

FORM A: BID
(See B8)

1. Contract Title JUBILEE AVENUE OVERPASS REHABILITATION AND ASSOCIATED ROADWORKS

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 following contact person to represent the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions.

5. Offer

The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.

6. Bid Security In accordance with B11.1, the Bidder encloses bid security in the form of:

(Choose one)

- a bid bond (Form G1: Bid Bond and Agreement to Bond)
- an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking)
- a certified cheque or draft

and agrees that it shall be held by the City in accordance with the Contract.

7. Execution of Contract The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.

8. Commencement of the Work The Bidder agrees that no Work shall commence until he 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.

12. Signatures

The Bidder or the Bidder's authorized official or officials have signed this

_____ day of _____, 20_____.

Signature of Bidder or
Bidder's Authorized Official or Officials

(Print here name and official capacity of individual whose signature appears above)

(Print here name and official capacity of individual whose signature appears above)

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
JUBILEE AVENUE OVERPASS REHABILITATION AND ASSOCIATED ROADWORKS						
A	<u>Bridge Works</u>					
A.1	Mobilization and Demobilization	E4	L.S.	1		
A.2	Removal of Existing Median	E17	L.S.	1		
A.3	Removal of Concrete Deck by Hydro-demolition	E17	L.S.	1		
A.4	Removal of Approach Slabs	E17	L.S.	1		
A.5	Removal of Existing Barrier Curb	E17	L.S.	1		
A.6	Removal of Wingwalls	E17	L.S.	1		
A.7	Removal and Salvaging of Existing Barrier Railing	E17	m	116		
A.8	Post-Tensioned Cable Break Detection	E18	L.S.	1		
A.9	Excavation and Backfilling for Deck Extension Construction	E19	L.S.	1		
A.10	Bearing Replacement	E20	each	6		
A.11	Pier Columns Corrosion Protection	E21	L.S.	1		
A.12	Bridge Deck Corrosion Protection	E22	L.S.	1		
A.13	Supply and Place Structural Concrete	E23				
	i) Deck Extension and Wingwalls		L.S.	1		
	ii) Median and Barriers		L.S.	1		
	iii) Deck Replacement		L.S.	1		
	iv) Approach Slabs		L.S.	1		
	v) Sleeper Slab		L.S.	1		
	vi) (250 mm thick) Reinforced Concrete Pavement		m ³	121		
A.14	Overhead Sign Pile Foundation	E13	m ³	3		
A.15	Supply and Place High Performance Concrete (HPC) Overlay	E31	L.S.	1		

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.16	Supplying and Placing GFRP Reinforcing Bars	E24				
i)	Supplying and Placing 16 mm (#5) GFRP Reinforcing Bars		m	7,690		
ii)	Supplying 22 mm (#7) GFRP Reinforcing Bars (Supply)		m	1,536		
iii)	Placing 22 mm (#7) GFRP Reinforcing Bars (Installation)		m	1,536		
A.17	Supplying and Placing Reinforcing Steel Bars	E24				
i)	Galvanized Reinforcing Steel		kg	33,000		
ii)	Stainless Steel Reinforcing Bars		kg	10,940		
A.18	MSE Retaining Wall	E26	m ²	306		
A.19	Supply and Installation of Aluminum Balanced Traffic Barrier Rail	E27	m	137		
A.20	Supply and Installation of Aluminum Traffic Barrier Rail Posts	E28	each	40		
A.21	Expansion Joint Seals	E29				
i)	Compression Seal		m	38		
ii)	Compression Seal With Steel Armour		m	13		
A	<u>Bridge Works</u>				Subtotal:	
B	<u>Road Works</u>					
	EARTH AND BASE WORKS					
B.1	Excavation	CW 3110-R12	m ³	6,400		
B.2	Sub-Grade Compaction	CW 3110-R12	m ²	6,200		
B.3	Crushed Sub-base Material	CW 3110-R12				
i)	50 mm - Limestone		tonne	2,700		
ii)	150 mm - Limestone		tonne	7,700		
B.4	Supplying and Placing Base Course Material	CW 3110-R12, E11	m ³	1,000		
B.5	Grading of Boulevards	CW 3110-R12	m ²	8,000		

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.6	Boulevard Excavation	CW 3110-R12	m ³	850		
B.7	Removal of Existing Concrete Bases	CW 3110-R12				
i)	600 mm Diameter or Less		each	9		
ii)	Greater than 600 mm Diameter		each	4		
B.8	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m ³	600		
B.9	Preparation of Existing Ground Surface	CW 3170-R3	m ²	1,550		
ROADWORK - REMOVALS/RENEWALS						
B.10	Pavement Removal	CW 3110-R12				
i)	Concrete Pavement		m ²	6,000		
ii)	Asphalt Pavement		m ²	85		
B.11	Slab Replacement	CW 3230-R6				
i)	230 mm Concrete Pavement (Plain-Dowelled)		m ²	210		
B.12	Partial Slab Patches	CW 3230-R6				
i)	230 mm Concrete Pavement (Type A)		m ²	5		
ii)	230 mm Concrete Pavement (Type B)		m ²	30		
B.13	Slab Replacement - Early Opening (72 Hour)	CW 3230-R6				
i)	230 mm Concrete Pavement (Plain-Dowelled)		m ²	210		
B.14	Partial Slab Patches - Early Opening (72 hour)	CW 3230-R6				
i)	230 mm Concrete Pavement (Type B)		m ²	30		
ii)	250 mm Concrete Pavement (Type D)		m ²	40		

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.15	Drilled Dowels	CW 3230-R6				
i)	19.1 mm Diameter		each	75		
ii)	28.6 mm Diameter		each	130		
B.16	Drilled Tie Bars	CW 3230-R6				
i)	20 M Deformed Tie Bar		each	500		
B.17	Miscellaneous Concrete Slab Removal	CW 3235-R7				
i)	Median Slab		m ²	750		
ii)	Sidewalk		m ²	250		
iii)	Bullnose		m ²	5		
B.18	Miscellaneous Concrete Slab Installation	CW 3235-R7				
i)	Monolithic Median Slab	SD-226A	m ²	135		
ii)	Bullnose	SD-227C	m ²	5		
B.19	Miscellaneous Concrete Slab Renewal	CW 3235-R7				
i)	Sidewalk	SD-228A				
a)	Less than 5 sq.m.		m ²	5		
b)	5 sq.m. to 20 sq.m.		m ²	45		
c)	Greater than 20 sq.m.		m ²	140		
B.20	Concrete Curb Removal	CW 3240-R8				
i)	Barrier Separate		m	10		
B.21	Concrete Curb Installation	CW 3240-R8				
i)	Splash Strip (150 mm ht. Monolithic Barrier Curb, 750 mm width) Slip Form Paving	SD-223A	m	210		

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.22	Concrete Curb Renewal	CW 3240-R8				
i)	Barrier (150 mm ht Dowelled) Slip Form Paving	SD-205, SD-206A				
a)	Less than 3 m		m	10		
b)	3 m to 30 m		m	30		
c)	Greater than 30 m		m	130		
ii)	Curb ramp (10 - 15 mm ht. Monolithic)	SD-229C,D	m	20		
B.23	Planing of Pavement	CW 3450-R5				
i)	0 - 50 mm Depth (Asphalt)		m ²	700		
ii)	50 - 100 mm Depth (Asphalt)		m ²	3,000		
B.24	Regrading Existing Interlocking Paving Stones	CW 3330-R5	m ²	15		
	ROADWORK - NEW CONSTRUCTION					
B.25	Concrete Pavements, Median Slabs, Bull-noses, and Safety Medians	CW 3310-R14				
i)	Construction of 230 mm Concrete Pavement (Plain-Dowelled) "Slip Form Paving"		m ²	3,750		
ii)	Construction of 230 mm Concrete Pavement (Plain-Dowelled) "Hand Placement"		m ²	1,000		
iii)	Construction of Concrete Median Slabs	SD-227A	m ²	115		
iv)	Construction of Monolithic Concrete Median Slabs	SD-226A	m ²	60		
v)	Construction of Concrete Safety Medians	SD-226B	m ²	280		
vi)	Construction of Monolithic Concrete Bull-noses	SD-227C	m ²	5		
B.26	Concrete Pavements for Early Opening	CW 3310-R14				
i)	Construction of 230 mm Concrete Pavement for Early Opening, 72 hour (Plain-Dowelled) "Hand Placement"		m ²	350		
B.27	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R14				

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	Construction of Barrier (180 mm ht, Separate) "Slip Form Paving"	SD-203A	m	105		
ii)	Construction of Modified Barrier (180 mm ht, Integral)	SD-203B	m	10		
iii)	Construction of Curb Ramp (10-15 mm ht, Integral)	SD-229C	m	20		
iv)	Construction of Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width) "Hand Placement"	SD-223A	m	60		
v)	Construction of Splash Strip (180 mm ht, Monolithic Barrier Curb, 750 mm width) "Slip Form Paving"	SD-223A	m	1,000		
vi)	Construction of Splash Strip (180 mm ht, Monolithic Modified Barrier Curb, 750 mm width) "Hand Placement"	SD-223A	m	10		
B.28	Supply and Installation of Dowel Assemblies	CW 3310-R14	m	1,760		
B.29	100 mm Concrete Sidewalk	CW 3325-R3	m ²	360		
B.30	Construction of Asphaltic Concrete Pavements	CW 3410-R8				
i)	Main line Paving					
a)	Type IA		tonne	760		
ii)	Tie-ins and Approaches					
a)	Type IA		tonne	100		
B.31	Construction of Asphalt Patches	CW 3410-R8	m ²	30		
JOINT AND CRACK SEALING						
B.32	Reflective Crack Maintenance	CW 3250-R7	m	700		
ASSOCIATED DRAINAGE AND UNDERGROUND WORKS						
B.33	Manholes	CW 2130-R11				
i)	SD-010					
a)	1500 mm Base		vert.m.	2.6		
B.34	Catch Basin	CW 2130-R11				

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.35	i) SD-024, 1800 mm deep Catch Pit	CW 2130-R11	each	8		
B.36	i) SD-023 Sewer Service	CW 2130-R11	each	3		
B.37	i) 250 mm, PVC LDS a) Trenchless Installation, Class B Type 3 Bedding, Class 3 Backfill ii) 300 mm PVC LDS a) Trenchless, Class B Type 3 Bedding, Class 3 Backfill	CW 2130-R11	m	160		
B.38	Drainage Connection Pipe	CW 2130-R11	m	10		
B.39	Sewer Service Risers i) 250 mm a) SD-015 ii) 300 mm a) SD-015	CW 2130-R11	vert m	22		
B.40	Replacing Standard Frames & Covers i) AP-004 - Standard Frame for Manhole and Catch Basin ii) AP-005 - Standard Solid Cover for Standard Frame	CW 2130-R11	each	2		
B.41	Connecting to Existing Manhole i) 250 mm Catch Basin Lead	CW 2130-R11	each	2		
B.42	Connecting to Existing Catch Basin i) 250 mm Drainage Connection Pipe	CW 2130-R11	each	3		
B.42	Connecting to Existing Sewer	CW 2130-R11				

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	250 mm PVC LDS					
a)	Connecting to 750 mm Clay CS		each	1		
b)	Connecting to 1800 mm x 2300 mm CS		each	6		
ii)	300 mm PVC LDS					
a)	Connecting to 1800 mm X 2300 mm CS		each	1		
B.43	Removal of Existing Catch Basins	CW 2130-R11	each	9		
B.44	Removal of Existing Catch Pit	CW 2130-R11	each	8		
B.45	Abandoning Existing Drainage Inlets	CW 2130-R11	each	2		
B.46	Installation of Subdrains	CW 3120-R3	m	70		
	ADJUSTMENTS					
B.47	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	4		
B.48	Replacing Existing Risers	CW 2130-R11				
i)	Pre-cast Concrete Risers		vert. m	1		
B.49	Adjustment of Valve Boxes	CW 3210-R7	each	2		
B.50	Adjustment of Curb Stop Boxes	CW 3210-R7	each	2		
B.51	Adjustment of Traffic Signal Service Box Frames	CW 3210-R7	each	6		
B.52	Lifter Rings	CW 3210-R7				
i)	51mm		each	2		
	LANDSCAPING					
B.53	Sodding	CW 3510-R9				
i)	width < 600 mm		m ²	50		
ii)	width > or = 600 mm		m ²	7,900		
	MISCELLANEOUS					

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.54	Polyethylene Waterline, 100 mm	CW 3530-R3	m	50		
B.55	Removal of Irrigation Pipe and Sprinkler Heads	CW 3530-R3	m	600		
B.56	Installation of Barrier Posts	CW 3650-R5 / E12	each	62		
B.57	Installation of Barrier Rail	CW 3650-R5 / E12	m	373		
B.58	Salvaging Existing Barrier Rail	CW 3650-R5 / E12	m	603		
B.59	Salvaging Existing Barrier Posts	CW 3650-R5 / E12	each	92		
B.60	Removal and Salvage of Existing GREAT Unit	E32	each	1		
B.61	Removal, Salvage and Relocation of Overhead Sign Structures	E13				
	i) Removal and Salvage of Pole Mount Sign Structure (S-540)		each	1		
	ii) Relocation of Cantilever Sign Structure (S-678)		each	1		
B.62	Relocation of Precast Frangible Planters	E14				
	i) Relocation of 1240 mm x 1240 mm x 900 mm Planter		each	1		
	ii) Relocation of 1240 mm x 1240 mm x 1350 mm Planter		each	1		
	iii) Relocation of 1800 mm x 1800 mm x 900 mm Planter		each	1		
B.63	Construction of Planter Foundations	E14	m	18		
B.64	Constructon of 230 mm Concrete Pavement (Plain Dowelled, Tinted)	E25	m ²	70		
B.65	Exposing Existing Underground Utilities	E15	Lump Sum	1		
B.66	Placement of Pre-cast Concrete Barriers	E16	each	12		
B.67	Detectable Warning Surface Tiles	E30	each	12		
B	<u>Road Works</u>				Subtotal:	

 Name of Bidder

FORM B (R1): PRICES
 (SEE B9)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>Bridge Works</u>				Subtotal:	
B	<u>Road Works</u>				Subtotal:	
TOTAL BID PRICE (GST extra) (in figures) _____						
(in words) _____						

 Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B11)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

_____ (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 133-2010

JUBILEE AVENUE OVERPASS REHABILITATION AND ASSOCIATED ROADWORKS

as more fully set out in the Bid Opportunity.

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

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

_____ day of _____, 20_____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)
(See B11)

AGREEMENT TO BOND

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with **THE CITY OF WINNIPEG** to become bound as Surety for the Principal,

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 133-2010

JUBILEE AVENUE OVERPASS REHABILITATION AND ASSOCIATED ROADWORKS

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: _____ (Seal)
(Attorney-in-Fact)

**FORM G2 (R1): IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 1 of 2)
(See B11)**

(Date)

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

RE: BID SECURITY - BID OPPORTUNITY NO. 133-2010

JUBILEE AVENUE OVERPASS REHABILITATION AND ASSOCIATED ROADWORKS

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 (R1): IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 2 of 2)
(See B11)**

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on May 15, 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)