Template Version: C420070405

FORM A: BID (See B7)

1.	Contract Title	The City of Winnipeg Tr Improvements –Phase	ansit Department – On Street T	ransit Priority
2.	Bidder	Name of Bidder		
		Street		
		City	Province	Postal Code
		Facsimile Number		
	(Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
		The Bidder is:		
	(Choose one)	a sole proprietor		
		a partnership		
		a corporation		
		carrying on business ur	der the above name.	
3.	Contact Person	The Bidder hereby auth the Bidder for purposes	norizes the following contact pe of the Bid.	rson to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms uascribed to them in the	used in the Contract shall have General Conditions.	ve the meanings
5.	Offer		ers to perform the Work in acc Bid Price, in Canadian funds, se o.	

Template Version: C420070405 6. **Bid Security** In accordance with B10.1, 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. The Bidder agrees that no Work shall commence until he is in receipt of 8. Commencement of the Work 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 thirty (30) Calendar Days following the Submission Deadline.

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12.	Signatures	In witness whereof the Bidder or the Bidder's authorized official of officials have signed this					
		, 20					
	(If no corporate seal) Signed and sealed in the presence of:	Signature of Bidder or Bidder's Authorized Official or Officials					
	(Witness)	(Print here name and official capacity of individual whose signature appears above					
	(Witness)	(Print here name and official capacity of individual whose signature appears above					

SEAL

ITEN	M	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
		On Street Transit Priority Impro		hase 1	•		
Α		Pembina Corridor - University Crescent					
		EARTH AND BASE WORKS					
A.1		Excavation	CW 3110-R10	m³	125		
A.2		Sub-Grade Compaction	CW 3110-R10	m²	220		
A.3		Crushed Sub-base Material	CW 3110-R10				
	i)	50 mm - Limestone		tonne	75		
A.4		Supplying and Placing Base Course Material	CW 3110-R10	m³	16		
A.5		Grading of Boulevards	CW 3110-R10	m²	30		
		ROADWORKS - REMOVALS/RENEWALS					
A.6		Pavement Removal	CW 3110-R10				
	i)	Concrete Pavement		m²	150		
A.7		Drilled Dowels	CW 3230-R5				
	i)	19.1 mm Diameter		each	10		
A.8		Drilled Tie Bars	CW 3230-R5				
	i)	20 M Deformed Tie Bar		each	145		
	ii)	25 M Deformed Tie Bar		each	4		
A.9		Miscellaneous Concrete Slab Removal	CW 3235-R6				
	i)	Sidewalk		m²	51		
	ii)	Monolithic Curb and Sidewalk		m²	67		
A.10		Miscellaneous Concrete Slab Renewal	CW 3235-R6				
	i)	Sidewalk	SD-228A				
		a) Less than 5 sq.m.		m²	5		

ITEM	1	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.11		Concrete Curb Removal	CW 3240-R6		-		
	i)	Barrier 150		m	4		
	ii)	Modified Barrier (Integral)		m	13		
	iii)	Splash Strip		m	46		
A.12		Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i)	Main Line Paving					
		a) Type IA		tonne	26		
		ROADWORKS - NEW CONSTRUCTION					
A.13		Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R11				
	i)	Construction of 200 mm Concrete Pavement (Plain-Dowelled)		m²	195		
	ii)	Construction of 150 mm Concrete Pavement (Reinforced)		m²	85		
	iii)	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	162		
	iv)	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	18		
A.14		Supply and Installation of Dowel Assemblies	CW 3310-R11	m	25		
		JOINT AND CRACK SEALING					
A.15		Reflective Crack Maintenance	CW 3250-R6	m	60		
		ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.16		Catch Pit	CW 2130-R10				
	i)	SD-023		each	2		
A.17		Drainage Connection Pipe	CW 2130-R10	m	2		
A.18		Replacing Standard Frames & Covers	CW 2130-R10				
	i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	1		
	ii)	AP-005 - Standard Solid Cover for Standard Frame		each	1		

DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	REF.		QUANTITY		
Connecting to Existing Catch Basin	CW 2130-R10				
250 mm Drainage Connection Pipe		each	2		
Removal of Existing Catch Pit	CW 2130-R10	each	1		
AD WOTHENTO					
Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
Lifter Rings	CW 3210-R7				
51mm		each	1		
Adjustment of Valve Boxes	CW 3210-R7	each	1		
Type B Relocation of Hydrant with	CW 2110-R10	each	1		
Connection to New Main Using a Tee	SD-007				
LANDSCAPING					
Sodding	CW 3510-R9				
	011 00 10 No				
width < 600mm		m²	30		
MISCELLANEOUS					
Installation of Barrier Posts	CW 3650-R4	each	7		
Installation of Barrier Rails	CW 3650-R4	m	38		
 Salvaging Existing Barrier Rail	CW 3650-R4	m	38		
	0,44,0000		_		
Salvaging Existing Barrier Posts	CW 3650-R4	each	7		
Pembina Corridor - University Crescent				Subtotal:	
	Connecting to Existing Catch Basin 250 mm Drainage Connection Pipe Removal of Existing Catch Pit ADJUSTMENTS Adjustment of Catch Basins / Manholes Frames Lifter Rings 51mm Adjustment of Valve Boxes Type B Relocation of Hydrant with Connection to New Main Using a Tee LANDSCAPING Sodding width < 600mm MISCELLANEOUS Installation of Barrier Posts Installation of Barrier Rails Salvaging Existing Barrier Rail Salvaging Existing Barrier Posts	Connecting to Existing Catch Basin 250 mm Drainage Connection Pipe Removal of Existing Catch Pit CW 2130-R10 ADJUSTMENTS Adjustment of Catch Basins / Manholes Frames Lifter Rings CW 3210-R7 51mm Adjustment of Valve Boxes CW 3210-R7 Type B Relocation of Hydrant with Connection to New Main Using a Tee CW 2110-R10 SD-007 LANDSCAPING Sodding width < 600mm MISCELLANEOUS Installation of Barrier Posts Installation of Barrier Rails Salvaging Existing Barrier Rail CW 3650-R4 CW 3650-R4 CW 3650-R4	Connecting to Existing Catch Basin 250 mm Drainage Connection Pipe Removal of Existing Catch Pit CW 2130-R10 each CW 2130-R10 each ADJUSTMENTS Adjustment of Catch Basins / Manholes Frames Lifter Rings CW 3210-R7 each CW 3210-R7 each CW 3210-R7 each CW 3210-R7 frames CW 3210-R7 each CW 2110-R10 each SD-007 LANDSCAPING Sodding CW 3510-R9 width < 600mm m² MISCELLANEOUS Installation of Barrier Posts Installation of Barrier Rails CW 3650-R4 m Salvaging Existing Barrier Posts CW 3650-R4 each CW 3650-R4 m CW 3650-R4 m CW 3650-R4 m CW 3650-R4 each CW 3650-R4	REF. QUANTITY	REF. QUANTITY

ITEM	1	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В		Pembina Corridor - Bishop Grandin Blvd E	/B Off Ramp				
		EARTH AND BASE WORKS					
B.1		Clearing and Grubbing	CW 3010-R4	ha	0.100		
B.2		Excavation	CW 3110-R10	m³	1000		
B.3		Sub-Grade Compaction	CW 3110-R10	m²	720		
B.4		Crushed Sub-base Material	CW 3110-R10				
	i)	50 mm - Limestone		tonne	400		
	ii)	150 mm - Limestone		tonne	680		
B.5		Supplying and Placing Base Course Material	CW 3110-R10	m³	55		
B.6		Grading of Boulevards	CW 3110-R10	m²	1700		
B.7		Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m²	670		
		ROADWORKS - REMOVALS/RENEWALS					
B.8		Drilled Dowels	CW 3230-R5				
	i)	19.1 mm Diameter		each	5		
B.9		Drilled Tie Bars	CW 3230-R5				
	i)	20 M Deformed Tie Bar		each	50		
	ii)	25 M Deformed Tie Bar		each	5		
B.10		Miscellaneous Concrete Slab Renewal	CW 3235-R6				
	i)	Sidewalk	SD-228A				
		a) Less than 5 sq.m.		m²	5		
B.11		Concrete Curb Removal	CW 3240-R6				
	i)	Curb and Gutter		m	30		
	ii)	Lip Curb		m	7		
B.12		Concrete Curb Installation	CW 3240-R6				
	i)	Lip Curb (75mm ht, Integral)	SD-202A	m	6		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.13	Concrete Curb Renewal	CW 3240-R6		-		
	i) Barrier (150 mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m to 30 m		m	10		
B.14	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m²	15		
B.15	Removing Existing Interlocking Paving Stones	E9	m²	65		
B.16	Removing Existing Lean Concrete Base	E9	m²	45		
B.17	Unit Paver Insert and Bus Stop Flag Foundation	E10	each	1		
	ROADWORKS - NEW CONSTRUCTION					
B.18	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians i) Construction of 230 mm Concrete Pavement (Plain-Dowelled, Slip Formed)	CW 3310-R11	m²	470		
	ii) Construction of 230 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	160		
	iii) Construction of Monolithic Curb and Sidewalk	SD-228B	m²	110		
i	iv) Construction of Monolithic Concrete Bull- noses	SD-227C	m²	5		
B.19	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
	i) Construction of Barrier (200 mm ht, Separate)	SD-203A	m	180		
	ii) Construction of Modified Barrier Curb (Separate)	SD-203B	m	80		
	iii) Construction of Curb Ramp (10mm ht, type)	SD-229E	m	6		
B.20	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	125		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.21	Catch Basin	CW 2130-R10				
	i) SD-025		each	1		
B.22	Drainage Connection Pipe	CW 2130-R10	m	5		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
B.23	Connecting to Existing Sewer	CW 2130-R10				
;	250mm of PVC connecting pipe					
'/	230mm of 1 ve connecting pipe					
				_		
	c) Connecting to 450mm Land Drainage Sewer		each	1		
	OGWCI					
	ADJUSTMENTS					
B.24	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
B.25	Lifter Rings	CW 3210-R7				
i)	51mm		each	1		
B.26	Adjustment of Valve Boxes	CW 3210-R7	each	3		
D.20	Adjustment of valve boxes	OW 3210-101	cacii	3		
	LANDSCAPING					
B.27	Sodding	CW 3510-R9				
D.21	Codding	000 00 10 No				
l i)	width > or = 600mm		m²	1700		
'/	width > 01 = 000mm		111-	1700		
	Miscellaneous					
B.28		CW 3530-R3	each	1		
D.20	Removal of Existing Box Enclosure	CVV 3030-R3	eacil	ı		
В	Pembina Corridor - Bishop Grandin Blvd E	/B Off Ramp			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	Pembina Corridor - Pembina Hwy @ Jubile	ee Ave				
	EARTH AND BASE WORKS					
C.1	Excavation	CW 3110-R10	m³	160		
C.2	Sub-Grade Compaction	CW 3110-R10	m²	255		
C.3	Crushed Sub-base Material	CW 3110-R10				
	i) 50 mm - Limestone		tonne	90		
C.4	Supplying and Placing Base Course Material	CW 3110-R10	m³	20		
C.5	Grading of Boulevards	CW 3110-R10	m²	125		
	ROADWORKS - REMOVALS/RENEWALS					
C.6	Drilled Dowels	CW 3230-R5				
	i) 19.1 mm Diameter		each	4		
C.7	Drilled Tie Bars	CW 3230-R5				
	i) 20 M Deformed Tie Bar		each	95		
i	i) 25 M Deformed Tie Bar		each	4		
C.8	Miscellaneous Concrete Slab Removal	CW 3235-R6				
	i) Sidewalk		m²	85		
C.9	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
	i) Sidewalk	SD-228A				
	a) Greater than 20 sq.m.		m²	55		
C.10	Concrete Curb Removal	CW 3240-R6				
	i) Barrier (Integral)		m	85		
C.11	Concrete Curb Renewal	CW 3240-R6				
	i) Barrier (150 mm ht, Dowelled)	SD-205, SD206A				
	b) 3 m to 30 m	35200A	m	10		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.12	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i) Tie-ins and Patches	E12				
	a) Type IA		tonne	7		
	ROADWORKS - NEW CONSTRUCTION					
C.13	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R11				
	Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	250		
i	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	100		
ii	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	5		
C.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	6		
i	Construction of Splash Strip (150 mm ht, Barrier Curb, Integral, 600mm width)	SD-227B	m	52		
C.15	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	48		
	ADJUSTMENTS					
C.16	Adjustment of Valve Boxes	CW 3210-R7	each	2		
	LANDSCAPING					
C.17	Sodding	CW 3510-R9				
	i) width < 600mm		m²	10		
i	i) width > or = 600mm		m²	115		
	MISCELLANEOUS					
C.18	Relocate Planters	E13	each	4		
С	Pembina Corridor - Pembina Hwy @ Jubile	ee Ave			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	Pembina Corridor - Osborne St @ Corydor	1 Ave				
D.1	Excavation	CW 3110-R10	m³	175		
D.2	Sub-Grade Compaction	CW 3110-R10	m²	365		
D.3	Crushed Sub-base Material	CW 3110-R10				
	i) 50 mm - Limestone		tonne	126		
D.4	Supplying and Placing Base Course Material	CW 3110-R10	m³	30		
D.5	Grading of Boulevards	CW 3110-R10	m²	5		
	ROADWORKS - REMOVALS/RENEWALS					
D.6	Drilled Dowels	CW 3230-R5				
	i) 19.1 mm Diameter		each	30		
D.7	Drilled Tie Bars	CW 3230-R5				
	i) 20 M Deformed Tie Bar		each	140		
	ii) 25 M Deformed Tie Bar		each	5		
D.8	Miscellaneous Concrete Slab Removal	CW 3235-R6				
	i) Sidewalk		m²	180		
D.9	Miscellaneous Concrete Slab Installation	CW 3235-R6				
	i) Monolithic Curb and Sidewalk	SD-228B	m²	160		
D.10	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
	i) Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m²	20		
	ii) Bullnose	SD-227C	m²	5		
	iii) Monolithic Curb and Sidewalk	SD-228B	m²	20		
D.11	Concrete Curb Removal	CW 3240-R6				
	i) Barrier (Integral)		m	100		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.12	Concrete Curb Renewal	CW 3240-R6				
	i) Barrier (150 mm ht, Dowelled)	SD-205, SD206A				
	a) 3 m to 30 m		m	10		
D.13	Regrading Existing Interlocking Paving Stones	CW 3330-R3	m²	25		
D.14	Renewal of Lean Concrete Base	CW 3335 E14	m²	25		
D.15	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i) Tie-ins and Patches	E12				
	a) Type IA		tonne	7		
	ROADWORKS - NEW CONSTRUCTION					
D.16	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R11				
	i) Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	350		
	ii) Construction of Monolithic Curb and Sidewalk	SD-228B	m²	165		
	iii) Construction of Monolithic Concrete Bull-noses	SD-227C	m²	5		
D.17	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
	i) Construction of Barrier (150mm ht, Separate) SD-203A	m	25		
	ii) Construction of Curb Ramp (10mm ht, type)	SD-229E	m	20		
D.18	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	70		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.19	Replacing Standard Frames & Covers	CW 2130-R10				
	i) AP-004 - Standard Frame for Manhole and		each	1		
	Catch Basin ii) AP-005 - Standard Solid Cover for Standard Frame		each	1		
	ADJUSTMENTS					
D.20	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
		1				

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
D.21	Replacing Existing Risers	CW 2130-R10				
D.22	Cast-in-place concrete Replacing Existing Risers	CW 2130-R10	vert. m	1		
D.23	Lifter Rings	CW 3210-R7				
i)	51mm		each	1		
D.24	Adjustment of Valve Boxes	CW 3210-R7	each	3		
	LANDSCAPING					
D.25	Sodding	CW 3510-R9				
i)	width < 600mm		m²	5		
D	Pembina Corridor - Osborne St @ Corydor	n Ave			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	St Mary's Corridor - St. Mary's Rd @ Bisho	p Grandin Blvo	ı			
	EARTH AND BASE WORKS					
E.1	Clearing and Grubbing	CW 3010-R4	ha	0.050		
E.2	Excavation	CW 3110-R10	m³	480		
E.3	Sub-Grade Compaction	CW 3110-R10	m²	740		
E.4	Crushed Sub-base Material	CW 3110-R10				
	i) 50 mm - Limestone		tonne	385		
E.5	Supplying and Placing Base Course Material	CW 3110-R10	m³	50		
E.6	Grading of Boulevards	CW 3110-R10	m²	270		
E.7	Boulevard Excavation	CW 3110-R10	m³	75		
E.8	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m²	740		
	ROADWORKS - REMOVALS/RENEWALS					
E.9	Drilled Dowels	CW 3230-R5				
	i) 19.1 mm Diameter		each	20		
E.10	Drilled Tie Bars	CW 3230-R5				
	i) 20 M Deformed Tie Bar		each	260		
	ii) 25 M Deformed Tie Bar		each	10		
E.11	Miscellaneous Concrete Slab Removal	CW 3235-R6				
	i) Sidewalk		m²	35		
	ii) Monolithic Curb and Sidewalk		m²	310		
E.12	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
	i) Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m²	5		
	b) 5 sq.m. to 20 sq.m.		m²	10		

ITEN	Λ	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
E.13		Concrete Curb Removal	REF. CW 3240-R6		QUANTITY		
	i)	Splash Strip		m	100		
E.14		Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i)	Main Line Paving					
		a) Type IA		tonne	105		
	i)	Tie-ins and Patches	E12				
		a) Type IA		tonne	5		
E.15		Planing of Pavement	CW 3450-R5				
	i)	50 - 100 mm Depth (Asphalt)		m²	190		
	ii)	0 - 50 mm Depth (Concrete)		m²	10		
		ROADWORKS - NEW CONSTRUCTION					
E.16		Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R11				
	i)	Construction of 200 mm Concrete Pavement (Plain-Dowelled)		m²	500		
	ii)	Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	210		
	iii)	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	330		
	iv)	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	5		
E.17		Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
	i)	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	15		
	ii)	Construction of Splash Strip (*mm ht, Barrier Curb, Integral, 600mm width)	SD-227B	m	120		
E.18		Supply and Installation of Dowel Assemblies	CW 3310-R11	m	135		
E.19		Construction of Asphaltic Concrete Pavements	CW 3410-R7				
		STRUCTURAL/RETAINING WALL CONCRE	TE WORKS				
E.20		Supply and Place Reinforcing Steel - Plain	E15	kg	1025		
E.21		Supply and Place Structural Concrete	E16	m³	10.4		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
E.22	Reflective Crack Maintenance	CW 3250-R6	m	115		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
E.23	Catch Pit	CW 2130-R10				
i)	SD-023		each	1		
E.24	Drainage Connection Pipe	CW 2130-R10	m	5		
E.25	Replacing Standard Frames & Covers	CW 2130-R10				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
,	AP-005 - Standard Solid Cover for Standard Frame		each	1		
iii)	AP-006 - Standard Grated Cover for Standard Frame		each	1		
	ADJUSTMENTS					
	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	2		
E.27	Lifter Rings	CW 3210-R7				
i)	51mm		each	1		
E.28	Adjustment of Valve Boxes	CW 3210-R7	each	3		
E.29	Type A Relocation of Hydrant	CW 2110-R10 SD-006	each	1		
	LANDSCAPING					
E.30	Sodding	CW 3510-R9				
i)	width < 600mm		m²	10		
ii)	width > or = 600mm		m²	270		
	MISCELLANEOUS					
E.31	Removal of Wood Fence	E17	each	1		
E	St Mary's Corridor - St. Mary's Rd @ Bisho	p Grandin Blvd			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	St. Mary's Corridor - St. Mary's Rd @ Dunk	kirk/Dakota St				
	EARTH AND BASE WORKS					
F.1	Excavation	CW 3110-R10	m³	25		
F.2	Sub-Grade Compaction	CW 3110-R10	m²	52		
F.3	Crushed Sub-base Material	CW 3110-R10				
ij	50 mm - Limestone		tonne	18		
F.4	Supplying and Placing Base Course Material	CW 3110-R10	m³	4		
	ROADWORKS - REMOVALS/RENEWALS					
F.5	Drilled Dowels	CW 3230-R5				
ij	19.1 mm Diameter		each	15		
F.6	Drilled Tie Bars	CW 3230-R5				
ij	20 M Deformed Tie Bar		each	30		
ii	25 M Deformed Tie Bar		each	5		
F.7	Miscellaneous Concrete Slab Removal	CW 3235-R6				
ij	Bullnose		m²	5		
ii	Monolithic Curb and Sidewalk		m²	38		
F.8	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
i	Tie-ins and Patches	E12				
,	a) Type IA		tonne	1		
	ROADWORKS - NEW CONSTRUCTION					
F.9	Concrete Pavements, Median Slabs, Bull-	CW 3310-R11				
ij	noses, and Safety Medians Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	50		
ii	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	18		
iii	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	3		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F.10	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
i)	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	6		
F.11	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	10		
F	St. Mary's Corridor - St. Mary's Rd @ Dunk	irk/Dakota St			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	St. Anne's Corridor - St. Anne's Rd @ Bish	op Grandin Blv	<u>′d</u>			
	EARTH AND BASE WORKS					
G.1	Excavation	CW 3110-R10	m³	380		
G.2	Sub-Grade Compaction	CW 3110-R10	m²	545		
G.3	Crushed Sub-base Material	CW 3110-R10				
i)	50 mm - Limestone		tonne	95		
G.4	Supplying and Placing Base Course Material	CW 3110-R10	m³	40		
G.5	Grading of Boulevards	CW 3110-R10	m²	440		
G.6	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m²	545		
	ROADWORKS - REMOVALS/RENEWALS					
G.7	Drilled Dowels	CW 3230-R5				
i)	19.1 mm Diameter		each	15		
G.8	Drilled Tie Bars	CW 3230-R5				
i)	20 M Deformed Tie Bar		each	150		
ii)	25 M Deformed Tie Bar		each	5		
G.9	Miscellaneous Concrete Slab Removal	CW 3235-R6				
i)	Bullnose		m²	8		
G.10	Concrete Curb Removal	CW 3240-R6				
i)	Barrier Separate		m	130		
G.11	Concrete Curb Renewal	CW 3240-R6				
i)	Barrier (150mm ht, Dowelled)	SD-205, SD206A				
	a) Less than 3 m		m	4		
	b) 3 m to 30 m		m	12		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.12	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
i	i) Main Line Paving					
	a) Type IA		tonne	90		
	ROADWORKS - NEW CONSTRUCTION					
G.13	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R11				
i	i) Construction of 200 mm Concrete Pavement (Plain-Dowelled)		m²	520		
i	i) Construction of Monolithic Concrete Bull- noses	SD-227C	m²	3		
G.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
i	i) Construction of Barrier (150 mm ht, Separate)	SD-203A	m	125		
ii	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	6		
G.15	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	95		
	JOINT AND CRACK SEALING					
G.16	Reflective Crack Maintenance	CW 3250-R6	m	95		
	LANDSCAPING					
G.17	Sodding	CW 3510-R9				
İ	i) width > or = 600mm		m²	440		
	MISCELLANEOUS					
G.18	Supply of Barrier Posts	CW 3650-R4	each	16		
G.19	Installation of Barrier Posts	CW 3650-R4	each	16		
G.20	Supply of Barrier Rails	CW 3650-R4	m	84		
G.21	Installation of Barrier Rails	CW 3650-R4	m	84		
G	St. Anne's Corridor - St. Anne's Rd @ Bish	op Grandin Blv	/d		Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Н	St. Anne's Corridor - St. Anne's Rd @ Fern	nor Ave				
	EARTH AND BASE WORKS					
H.1	Excavation	CW 3110-R10	m³	25		
H.2	Sub-Grade Compaction	CW 3110-R10	m²	50		
H.3	Crushed Sub-base Material	CW 3110-R10				
ij	50 mm - Limestone		tonne	18		
H.4	Supplying and Placing Base Course Material	CW 3110-R10	m³	4		
H.5	Grading of Boulevards	CW 3110-R10	m²	5		
	ROADWORKS - REMOVALS/RENEWALS					
H.6	Drilled Dowels	CW 3230-R5				
ij	19.1 mm Diameter		each	16		
H.7	Drilled Tie Bars	CW 3230-R5				
ij	20 M Deformed Tie Bar		each	30		
iij	25 M Deformed Tie Bar		each	5		
H.8	Miscellaneous Concrete Slab Removal	CW 3235-R6				
ij	Bullnose		m²	3		
ii	Monolithic Curb and Sidewalk		m²	40		
H.9	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
ij	Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m²	5		
H.10	Concrete Curb Renewal	CW 3240-R6				
ij	Barrier (150 mm ht, Dowelled)	SD-205, SD206A				
	a) Less than 3 m	3D200A	m	5		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.11	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
	i) Tie-ins and Patches	E12				
	a) Type IA		tonne	2		
	ROADWORKS - NEW CONSTRUCTION					
H.12	Concrete Pavements, Median Slabs, Bull-	CW 3310-R11				
	noses, and Safety Medians Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	50		
i	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	20		
ii	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	3		
H.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	12		
H.14	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	8		
	LANDSCAPING					
H.15	Sodding	CW 3510-R9				
	i) width < 600mm		m²	5		
Н	St. Anne's Corridor - St. Anne's Rd @ Fern	nor Ave			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ı	St. Anne's Corridor - St. Anne's Rd @ King	swood Ave				
	EARTH AND BASE WORKS					
l.1	Excavation	CW 3110-R10	m³	30		
1.2	Sub-Grade Compaction	CW 3110-R10	m²	60		
1.3	Crushed Sub-base Material	CW 3110-R10				
i)	50 mm - Limestone		tonne	20		
1.4	Supplying and Placing Base Course Material	CW 3110-R10	m³	5		
	ROADWORKS - REMOVALS/RENEWALS					
1.5	Drilled Dowels	CW 3230-R5				
i)	19.1 mm Diameter		each	22		
1.6	Drilled Tie Bars	CW 3230-R5				
i)	20 M Deformed Tie Bar		each	40		
ii)	25 M Deformed Tie Bar		each	5		
1.7	Miscellaneous Concrete Slab Removal	CW 3235-R6				
i)	Sidewalk		m²	80		
ii)	Bullnose		m²	3		
1.8	Miscellaneous Concrete Slab Installation	CW 3235-R6				
i)	Monolithic Curb and Sidewalk	SD-228B	m²	10		
1.9	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
i)	Monolithic Curb and Sidewalk	SD-228B	m²	10		
l.10	Concrete Curb Removal	CW 3240-R6				
i)	Barrier (Integral)		m	40		
.11	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
i)	Tie-ins and Patches	E12				
')	a) Type IA	L12	tonne	2		
	a) Type IA 		tonne	2		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	BESSIAI TION	REF.	0.4.1	QUANTITY	514111462	7 4010 0111
	ROADWORKS - NEW CONSTRUCTION					
I.12 ij	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians Construction of 200 mm Concrete Pavement	CW 3310-R11 E11	m²	60		
	(Plain-Dowelled, Tinted)					
ii)	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	50		
iii)	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	5		
I.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
ij	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	15		
l.14	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	10		
I	St. Anne's Corridor - St. Anne's Rd @ King	swood Ave	-		Subtotal:	_

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
				QUANTITY		
J	All Corridors - Traffic Signal Installation Re	<u>estorations</u>				
	ROADWORKS - REMOVALS/RENEWALS					
J.1	Drilled Tie Bars	CW 3230-R5				
i)	20 M Deformed Tie Bar		each	10		
J.2	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
i)	Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m²	15		
ii)	Monolithic Curb and Sidewalk	SD-228B	m²	35		
J.3	Concrete Curb Renewal	CW 3240-R6				
i)	Barrier (150 mm ht, Dowelled)	SD-205, SD206A				
	a) Less than 3 m		m	20		
ii)	Curb Ramp (10mm ht, Dowelled)	SD-229 E	m	15		
	LANDSCAPING					
J.4	Sodding	CW 3510-R9				
i)	width < 600mm		m²	10		
J	All Corridors - Traffic Signal Installation Re	estorations			Subtotal:	

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
SUMMARY						
Α	Pembina Corridor - University Crescent				Subtotal:	
В	Pembina Corridor - Bishop Grandin Blvd E	/B Off Ramp			Subtotal:	
С	Pembina Corridor - Pembina Hwy @ Jubile	e Ave			Subtotal:	
D	Pembina Corridor - Osborne St @ Corydon	ı Ave			Subtotal:	
E	St Mary's Corridor - St. Mary's Rd @ Bisho	p Grandin Blvd	l		Subtotal:	
F	St. Mary's Corridor - St. Mary's Rd @ Dunk	irk/Dakota St			Subtotal:	
G	St. Anne's Corridor - St. Anne's Rd @ Bish	op Grandin Blv	rd		Subtotal:	
Н	St. Anne's Corridor - St. Anne's Rd @ Ferm	nor Ave			Subtotal:	
I	St. Anne's Corridor - St. Anne's Rd @ King	swood Ave			Subtotal:	
J	All Corridors - Traffic Signal Installation Re	estorations			Subtotal:	
TOTAL BID PRICE (GST extra) (in figures)						
(in words)						

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B10)

BID BOND

KNOW ALL MEN BY THESE PRESENTS T	ТНАТ
(hereinafter called the "Principal") and	
called the "Obligee") in the sum of ten per	and firmly bound unto THE CITY OF WINNIPEG (hereinafter cent (10%) of the Total Bid Price set out in the Bid hereinafter ne Principal and Surety bind themselves, their heirs, executors, ntly and severally, firmly by these presents.
WHEREAS the Principal has submitted a Bi	d to the Obligee dated the
day of	, 20 for
BID OPPORTUNITY NO. 513-2007	
The City of Winnipeg Transit Department –	On Street Transit Priority Improvements –Phase I
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 accepted, or accordance with the terms of the Bid, enters into a Contract with performance security for guaranteeing the faithful performance but otherwise shall remain in full force and effect.
IN WITNESS WHEREOF the Principal and	Surety have signed and sealed this bond the
day of	, 20
SIGNED AND SEALED in the presence of:	(Name of Principal)
(Witness)	Per: (Seal)

(Name of Surety)

(Attorney-in-Fact)

Ву:

Per: _____

(Seal)

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2) (See B10)

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. 513-2007 The City of Winnipeg Transit Department - On Street Transit Priority Improvements - Phase I 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 thirty (30) Calendar Days following the Submission Deadline. AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding. SIGNED AND SEALED this ______ day of ______ , 20_____ . (Name of Surety) By: (Attorney-in-Fact) (Seal)

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2) (See B10)

(Date)	
Corpo Materi 185 Ki	ity of Winnipeg rate Finance Department als Management Branch ng Street, Main Floor peg MB R3B 1J1
RE:	BID SECURITY – BID OPPORTUNITY NO. 513-2007
	The City of Winnipeg Transit Department – On Street Transit Priority Improvements –Phase I
Pursua	ant to the request of and for the account of our customer,
(Name o	of Bidder)
	EREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate Canadian dollars.
demar Letter payme demar The ar	Standby Letter of Credit may be drawn on by you at any time and from time to time upon written and for payment made upon us by you. It is understood that we are obligated under this Standby of Credit for the payment of monies only and we hereby agree that we shall honour your demand for ent without inquiring whether you have a right as between yourself and our customer to make such and without recognizing any claim of our customer or objection by the customer to payment by us.
it by yo made.	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.
We er Letter	ngage with you that all demands for payment made within the terms and currency of this Standby of Credit will be duly honoured if presented to us at:
(Addres	s)

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 B10)

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 September 15, 2007

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 (1993 Revision), International Chamber of Commerce Publication Number 500.

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