FORM A: BID (See B7)

1.	Contract Title	BROOKSIDE BOULEV	O WIDENING AND REHABILIT ARD TO KEEWATIN STREET HIGHWAY TO BROOKSIDE E	, PART 2 – 430 M
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 aut the Bidder for purposes	norizes the following contact p of the Bid.	person to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms ascribed to them in the	used in the Contract shall h General Conditions.	ave the meanings
5.	Offer		ers to perform the Work in ac Bid Price, in Canadian funds, s o.	

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 sixty (60) Calendar Days following the Submission Deadline.

12.	Signatures	The Bidder or the Bidder's authorized official or officials have signed this
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		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- BROOKSIE	DE BOULEVA	RD TO	KEEWATIN	STREET	
Α	ROADWORKS					
A.1	Clearing and Grubbing	CW 3010-R4	ha	0.100		
A.2	Preparation of Existing Ground Surface	E29	m²	59,800		
A.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	21,000		
ii)	150 mm - Limestone		tonne	88,500		
A.4	Reuse of Crushed Sub-base Material From Inkster Staging	E30				
i)	50 mm - Limestone		m³	2,700		
A.5	Supplying and Placing Base Course Material	CW 3110-R12, E12	m³	5,400		
A.6	Grading of Boulevards	CW 3110-R12	m²	6,850		
A.7	Ditch Grading	CW 3110-R12	m²	1,200		
A.8	Removal of Existing Concrete Bases	CW 3110-R12				
i)	600 mm Diameter or Less		each	25		
ii)	Greater than 600 mm Diameter		each	2		
A.9	Separation Geotextile Fabric	CW 3130-R2	m²	59,800		
A.10	Supply and Install Geogrid	CW 3135	m²	30,000		
A.11	Common Excavation	E29				
i)	Suitable Site Material		m³	21,600		
ii)	Unsuitable Site Material		m³	47,500		
A.12	Fill Material	E29				
i)	Suitable Site Material		m³	18,800		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORKS - REMOVALS/ RENEWALS					
A.13	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	4,800		
ii)	Asphalt Pavement		m²	25,800		
A.14	Slab Replacement	CW 3230-R6				
i)	250 mm Concrete Pavement (Plain- Dowelled)		m²	20		
ii)	200 mm Concrete Pavement (Reinforced)		m²	120		
A.15	Partial Slab Patches	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m²	20		
ii)	200 mm Concrete Pavement (Type B)		m²	180		
iii)	200 mm Concrete Pavement (Type C)		m²	20		
iv)	200 mm Concrete Pavement (Type D)		m²	20		
A.16	Slab Replacement - Early Opening (24 hour)	CW 3230-R6				
i)	250 mm Concrete Pavement (Plain- Dowelled)		m²	20		
ii)	200 mm Concrete Pavement (Reinforced)		m²	50		
A.17	Partial Slab Patches - Early Opening (24 hour)	CW 3230-R6				
i)	250 mm Concrete Pavement (Type A)		m²	10		
ii)	250 mm Concrete Pavement (Type B)		m²	10		
iii)	250 mm Concrete Pavement (Type C)		m²	10		
iv)	250 mm Concrete Pavement (Type D)		m²	10		
v)	200 mm Concrete Pavement (Type A)		m²	10		
vi)	200 mm Concrete Pavement (Type B)		m²	90		
vii)	200 mm Concrete Pavement (Type C)		m²	10		

Name of	Bidder

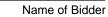
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
viii)	200 mm Concrete Pavement (Type D)		m²	10		
A.18	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R6				
i)	200 mm Concrete Pavement (Type A)		m²	10		
ii)	200 mm Concrete Pavement (Type B)		m²	90		
iii)	200 mm Concrete Pavement (Type C)		m²	10		
iv)	200 mm Concrete Pavement (Type D)		m²	10		
A.19	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	1,300		
ii)	28.6 mm Diameter		each	180		
A.20	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	600		
ii)	25 M Deformed Tie Bar		each	1,000		
A.21	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Median Slab		m²	90		
ii)	Monolithic Median Slab		m²	30		
iii)	Sidewalk		m²	340		
iv)	Bullnose		m²	20		
A.22	Miscellaneous Concrete Slab Renewal	CW 3235-R7				
i)	Median Slab	SD-227A	m²	320		
ii)	Monolithic Median Slab	SD-226A	m²	80		
iii)	Sidewalk	SD-228A				
a)	5 sq.m. to 20 sq.m.		m²	60		
b)	Greater than 20 sq.m.		m²	140		

Name of Bidder

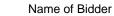
ITEM		DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)		Bullnose	SD-227C	m²	10		
A.23		Concrete Curb Removal	CW 3240-R8				
i)		Barrier- Separate		m	1,100		
ii)		Curb and Gutter		m	720		
iii)		Curb Ramp		m	20		
iv)		Splash Strip- Monolithic		m	60		
A.24		Concrete Curb Renewal	CW 3240-R8				
i)		Barrier (150 mm ht, Dowelled)	SD-205, SD-206A				
	a)	3 m to 30 m		m	70		
	b)	Greater than 30 m		m	160		
ii)		Barrier (180 mm ht, Dowelled)	SD-205, SD-206A				
	a)	Less than 3 m		m	20		
	b)	3 m to 30 m		m	100		
	c)	Greater than 30 m		m	90		
iii)		Modified Barrier (180 mm ht, Dowelled)	SD-203B	m	40		
iv)		Curb Ramp (10-15 mm ht, Integral)	SD-229C,D	m	50		
v)		Splash Strip (150 mm ht, Monolithic Barrier Curb, 750 mm width, Slip Form Paving, Dowelled)	SD-223A	m	220		
A.25		Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)		Main Line Paving					
	a)	Type IA		tonne	1,800		
ii)		Tie-ins and Approaches					
	a)	Type IA		tonne	200		
A.26		Construction of Asphaltic Concrete Base Course (Type III)	CW 3410-R8	tonne	120		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.27	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	4,500		
ii)	50 - 100 mm Depth (Asphalt)		m²	200		
iii)	0 - 50 mm Depth (Concrete)		m²	50		
	ROADWORKS - NEW CONSTRUCTION					
A.28	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R14, E17				
i)	Construction of 250 mm Concrete Pavement (Reinforced, Slip Form Paving)		m²	170		
ii)	Construction of 250 mm Concrete Pavement (Reinforced)		m²	50		
iii)	Construction of 250 mm Concrete Pavement (Plain-Dowelled, Slip Form Paving)		m²	39,100		
iv)	Construction of 250 mm Concrete Pavement (Plain-Dowelled)		m²	6,200		
v)	Construction of 230 mm Concrete Pavement (Plain-Dowelled, Slip Form Paving)		m²	300		
vi)	Construction of 230 mm Concrete Pavement (Plain-Dowelled)		m²	3,480		
vii)	Construction of 200 mm Concrete Pavement (Reinforced)		m²	120		
viii)	Construction of Monolithic Concrete Median Slabs	SD-226A	m²	370		
ix)	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	50		
A.29	Concrete Pavements for Early Opening	CW 3310-R14, E17				
i)	Construction of 250 mm Concrete Pavement for Early Opening 72 hour (Plain-Dowelled)		m²	1,640		
ii)	Construction of 250 mm Concrete Pavement for Early Opening 24 hour (Plain-Dowelled)		m²	410		
iii)	Construction of 230 mm Concrete Pavement for Early Opening 72 hour (Plain-Dowelled)		m²	930		
iv)	Construction of 230 mm Concrete Pavement for Early Opening 24 hour (Plain-Dowelled)		m²	240		
A.30	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14, E31				
i)	Construction of Barrier (150 mm ht, Dowelled)	SD-205	m	50		
ii)	Construction of Barrier (150 mm ht, Separate)	SD-203A	m	100		



ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	Construction of Barrier (180 mm ht, Separate)	SD-203A	m	150		
iv)	Construction of Curb Ramp (10-15 mm ht, Integral)	SD-229C	m	125		
v)	Splash Strip (150 mm ht, Monolithic Barrier Curb, 750 mm width, Slip Form Paving, Dowelled)	SD-223A	m	90		
vi)	Splash Strip (150 mm ht, Monolithic Barrier Curb, 750 mm width, Slip Form Paving, Seperate)		m	140		
vii)	Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width, Dowelled, Slip Form Paving)	SD-223A	m	250		
viii)	Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width, Slip Form Paving, Seperate)		m	9,160		
ix)	Splash Strip for Asphalt Pavement (180 mm ht, Monolithic Barrier Curb, 750 mm width, Slip Form Paving)	E29	m	160		
x)	Splash Strip (180 mm ht, Monolithic Modified Barrier Curb, 750 mm width, Seperate)		m	170		
A.31	Supply and Installation of Dowel Assemblies	CW 3310-R14				
i)	28.6 mm Diameter Dowels		m	1,000		
ii)	31.8 mm Diameter Dowels		m	9,500		
A.32	100mm Concrete Sidewalk	CW 3325-R3	m²	1,100		
A.33	Detectable Warning Surfaces	E37	each	58		
A.34	Interlocking Paving Stones	CW 3330-R5, E18	m²	200		
A.35	Lean Concrete Base	CW 3335-R1	m²	200		
A.36	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Main Line Paving					
а	Type IA		tonne	50		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	100		



UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	JOINT AND CRACK SEALING					
A.37	Reflective Crack Maintenance	CW 3250-R7	m	3,300		
Α	ROADWORKS	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	UNDERGROUND WORKS					
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.1	Land Drainage Sewers	CW2130-R11				
i)	600mm C76-II RCP in a trench Class B Type 3 Bedding Class 2 Backfill					
a	0-4 m deep		m	31		
ii)	600mm C76-III RCP in a trench Class B Type 3 Bedding Class 2 Backfill					
a	0-4 m deep		m	195		
iii)	750mm C76-III RCP in a trench Class B Type 3 Bedding Class 2 Backfill					
a	4-5 m deep		m	33		
iv)	750mm C76-III RCP Trenchless Installation Class B Type 3 Bedding Class 2 Backfill					
a	4-5 m deep		m	50		
v)	900mm C76-II RCP in a trench Class B Type 3 Bedding Class 2 Backfill					
a	0-4 m deep		m	142		
B.2	Manhole	CW 2130-R11				
i)	SD-010					
а	1500mm		vert. m	6.5		
b	2100mm		vert. m	3.5		
B.3	Manhole MH10 (Base supplied on-site)	CW 2130-R11				
i)	SD-011					
а	1200mm dia. X 1800mm long base		vert. m	3.0		
B.4	Catch Basin	CW 2130-R11, E16				
i)	SD-024					
а	1800mm deep		each	19		

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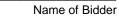
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	SD-025 c/w Ditch Inlet Grate					
a)	1200mm deep		each	24		
B.5	Catch Pit	CW 2130-R11				
i)	SD-023					
a)	460mm deep		each	34		
B.6	Concrete Spillway c/w Curb Inlet Grate	E36	m	20		
B.7	Sewer Service	CW 2130-R11				
i)	150 mm, drain from ARV					
a)	Trenchless Installation, Class B Type 3 Bedding, Class 2 Backfill		m	32		
ii)	250 mm					
a)	In a Trench, Class B Type 3 Bedding , Class 2 Backfill		m	80		
b)	In a Trench, Class B Type 3 Bedding , Class 4 Backfill		m	15		
c)	Trenchless Installation, Class B Type 3 Bedding, Class 2 Backfill		m	45		
iii)	300 mm					
a)	In a Trench, Class B Type 3 Bedding , Class 2 Backfill		m	60		
b)	In a Trench, Class B Type 3 Bedding , Class 4 Backfill		m	40		
c)	Trenchless Installation, Class B Type 3 Bedding, Class 2 Backfill		m	100		
iv)	375 mm					
a)	In a Trench, Class B Type 3 Bedding , Class 2 Backfill		m	25		
b)	Trenchless Installation, Class B Type 3 Bedding, Class 2 Backfill		m	50		
B.8	Drainage Connection Pipe	CW 2130-R11	m	95		
B.9	Replacing Standard Frames & Covers	CW 2130-R11				
i)	AP-004 - Standard Frame for Manhole and Catch Basin		each	16		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	AP-005 - Standard Solid Cover for Standard Frame		each	16		
iii)	AP-008 - Barrier Curb and Gutter Inlet Frame and Box		each	5		
iv)	AP-009 - Barrier Curb and Gutter Inlet Cover		each	5		
B.10	Connecting to Existing Manhole	CW 2130-R11				
i)	150mm Catch Basin Lead		each	1		
ii)	250mm Catch Basin Lead		each	1		
iii)	300mm Catch Basin Lead		each	2		
iv)	900mm Land Drainage Sewer		each	1		
B.11	Connecting to Existing Catch Basin	CW 2130-R11				
i)	250mm Catch Basin Lead		each	9		
ii)	375mm Catch Basin Lead		each	1		
B.12	Connecting to Existing Sewer	CW 2130-R11				
i)	250mm Sewer Service Pipe					
a)	Connecting to 250mm Land Drainage Sewer		each	1		
B.13	Connecting New Sewer Service to Existing Sewer Service (including lowering of existing stubs	CW 2130-R11				
i)	250mm		each	3		
ii)	300mm		each	3		
B.14	Removal of Existing Catch Basins	CW 2130-R11	each	13		
B.15	Relocation of Existing Catch Basins	CW 2130-R11	each	4		
B.16	Plugging Existing Sewers and Sewer Services Smaller Than 300 Millimetres	CW 2130-R11	each	7		
B.17	Abandoning Existing Sewers With Cement- Stabilized Flowable Fill	CW 2130-R11	m³	5.0		
B.18	Adbandoning Exisiting Sewer Services Under Exisiting or Future Pavement	CW 2130-R11	each	4		
B.19	Installation of Subdrains	CW 3120-R3	m	4,400		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.20	Corrugated Steel Pipe - Supply	CW 3610-R3				
i)	250mm, 1.6mm thick		m	7		
ii)	300mm, 1.6mm thick		m	85		
iii)	450mm, 2.0mm thick		m	17		
B.21	Corrugated Steel Pipe - Install	CW 3610-R3, E14				
i)	250mm, 1.6mm thick		m	7		
ii)	300mm, 1.6mm thick		m	85		
iii)	450mm, 2.0mm thick		m	17		
B.22	Concrete Flared End Sections c/w Safety Grate	E13				
i)	600mm C76-II		each	1		
ii)	900 mm C76-II		each	1		
B.23	Supply and Installation of CSP Bar Screens	E35				
i)	300mm CSP		each	1		
B.24	Grouted Stone Riprap	CW 3615-R2	m³	115		
B.25	Removal of Existing Culverts	E15				
i)	300mm		m	16		
ii)	400mm		m	15		
iii)	450mm		m	36		
iv)	600mm		m	287		
v)	750mm		m	24		
vi)	900mm		m	68		



ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.26	Sewer Inspection	CW 2145-R3				
i)	Sewer Service Pipe					
a)	150mm		m	32		
b)	250mm		m	105		
c)	300mm		m	115		
d)	375mm		m	38		
e)	600mm		m	226		
f)	750mm		m	120		
g)	900mm		m	142		
B.27	Concrete Pipe Three-Edge Bearing Test	CW2130-R11				
i)	600mm C76-II		each	1		
ii)	600mm C76-III		each	1		
iv)	750mm C76-III		each	1		
vi)	900mm C76-II		each	1		
	ADJUSTMENTS					
B.28	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	40		
B.29	Replacing Existing Risers	CW 2130-R11				
i)	Pre-cast Concrete Risers		vert. m	3.5		
B.30	Lifter Rings	CW 3210-R7				
i)	51mm		each	2		
ii)	64mm		each	15		
B.31	Patching Exisiting Manholes/Catchbasins	CW2130-R11	vert. m	6.5		
B.32	Replace Exisiting Manhole and Catch basin Rungs	CW2130-R11	each	42		

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ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
B.33	Replacing Exisiting Catch Basin Hoods	CW2130-R11	each	5		
B.34	Adjustment of Valve Boxes	CW 3210-R7	each	46		
B.35	Valve Box Extensions	CW 3210-R7	each	18		
B.36	Adjustment of Curb and Gutter Inlet Frames	CW 3210-R7	each	14		
B.37	Installation of Salvaged Culverts	E14				
i)	900 mm, 2.0 mm thick		m	12		
B.38	Adjustment of Traffic Signal Service Box Frames	CW 3210-R7	each	8		
В	UNDERGROUND WORKS	Subtotal:				

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
С	MULTI-USE PATHS					
	EARTH AND BASE WORKS					
C.1	Preparation of Existing Ground Surface	E29	m²	7,850		
C.2	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	2,850		
ii)	150 mm - Limestone		tonne	1,000		
C.3	Supplying and Placing Base Course Material	CW 3110-R12, E12	m³	430		
C.4	Separation Geotextile Fabric	CW 3130-R2	m²	7,850		
C.5	Supply and Install Geogrid	CW 3135	m²	1,200		
C.6	Common Excavation	E29				
i)	Suitable Site Material		m³	1,300		
ii)	Unsuitable site material		m³	1,300		
C.7	Fill Material	E29				
i)	Suitable Site Material		m³	1,100		
	ROADWORK - NEW CONSTRUCTION					
C.8	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Main Line Paving					
a)	Type IA		tonne	1,200		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	150		
	JOINT AND CRACK SEALING					
C.9	Reflective Crack Maintenance	CW 3250-R7	m	2,000		
С	MULTI-USE PATHS	1			Subtotal:	

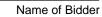
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D	DETOUR STAGING WORKS					
	EARTH AND BASE WORKS					
D.1	Preparation of Existing Ground Surface	E29	m²	6,550		
D.2	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	3,800		
ii)	150 mm - Limestone		tonne	400		
D.3	Supplying and Placing Base Course Material	CW 3110-R12, E12	m³	350		
D.4	Separation Geotextile Fabric	CW 3130-R2	m²	1,150		
D.5	Common Excavation	E29				
i)	Suitable Site Material		m³	130		
ii)	Unsuitable Site Material		m³	115		
D.6	Fill Material	E29				
i)	Placing Suitable Site Material		m³	130		
	ROADWORK - REMOVALS/RENEWALS					
D.7	Pavement Removal	CW 3110-R12				
i)	Asphalt Pavement		m²	10,650		
D.8	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Bullnose		m²	10		
D.9	Concrete Curb Removal	CW 3240-R8				
i)	Barrier- Separate		m	510		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.10	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)	Main Line Paving					
a	Type IA		tonne	100		
ii)	Tie-ins and Approaches					
a	Type IA		tonne	110		
	ROADWORK - NEW CONSTRUCTION					
D.11	Concrete Pavements, Median Slabs, Bull- noses, and Safety Medians	CW 3310-R14				
i)	Construction of Monolithic Concrete Bullnoses	SD-227C	m²	10		
D.12	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14, E31				
i)	Construction of Barrier Curb for Asphalt Pavement (150mm ht, Dowelled, Slip Form Paving)		m	290		
D.13	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Main Line Paving					
a	Type IA		tonne	450		
ii)	Tie-ins and Approaches					
a	Type IA		tonne	550		
D	DETOUR STAGING WORKS				Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E	<u>LANDSCAPING</u>					
E.1	Soil Amendments for Clover and Trefoil Mix Seed and Related Sod Edge Strips	CW 3540-R5, E23	m²	11,660		
E.2	Sodding	CW 3510-R9, E20				
i)	width < or = 600mm (no topsoil)		m²	2,300		
ii)	width < or = 600mm (c/w 50 mm imported topsoil)		m²	6,500		
iii)	width > 600mm (c/w 100mm imported topsoil)		m²	2,200		
E.3	Seeding	CW 3520-R7, E21				
i)	Salt Tolerant Seed Mix (c/w 50mm imported topsoil)		m²	51,500		
ii)	Trefoil and Clover Seed Mix		m²	9,360		
iii)	Trefoil and Vetch Overseeding		m²	2,200		
E.4	Planting Beds with Planting Soil Mixture	E23	m²	2,600		
E.5	Wood Chip Mulch (100mm)	E23	m²	2,600		
E.6	Heavy Duty Plastic Landscape Edger	E23	l.m	1,450		
E.7	Straw Wattle	E23	l.m	500		
E.8	Plant Material	E22				
i)	Baron Manitoba Maple (50 mm cal.)		each	14		
ii)	Kenora Silver Maple (50 mm cal.)		each	9		
iii)	Ohio Buckeye (50 mm cal.)		each	12		
iv)	Fallgold Black Ash (65 mm cal.)		each	28		
v)	Patmore Green Ash (65 mm cal.)		each	18		
vi)	American Basswood (65 mm cal.)		each	7		
vii)	Little Leaf Linen (65 mm cal.)		each	17		
viii)	Dropmore Linden (65 mm cal.)		each	18		



ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ix)	American Elm (65 mm cal.)		each	16		
x)	Discovery Elm (65 mm cal.)		each	26		
xi)	Amur Maple (0.75 m ht.)		each	4		
xii)	Saskatoon (0.75 m ht.)		each	19		
xiii)	Donald Wyman Lilac (0.75 m ht.)		each	81		
xiv)	James MacFarlane Lilac (0.75 m ht.)		each	3		
xv)	Beauty of Moscow Lilac (0.75 m ht.)		each	21		
xvi)	Charles Joly Lilac (0.75 m ht.)		each	3		
xvii)	Edith Cavell Lilac (0.75 m ht.)		each	15		
xviii)	President Lincoln Lilac (0.75 m ht.)		each	3		
xix)	Highbush Cranberry (0.60 m ht.)		each	155		
xx)	False Spirea (0.60 m ht.)		each	297		
xxi)	Meyer Lilac (0.75 m ht.)		each	162		
xxii)	Adelaide Hoodless Rose (0.60 m ht.)		each	48		
xxiii)	Ninebark (0.60 m ht.)		each	11		
xxiv)	Dart's Gold Ninebark (0.60 m ht.)		each	20		
xv)	Alpine Currant (0.60 m ht.)		each	72		
xvi)	Kelsey Dogwood (0.45 m ht.)		each	16		
E.9	Site Furnishings	E19				
i)	Benches - 1.8m long		each	2		
ii)	Trash Receptacles		each	2		
E.10	Chemical Application of Herbicide	E24	per time	1		
E.11	Long-term Maintenance	E25				

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	General Plant Material and Planting Bed Maintenance		annual	2		
E.12	Chain Link Fence	CW 3550-R2				
i)	1.22m Height		m	440		
E	LANDSCAPING				Subtotal:	

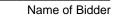
UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	NOISE BARRIER WALL					
F.1	Clearing and Grubbing	CW 3010-R4	ha	0.17		
F.2	Tree Removals	E27	each	130		
F.3	Noise Barrier Wall Posts and Panels complete with Pile Foundations	E38	l.m	2,235		
F.4	Sodding	CW 3510-R9, E20				
i)	width < 600mm		m²	500		
ii)	width > or = 600mm		m²	4,000		
F.5	Additional Landscaping in Rear Yards	E38	L.S.	1		
F	NOISE BARRIER WALL	•			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
PART 2	PROVINCIAL FUNDED WORK- 43 BROOKSIDE E				WAY TO	
G	ROADWORKS					
	EARTH AND BASE WORKS					
G.1	Tree Removals	E27	each	2		
G.2	Preparation of Existing Ground Surface	E29	m²	37,200		
G.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	21,600		
ii)	150 mm - Limestone		tonne	6,300		
G.4	Supplying and Placing Base Course Material	CW 3110-R12, E12	m³	5,500		
G.5	Grading of Boulevards	CW 3110-R12	m²	5,200		
G.6	Ditch Grading	CW 3110-R12	m²	14,800		
G.7	Removal of Existing Concrete Bases	CW 3110-R12				
i)	600mm Diameter or Less		each	14		
G.8	Separation Geotextile Fabric	CW 3130-R2	m²	37,200		
G.9	Common Excavation	E29				
i)	Suitable Site Material		m³	10,810		
ii)	Common Excavation- Unsuitable site material		m³	5,800		
G.10	Fill Material	E29				
i)	Suitable Site Material		m³	9,400		
	ROADWORKS - REMOVALS/ RENEWALS					
G.11	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m²	2,600		
ii)	Asphalt Pavement		m²	13,400		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.12	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Median Slab		m²	210		
ii)	Bullnose		m²	15		
G.13	Concrete Curb Removal	CW 3240-R8				
i)	Curb and Gutter		m	370		
G.14	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)	Main Line Paving					
a)	Type IA		tonne	260		
G.15	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m²	1,500		
	ROADWORKS - NEW CONSTRUCTION					
G.16	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R14, E17				
i)	Construction of 275 mm Concrete Pavement (Reinforced, Slip Form Paving)		m²	300		
ii)	Construction of 275 mm Concrete Pavement (Reinforced)		m²	260		
iii)	Construction of 275 mm Concrete Pavement (Plain-Dowelled Slip Form Paving)		m²	14,200		
iv)	Construction of 275 mm Concrete Pavement (Plain-Dowelled)		m²	3,310		
v)	Construction of Concrete Median Slabs	SD-227A	m²	175		
vi)	Construction of Monolithic Concrete Bull- noses	SD-227C	m²	50		
G.17	Concrete Pavements for Early Opening	CW 3310-R14, E17				
i)	Construction of 275mm Concrete Pavement for Early Opening 72 hour (Plain-Dowelled)		m²	950		
ii)	Construction of 275 mm Concrete Pavement for Early Opening 24 hour (Plain-Dowelled)		m²	240		



UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
G.18	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14, E31		QO/HVIII		
i)	Construction of Mountable Curb 120mm (Integral), Slip Form Paving	SD-201	m	1,360		
ii)	Construction of Mountable Curb 125mm (Separate), Slip Form Paving		m	475		
iii)	Construction of Curb and Gutter (125mm, Mountable, Integral, 600mm width, 200mm Plain Concrete Pavement), Slip Form Paving		m	260		
G.19	Supply and Installation of Dowel Assemblies	CW 3310-R14				
i)	38.1 mm Diameter Dowels		m	4,000		
G.20	Island Cover (Heated Aphalt Millings)	E33	m²	180		
G.21	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Main Line Paving					
а) Type IA		tonne	1,800		
ii)	Tie-ins and Approaches					
а) Type IA		tonne	300		
	JOINT AND CRACK SEALING					
G.22	Reflective Crack Maintenance	CW 3250-R7	m	2,200		
G.23	Remove and Salvage Existing Traffic Sign Posts and Signs	E34	each	36		
G	ROADWORKS				Subtotal:	

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Н	UNDERGROUND WORKS					
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
H.1	Catch Basin	CW 2130-R11				
i)	SD-025 c/w Ditch Inlet Grate					
а) 1200 deep		each	5		
H.2	Corrugated Steel Pipe - Supply	CW 3610-R3				
i)	300mm, 1.6mm thick		m	120		
ii)	450mm, 2.0mm thick		m	20		
iii)	600mm, 2.0mm thick		m	125		
iv)	750mm, 2.0mm thick		m	90		
H.3	Corrugated Steel Pipe - Install	CW 3610-R3, E14				
i)	300mm, 1.6mm thick		m	120		
ii)	450mm, 2.0mm thick		m	20		
iii)	600mm, 2.0mm thick		m	125		
iv)	750mm, 2.0mm thick		m	90		
H.4	Precast Concrete Pipe Culvert - Supply	CW 3610-R3				
i)	900mm C76-II		m	40		
H.5	Precast Concrete Pipe Culvert - Install	CW 3610-R3, E14				
i)	900mm C76-II		m	40		
H.6	Concrete Flared End Sections	E13				
i)	900 mm		each	2		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H.7	Removal of Existing Culverts	E15				
i)	450mm		m	32		
ii)	600mm		m	85		
iii)	750mm		m	84		
iv)	900mm		m	20		
H.8	Culvert Abandonment	E15	m³	15		
H.9	Grouted Stone Riprap	CW 3615-R2	m³	45		
н	UNDERGROUND WORKS				Subtotal:	

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	SERVICE ROADS					
	EARTH AND BASE WORKS					
I.1	Preparation of Existing Ground Surface	E29	m²	3,100		
1.2	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	700		
1.3	Supplying and Placing Base Course Material	CW 3110-R12, E12	m³	510		
1.4	Separation Geotextile Fabric	CW 3130-R2	m²	1,100		
1.5	Common Excavation	E29				
i)	Suitable Site Material		m³	660		
ii)	Unsuitable Site Material		m³	500		
1.6	Fill Material	E29				
i)	Suitable Site Material		m³	550		
1.7	Pavement Removal	CW 3110-R12				
i)	Asphalt Pavement		m²	2,700		
	ROADWORK - NEW CONSTRUCTION					
1.8	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Tie-ins and Approaches					
а	Type IA		tonne	45		
	JOINT AND CRACK SEALING					
1.9	Reflective Crack Maintenance	CW 3250-R7	m	40		

UNIT PRICES

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
		REF.		QUANTITY		
	LANDSCAPING					
I.10	Sodding	CW 3510-R9, E20				
i)	width < or = 600mm (c/w 100 mm imported topsoil)		m²	300		
I.11	Seeding	CW 3520-R7, E21				
i)	Salt Tolerant Seed Mix (c/w 100mm imported topsoil)		m²	4,100		
I.12	Removal and Decommissioning of Existing Parking Fence	E32	m	100		
I.13	Corrugated Steel Pipe - Supply	CW 3610-R3				
i)	450mm, 2.0mm thick		m	18		
ii)	600mm, 2.0mm thick		m	18		
I.14	Corrugated Steel Pipe - Install	CW 3610-R3, E14				
i)	450mm, 2.0mm thick		m	18		
ii)	600mm, 2.0mm thick		m	18		
ı	SERVICE ROADS				Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J	DETOUR STAGING WORKS					
	EARTH AND BASE WORKS					
J.1	Preparation of Existing Ground Surface	E29	m²	910		
J.2	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	1,100		
ii)	150 mm - Limestone		tonne	1,300		
J.3	Supplying and Placing Base Course Material	CW 3110-R12, E12	m³	200		
J.4	Separation Geotextile Fabric	CW 3130-R2	m²	910		
J.5	Common Excavation	E29				
i)	Suitable Site Material		m³	30		
ii)	Unsuitable Site Material		m³	350		
J.6	Fill Material	E29				
i)	Suitable Site Material		m³	30		
	ROADWORK - REMOVALS/RENEWALS					
J.7	Pavement Removal	CW 3110-R12				
i)	Asphalt Pavement		m²	1,950		
J.8	Concrete Curb Removal	CW 3240-R8				
i)	Mountable Curb for Asphalt Pavement		m	550		
J.9	Construction of Asphaltic Concrete Overlay	CW 3410-R8				
i)	Main Line Paving					
a	Type IA		tonne	200		
ii)	Tie-ins and Approaches					
а	Type IA		tonne	125		

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UNIT PRICES

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ROADWORK - NEW CONSTRUCTION					
J.10	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14, E31				
i)	Construction of Mountable Curb for Asphalt Pavement (150mm ht, Dowelled, Slip Form Paving)		m	550		
J.11	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Main Line Paving					
a)	Type IA		tonne	40		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	10		
J.12	Removal & Salvage of Exisitng 1.8 m Chain Link Fence c/w 3 strand barb wire	E39	m	6		
J.13	Installation of Temporary 1.8 m Chain Link Fence Gate	E39	m	6		
J.14	Install Salvaged 1.8 m Chain Link Fence c/w 3 strand barb wire	E39	m	6		
J.15	Installation of Salvaged Culverts	E14				
i)	450mm, 2.0mm thick		m	15		
ii)	600mm, 2.0mm thick		m	40		
J	DETOUR STAGING WORKS	I			Subtotal:	

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
к	<u>LANDSCAPING</u>	TCLT.		QO/MITTI		
K.1	Soil Amendments for Clover and Trefoil Mix Seed and Related Sod Edge Strips	CW 3540-R5, E23	m²	5,400		
K.2	Sodding	CW 3510-R9, E20				
i)	width < or = 600mm (no topsoil)		m²	1,000		
ii)	width < or = 600mm (c/w 100 mm imported topsoil)		m²	800		
iii)	width > 600mm (c/w 100mm imported topsoil)		m²	18,300		
K.3	Seeding	CW 3520-R7, E21				
i)	Salt Tolerant Seed Mix (c/w 100mm imported topsoil)		m²	19,600		
ii)	Trefoil and Clover Seed Mix		m²	4,400		
K.4	Erosion Control Blanket	E23	m²	250		
K.5	Straw Wattle	E23	l.m	275		
K.6	Chemical Application of Herbicide	E24	per time	1		
К	LANDSCAPING				Subtotal:	

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	CII				_	
PART 1	CITY FUNDED WORK- BROOKSIDE BOULE	IMMARY EVARD TO KEE	WATIN S	STREET		
Α	ROADWORKS				Subtotal:	
В	UNDERGROUND WORKS				Subtotal:	
С	MULTI-USE PATHS				Subtotal:	
D	DETOUR STAGING WORKS				Subtotal:	
E	LANDSCAPING				Subtotal:	
F	NOISE BARRIER WALL				Subtotal:	
				(total	price) PART 1	
PART 2	PROVINCIAL FUNDED WORK- 430m WEST BROOKSIDE BOULEVARD (See D2)	OF OAK POINT	T HIGHW	AY TO		
G	ROADWORKS				Subtotal:	
н	UNDERGROUND WORKS				Subtotal:	
I	SERVICE ROADS				Subtotal:	
J	DETOUR STAGING WORKS				Subtotal:	
К	<u>LANDSCAPING</u>				Subtotal:	
(total price) PART 2						
TOTAL BII	D PRICE (GST extra)		(iı	n figures)		
			,	3,		
(in words)						
l						

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 for
BID OPPORTUNITY NO. 232-2010
INKSTER BOULEVARD WIDENING AND REHABILITATION: PART 1 – BROOKSIDE BOULEVARD TO KEEWATIN STREET, PART 2 – 430 M WEST OF OAK POINT HIGHWAY TO BROOKSIDE BOULEVARD
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

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. 232-2010 INKSTER BOULEVARD WIDENING AND REHABILITATION: PART 1 - BROOKSIDE BOULEVARD TO KEEWATIN STREET, PART 2 – 430 M WEST OF OAK POINT HIGHWAY TO BROOKSIDE BOULEVARD in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond shall be in the form specified in the Bid Opportunity. It is a condition that this Agreement to Bond shall become null and void if the Performance Bond mentioned above is not required from our Principal within sixty (60) Calendar Days following the Submission Deadline. AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding. SIGNED AND SEALED this ______ day of ______, 20_____. (Name of Surety) (Seal)

(Attorney-in-Fact)

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 Division 185 King Street, Main Floor Winnipeg MB R3B 1J1
RE: BID SECURITY – BID OPPORTUNITY NO. 232-2010
INKSTER BOULEVARD WIDENING AND REHABILITATION: PART 1 – BROOKSIDE BOULEVARD TO KEEWATIN STREET, PART 2 – 430 M WEST OF OAK POINT HIGHWAY TO BROOKSIDE BOULEVARD
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 July 6, 2010.

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)