Template Version: C420070405

FORM A: BID (See B7)

1.	Contract Title	The City of Winnipeg Transit De Improvements –Phase I	epartment – On Street Transit F	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 under the	above name.	
3.	Contact Person	The Bidder hereby authorizes the Bidder for purposes of the B		represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms used in ascribed to them in the General		meanings
5.	Offer	The Bidder hereby offers to p Contract for the Total Bid Price Prices, appended hereto.		

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6.	Bid Security	In accordance with B10.1, 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 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 thirty (30) Calendar Days following the Submission Deadline.

	sion: C420070405		
12.	Signatures	In witness whereof the Bidder or the Bidder's authorized officia officials have signed this	l or
		day of , 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 ab	ove)
	(Witness)	(Print here name and official capacity of individual whose signature appears ab	

SEAL

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	On Street Transit Priority Impro	vements- P	hase 1	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		

ITEM	1	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
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		
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		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	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		
A.19	Connecting to Existing Catch Basin	CW 2130-R10				
i)	250 mm Drainage Connection Pipe		each	2		
A.20	Removal of Existing Catch Pit	CW 2130-R10	each	1		
	ADJUSTMENTS					
A.21	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
A.22	Lifter Rings	CW 3210-R7				
i)	51mm		each	1		

A.26 A.27	Installation of Barrier Posts Installation of Barrier Rails	CW 3650-R4 CW 3650-R4	each m	7		
	MISCELLANEOUS					
	i) width < 600mm		m²	30		
A.25	Sodding	CW 3510-R9				
	LANDSCAPING					
A.24	Type B Relocation of Hydrant with Connection to New Main Using a Tee	CW 2110-R10 SD-007	each	1		
A.23	Adjustment of Valve Boxes	CW 3210-R7	each	1		
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	Pembina Corridor - Bishop Grandin Blvd E	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		
i) 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		
i) 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		
i) Lip Curb		m	7		
B.12	Concrete Curb Installation	CW 3240-R6				
į) 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, Bull- noses, and Safety Medians i) Construction of 230 mm Concrete Pavement	CW 3310-R11	m²	470		
	(Plain-Dowelled, Slip Formed)					
	ii) Construction of 230 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	160		
i	ii) Construction of Monolithic Curb and Sidewalk	SD-228B	m²	115		
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		
i	ii) 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. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.23	Connecting to Existing Sewer	CW 2130-R10				
i)	250mm of PVC connecting pipe					
	a) Connecting to 450mm Land Drainage Sewer		each	1		
	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		
	LANDSCAPING					
B.27	Sodding	CW 3510-R9				
i)	width > or = 600mm		m²	1700		
	Miscellaneous					
B.28	Removal of Existing Box Enclosure	CW 3530-R3	each	1		
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		
ii) 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,				
	a) 3 m to 30 m	SD206A	m	10		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
C.12	Construction of Asphaltic Concrete Overlay	REF. CW 3410-R7		QUANTITY		
	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				
	i) Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	250		
	i) Construction of Monolithic Curb and Sidewalk	SD-228B	m²	105		
C.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R10				
	i) Construction of Curb Ramp (10mm ht, type)	SD-229E	m	6		
i	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	e Ave			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	Pembina Corridor - Osborne St @ Corydor	<u>n Ave</u>				
	EARTH AND BASE WORKS					
D.1	Excavation	CW 3110-R10	m³	435		
D.2	Sub-Grade Compaction	CW 3110-R10	m²	1025		
D.3	Crushed Sub-base Material	CW 3110-R10				
	i) 50 mm - Limestone		tonne	355		
D.4	Supplying and Placing Base Course Material	CW 3110-R10	m³	80		
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	55		
D.7	Drilled Tie Bars	CW 3230-R5				
	i) 20 M Deformed Tie Bar		each	225		
i	i) 25 M Deformed Tie Bar		each	15		
D.8	Miscellaneous Concrete Slab Removal	CW 3235-R6				
	i) Sidewalk		m²	325		
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		
i	i) Monolithic Curb and Sidewalk	SD-228B	m²	25		
D.11	Concrete Curb Removal	CW 3240-R6				
	i) Barrier (Integral)		m	245		

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	35		
D.14	Renewal of Lean Concrete Base	CW 3335 E14	M²	35		
D.15	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
i) Tie-ins and Patches	E12				
	а) Туре IA		tonne	10		
	ROADWORKS - NEW CONSTRUCTION					
D.16	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R11				
i	Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	980		
ii	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	320		
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	40		
iii	Construction of Modified Barrier Curb (Separate)	SD-203B	m	16		
D.18	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	200		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
D.19	Replacing Standard Frames & Covers	CW 2130-R10				
i	AP-004 - Standard Frame for Manhole and Catch Basin		each	2		
ii	AP-005 - Standard Solid Cover for Standard		each	1		
iii	AP-006 - Standard Grated Cover for Standard Frame		each	1		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ADJUSTMENTS					
D.20	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	5		
D.21	Replacing Existing Risers	CW 2130-R10				
i)	Cast-in-place concrete		vert. m	1		
D.22	Replacing Existing Risers	CW 2130-R10				
D.23	Lifter Rings	CW 3210-R7				
i)	51mm		each	2		
D.24	Adjustment of Valve Boxes	CW 3210-R7	each	3		
D.25	Adjustment of Curb Inlet with New Inlet Box	CW 3210-R7, SD-221	each	1		
	LANDSCAPING					
D.26	Sodding	CW 3510-R9				
i)	width < 600mm		m²	5		
D	Pembina Corridor - Osborne St @ Corydor	n Ave			Subtotal:	

DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
St Mary's Corridor - St. Mary's Rd @ Bisho	op Grandin Blvc	4			
EARTH AND BASE WORKS					
Excavation	CW 3110-R10	m³	145		
Sub-Grade Compaction	CW 3110-R10	m²	220		
Crushed Sub-base Material	CW 3110-R10				
i) 50 mm - Limestone		tonne	115		
Supplying and Placing Base Course Material	CW 3110-R10	m³	18		
Grading of Boulevards	CW 3110-R10	m²	30		
ROADWORKS - REMOVALS/RENEWALS					
Drilled Dowels	CW 3230-R5				
i) 19.1 mm Diameter		each	20		
Drilled Tie Bars	CW 3230-R5				
i) 20 M Deformed Tie Bar		each	75		
i) 25 M Deformed Tie Bar		each	5		
Miscellaneous Concrete Slab Removal	CW 3235-R6				
i) Monolithic Curb and Sidewalk		m²	130		
Construction of Asphaltic Concrete Overlay	CW 3410-R7				
i) Main Line Paving					
a) Type IA		tonne	40		
i) Tie-ins and Patches	E12				
a) Type IA		tonne	5		
Planing of Pavement	CW 3450-R5				
i) 50 - 100 mm Depth (Asphalt)		m²	190		
i) 0 - 50 mm Depth (Concrete)		m²	10		
	St Mary's Corridor - St. Mary's Rd @ Bishc EARTH AND BASE WORKS Excavation Sub-Grade Compaction Crushed Sub-base Material 50 mm - Limestone Supplying and Placing Base Course Material Grading of Boulevards Prilled Dowels Drilled Dowels 19.1 mm Diameter Drilled Tie Bars 20 M Deformed Tie Bar Miscellaneous Concrete Slab Removal Monolithic Curb and Sidewalk Construction of Asphaltic Concrete Overlay Main Line Paving a) Type IA Tie-ins and Patches a) Type IA	Image: Construction of Asphaltic Concrete OverlayREF.St Mary's Corridor - St. Mary's Rd @ Bishor Grandin BlvaEARTH AND BASE WORKSExcavationCW 3110-R10Sub-Grade CompactionCW 3110-R10Crushed Sub-base MaterialCW 3110-R10Crushed Sub-base MaterialCW 3110-R10Sopplying and Placing Base Course MaterialCW 3110-R10Grading of BoulevardsCW 3110-R10Grading of BoulevardsCW 3110-R10Drilled DowelsCW 3230-R5Drilled Tie BarsCW 3230-R5Downed Tie BarCW 3230-R5Downed Tie BarCW 3235-R6Miscellaneous Concrete Slab RemovalCW 3235-R6Monolithic Curb and SidewalkConstruction of Asphaltic Concrete OverlayMain Line Paving a) Type IAE12Tie-ins and PatchesE12a) Type IACW 3450-R5Data Construction of PavementCW 3450-R5Downed Tie DateE12Distruction of PavementCW 3450-R5Distruction Depth (Asphalt)CW 3450-R5	Image: Network in the second	REF.QUANTITYSt Mary's Corridor - St. Mary's Rd @ Bish	REF.QUANTITYSt Mary's Corridor - St. Mary's Rd @ Bisber Grandin BivdGamma Correct

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - NEW CONSTRUCTION					
E.12	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R11				
i) Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	M2	210		
ii) Construction of Monolithic Curb and Sidewalk	SD-228B	m²	115		
E.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
i	Construction of Curb Ramp (10mm ht, type)	SD-229E	m	12		
E.14	Supply and Installation of Dowel Assemblies	CW 3310-R11	m	35		
	ADJUSTMENTS					
E.15	Adjustment of Valve Boxes	CW 3210-R7	each	1		
	LANDSCAPING					
E.16	Sodding	CW 3510-R9				
i) width < 600mm		m²	5		
ii) width > or = 600mm		m²	25		
E	St Mary's Corridor - St. Mary's Rd @ Bisho	p Grandin Blvc			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	St. Mary's Corridor - St. Mary's Rd @ Dunk	<u>kirk/Dakota S</u> t				
	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				
i	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				
i	19.1 mm Diameter		each	15		
F.6	Drilled Tie Bars	CW 3230-R5				
i	20 M Deformed Tie Bar		each	30		
ii	25 M Deformed Tie Bar		each	5		
F.7	Miscellaneous Concrete Slab Removal	CW 3235-R6				
i	Monolithic Curb and Sidewalk		m²	45		
F.8	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
i	Tie-ins and Patches	E12				
	а) Туре IA		tonne	1		
	ROADWORKS - NEW CONSTRUCTION					
F.9 i	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	CW 3310-R11 E11	m²	50		
ii	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	20		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
F.10	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
ij	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	kirk/Dakota St				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G	<u>St. Anne's Corridor - St. Anne's Rd @ Bish</u>	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	002007	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		QUANTITI		
i) Main Line Paving					
	a) Type IA		tonne	90		
	ROADWORKS - NEW CONSTRUCTION					
G.13	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R11				
i) Construction of 200 mm Concrete Pavement (Plain-Dowelled)		M2	520		
ii) Construction of Monolithic Concrete Bull- noses	SD-227C	m²	3		
G.14	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
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				
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			

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
н	<u>St. Anne's Corridor - St. Anne's Rd @ Fern</u>	<u>nor Ave</u>				
	EARTH AND BASE WORKS					
H.1	Excavation	CW 3110-R10	m³	25		
H.2	Sub-Grade Compaction	CW 3110-R10	m²	50		
Н.3	Crushed Sub-base Material	CW 3110-R10				
i) 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				
i) 19.1 mm Diameter		each	16		
H.7	Drilled Tie Bars	CW 3230-R5				
i) 20 M Deformed Tie Bar		each	30		
ii) 25 M Deformed Tie Bar		each	5		
H.8	Miscellaneous Concrete Slab Removal	CW 3235-R6				
i) Monolithic Curb and Sidewalk		m²	42		
Н.9	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
i) Sidewalk	SD-228A				
	a) Less than 5 sq.m.		m²	5		
H.10	Concrete Curb Renewal	CW 3240-R6				
i) Barrier (150 mm ht, Dowelled)	SD-205, SD206A				
	a) Less than 3 m		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				
		а) Туре IA		tonne	2		
		ROADWORKS - NEW CONSTRUCTION					
H.12		Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R11				
		Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	50		
		Construction of Monolithic Curb and Sidewalk	SD-228B	m²	22		
H.13		Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
	i)	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
I	<u>St. Anne's Corridor - St. Anne's Rd @ King</u>	<u>aswood Ave</u>				
	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		
i) 25 M Deformed Tie Bar		each	5		
1.7	Miscellaneous Concrete Slab Removal	CW 3235-R6				
i) Sidewalk		m²	85		
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		
I.10	Concrete Curb Removal	CW 3240-R6				
i) Barrier (Integral)		m	40		
l.11	Construction of Asphaltic Concrete Overlay	CW 3410-R7				
i) Tie-ins and Patches	E12				
	a) Type IA		tonne	2		

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	ROADWORKS - NEW CONSTRUCTION					
l.12	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R11				
i)	Construction of 200 mm Concrete Pavement (Plain-Dowelled, Tinted)	E11	m²	60		
ii)	Construction of Monolithic Curb and Sidewalk	SD-228B	m²	55		
l.13	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R11				
i)	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
J	All Corridors - Traffic Signal Installation Restorations					
	ROADWORKS - REMOVALS/RENEWALS					
J.1	Drilled Tie Bars	CW 3230-R5				
ij	20 M Deformed Tie Bar		each	10		
J.2	Miscellaneous Concrete Slab Renewal	CW 3235-R6				
ij	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				
ij	Barrier (150 mm ht, Dowelled)	SD-205, SD206A				
	a) Less than 3 m	00200/1	m	20		
ij	Curb Ramp (10mm ht, Dowelled)	SD-229 E	m	15		
	LANDSCAPING					
J.4	Sodding	CW 3510-R9				
ij	width < 600mm		m²	10		
J	All Corridors - Traffic Signal Installation Re	estorations			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	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	n Ave			Subtotal:	
E	St Mary's Corridor - St. Mary's Rd @ Bisho	p Grandin Blvo	1		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	/d		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 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 dated the

_____ day of _____ , 20_____ , 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.

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

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

day of	, 20	
SIGNED AND SEALED in the presence of:	(Name of Principal)	
(Witness)	Per: Per:	
	(Name of Surety) By:	(Seal)

of

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)

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

RE: BID SECURITY - BID OPPORTUNITY NO. 513-2007

The City of Winnipeg Transit Department - On Street Transit Priority Improvements - Phase I

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 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.

Per:

(Authorized Signing Officer)

Per:

(Authorized Signing Officer)