportunity. It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within Sixty (60) Calendar Days following the Submission Deadline. AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding. SIGNED AND SEALED this ______, 20_____. (Name of Surety)

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B13)

(Date)	
Corpor Materia 185 Kii	ty of Winnipeg rate Finance Department als Management Division ng Street, Main Floor neg MB R3B 1J1
RE:	BID SECURITY – BID OPPORTUNITY NO. 32-2018
	2018 Local Streets Renewal Program – Darwin Street, Haig Avenue and Various Other Locations
Pursua	ant to the request of and for the account of our customer,
(Name o	of Bidder)
(Address	s of Bidder)
	EREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate
	Canadian dollars.
for pay for the inquirir	tandby Letter of Credit may be drawn on by you at any time and from time to time upon written demand ment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit payment of monies only and we hereby agree that we shall honour your demand for payment without no whether you have a right as between yourself and our customer to make such demand and without hizing any claim of our customer or objection by the customer to payment by us.
	nount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon ou or by formal notice in writing given to us by you if you desire such reduction or are willing that it be
Partial	drawings are permitted.
	gage with you that all demands for payment made within the terms and currency of this Standby Letter dit will be duly honoured if presented to us at:
(Address	5)
and we	e 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 May 22, 2018

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

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

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

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

(Name of bank or financial institution)	
Dor	
Per:	
	(Authorized Signing Officer)
Per:	
rei.	
	(Authorized Signing Officer)