

FORM A: BID
(See B9)

1. Contract Title CONSTRUCTION OF 1.2 KM OF 1800-2400 MM DIAMETER TRUNK
SEWER COCKBURN AND CALROSSIE COMBINED SEWER RELIEF
WORKS (CONTRACT 5)

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

GST Registration Number (if applicable)

(Choose one)

The Bidder is:

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 and D4.

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 B13.1, 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/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.

9. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

10. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	_____	Dated	_____
	_____		_____
	_____		_____

11. Time This offer shall be open for acceptance, binding and irrevocable for a period of one hundred twenty (120) Calendar Days following the Submission Deadline.

12. Indigenous Self-Declaration The Bidder hereby declares the business is at least 51% owned by one or more Indigenous persons of Canada.

YES

13. Signatures

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

_____ day of _____, 20_____ .

Signature of Bidder or
Bidder's Authorized Official or Officials

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

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

FORM B: PRICES
 (See B10)

CONSTRUCTION OF 1.2 KM OF 1800-2400 MM DIAMETER TRUNK SEWER COCKBURN AND
 CALROSSIE COMBINED SEWER RELIEF WORKS (CONTRACT 5)

UNIT PRICES

ITEM No.	DESCRIPTION	SPEC REF..	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	<i>Part A –Tunnelling and Tunnel Preparation Works</i>					
A.1	Site Development and Restoration	E6	L.S.	1		
A.2	Tunnelling					
a)	3.35m OD Tunnel Installation	E19	m	1,260		
A.3	Tunneling Shafts	E19				
a)	Launch Shaft (Grant Athletic Grounds)		Each	1		
b)	Receiving Shaft (Wentworth and Taylor)		Each	1		
A.4	Intermediate Manholes (MH 40,41 & 43)	E25	each	3		
A.5	Underground Concrete Works					
a)	Harrow Crossing	E24				
i)	Modification of 1950mm Combined Sewer		L.S.	1		
b)	Cast-in-Place Construction	E25				
i)	Wilton Chamber		L.S.	1		
c)	Precast Construction	E27				
i)	Wentworth Chamber		L.S.	1		
A.6	Maintaining Water Level in the 2700 mm Trunk and SRB	E13	Lump Sum	1		
A.7	Replacement of Existing Watermain	CW2110				
a)	250 mm diameter Watermain		m	30		
b)	New Watermain Valve on Existing Watermain					
i)	250 mm		each	1		
c)	Connecting to Existing Watermain					
i)	Inline Connection		each	2		
A.8	Remove and Abandon Existing Sewer	CW2130				
a)	Abandoning Existing Sewers With Cement-Stabilized Flowable Fill					
i)	375 mm CS		m3	8		
b)	Abandon Existing Manhole		each	1		
c)	Removal and Backfill of Existing 375 mm Sewer		m	30		

FORM B: PRICES
 (See B10)

**CONSTRUCTION OF 1.2 KM OF 1800-2400 MM DIAMETER TRUNK SEWER COCKBURN AND
 CALROSSIE COMBINED SEWER RELIEF WORKS (CONTRACT 5)**

UNIT PRICES

ITEM No.	DESCRIPTION	SPEC REF..	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.9	Wastewater Sewer	CW2130				
a)	375 mm diameter					
i)	Trenchless installation, Class B sand bedding, Class 3 backfill		m	60		
A.10	Manhole	CW2130				
a)	SD-010					
i)	1200mm		vt.m	7.5		
A.11	Connecting New Sewer to Existing Manhole	CW2130	each	1		
A.12	Catch Basin Lead - Temporary Connections	CW2130				
a)	250 mm diameter					
i)	Trenchless installation, Class B sand bedding bedding, Class 3 backfill		m	12		
A.13	Connecting to Existing Catchbasin, Catch Pit	CW2130				
a)	250 mm		each	3		
A.14	Reconnection of Sewer Services to Existing Combined Sewer	LD8424				
a)	Sewer Service Installation	CW2130				
i)	150mm Sewer Services		m	50		
b)	Connect to existing Sewer	CW2130	each	2		
A.15	Abandon Existing Catch Basin Lead Under Pavement	CW2130	each	2		
A.16	Plugging Existing Sewers and Sewer Services Smaller Than 300 Millimetres	CW2130	each	6		
A.17	Sewer Inspection	CW2145				
a)	Existing Sewer - 375 mm		m	160		
b)	New Sewer - 375 mm		m	60		
c)	Pre-Tunnel 300 mm - Grant Park Pavillion Entrance		m	75		
d)	Post-Tunnel 300 mm - Grant Park Pavillion Entrance		m	75		

FORM B: PRICES
 (See B10)

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 CALROSSIE COMBINED SEWER RELIEF WORKS (CONTRACT 5)**

UNIT PRICES

ITEM No.	DESCRIPTION	SPEC REF..	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
e)	Pre-Tunnel 300 mm - Stafford St		m	85		
f)	Post-Tunnel 300 mm - Stafford St		m	85		
g)	Pre-Tunnel 200 mm – Sta. 1+544.48		m	65		
h)	Post-Tunnel 200 mm - Sta. 1+544.48		m	65		
A.18	Instrumentation and Monitoring	E14				
a)	Surface/Subsurface Monitoring Point		each	35		
b)	Building Monitoring Point		each	8		
c)	Utility Monitoring Point		each	17		
d)	Standpipe Piezometer		each	4		
A.19	Tree Removal	E11	each	20		
A.20	Allowance for Relocation of Telecommunication Line	E36	Allow	1	\$80,000	\$80,000
A.21	Allowance for Vibration Monitors	E15	Allow	1	\$50,000	\$50,000
A	<i>Part A – Tunnelling and Tunnel Preparation Works</i>			SUBTOTAL		

B	<i>Part B – Relief Sewer Pipe, Manholes and Ancillaries</i>					
B.1	Sewers Installation					
a)	Trenchless Sewer Construction	E22				
i)	1350 mm - Stub Out		m	110		
b)	Carrier Pipe Installation	E20				
i)	2400 mm CCFRPM Pipe		m	350		
ii)	2100 mm CCFRPM Pipe		m	747		
iii)	1800 mm CCFRPM Pipe		m	176		
c)	Land Drainage Sewer	CW2130				
i)	1350 mm C76 Class IV		m	12		
ii)	900 mm C76 Class IV		m	25		
iii)	450 mm SDR 35 PVC		m	22		
d)	CCFRPM Reducers	E20				
i)	2100 mm to 1800 mm CCFRPM reducer		each	1		
ii)	2400 mm to 2100 mm CCFRPM reducer		each	1		
B.2	Precast Concrete Manholes	E29				

FORM B: PRICES
 (See B10)

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 CALROSSIE COMBINED SEWER RELIEF WORKS (CONTRACT 5)**

UNIT PRICES

ITEM No.	DESCRIPTION	SPEC REF..	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	SD-010					
i)	2400mm diameter (MH 50 & 51)		m	13		
ii)	1200mm diameter		m	4		
B.3	Sewer Inspection - New Sewers	CW2145				
a)	2400mm		m	350		
b)	2100mm		m	747		
c)	1800mm		m	176		
e)	1350mm		m	120		
g)	900mm		m	25		
h)	450mm		m	22		
B.4	Sewer Inspection - New Catch Basin Leads	CW2145				
a)	250mm		m	440		
B.5	Abandoning Existing Catch Basin Lead Under Pavement	CW2130	each	42		
B.6	Install New Catch Basin	CW2130	each	2		
B.7	Install Catch Basin Lead	CW2130				
a)	250mm diameter PVC SDR35					
i)	Trenchless installation, Class B Sand Bedding, Class 3 Backfill		m	460		
B.8	Connecting to Existing Catch Basin, Catch Pit, Manhole	CW2130				
a)	250mm		each	35		
B.9	Connection of Catch Basin Lead to CCFRPM Pipe	E30				
a)	250 mm Service		each	35		
b)	375 mm Service		each	1		
B.10	Connecting to Existing Catch Basin, Catch Pit Lead	CW2130				
a)	250mm		each	9		
B.11	Replace Standard Frames and Covers	CW2130				

FORM B: PRICES
 (See B10)

**CONSTRUCTION OF 1.2 KM OF 1800-2400 MM DIAMETER TRUNK SEWER COCKBURN AND
 CALROSSIE COMBINED SEWER RELIEF WORKS (CONTRACT 5)**

UNIT PRICES

ITEM No.	DESCRIPTION	SPEC REF..	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
a)	AP-005 - Standard Solid Cover for Standard Frame	E31E30	each	3		
b)	AP-006 - Standard Grated Cover for Standard Frame		each	1		
B.12	Temporary Plug					
a)	2100mm Diameter (Wentworth)		each	1		
b)	1800mm Diameter (Launch)		each	1		
c)	1350mm Diameter (Harrow, Stafford, Nathaniel)		each	5		
d)	900mm Diameter (Pembina)		each	2		
B	<u>Part B – Relief Sewer Pipe, Manholes and Ancillaries</u>			SUBTOTAL		

C	<u>Provisional Items</u>					
C.1	Change Conditions	E38				
a)	Change in Contract Conditions		Allow	1	\$250,000	250,000
C.2	Utility Exploration	E9	Each	10		
C.3	Foundation, Bedding and Backfill	CW 2030				
a)	Granular Backfill Material		m ³	100		
b)	Cement Stabilized Backfill Material / CLSM		m ³	150		
C.4	Supply and Placing Base Course Material	CW 3110				
a)	Limestone		m ³	25		
C.5	Remove and Replace Existing Catch Basin / Catch Pit	CW 2130				
a)	SD-023		each	5		
b)	SD-024		each	5		
C.6	Replacing Existing Manhole or Catch Basin Rungs	CW 2130	each	30		
C.7	Replacing Existing Catch Basin Hoods	CW 2130	each	40		
C.8	Patching Existing Manhole or Catch Basin	CW 2130	each	40		

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 (See B10)

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UNIT PRICES

ITEM No.	DESCRIPTION	SPEC REF..	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.9	Replace Standard Frames and Covers	CW 2130				
a)	Standard Grated Cover for Standard Frame		each	2		
C.10	Regrading of Existing Sewer Service	CW 2130				
a)	100 or 150 mm diameter					
i)	Up to 1.5 m long		each	12		
ii)	longer than 1.5 m		m	300		
C.11	Sewer Repair	CW2130				
a)	250 mm diameter					
i)	Up to 3.0 Metres Long		each	2		
ii)	longer than 3.0 m		m	5		
b)	300 mm diameter					
i)	Up to 3.0 Metres Long		each	2		
ii)	longer than 3.0 m		m	5		
C.12	Repair of Existing Water Service	CW 2110				
a)	Up to 25 mm		each	5		
b)	> 25 mm to 50 mm		each	5		
C.13	Temporary Surface Restorations	E32				
a)	Concrete and Asphalt Pavement		m ²	20		
b)	Sidewalk		m ²	10		
c)	Curb		m	15		
C.14	Partial Slab Patches	CW 3230				
a)	150mm Reinforced Concrete Pavement		m ²	20		
b)	200mm Reinforced Concrete Pavement		m ²	50		
C.15	Concrete Curb Installation	CW 3240				
a)	Barrier Curb (SD-204)		m	20		
b)	Ramp Curb (SD-229B)		m	10		
c)	Curb and Gutter (SD-200)		m	20		
C.16	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	100mm Sidewalk (SD-228A)		m ²	15		

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 (See B10)

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UNIT PRICES

ITEM No.	DESCRIPTION	SPEC REF..	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C.17	Construction of Asphalt Patches	CW 3410	m ²	20		
C.18	Sodding	CW 3510	m ²	50		
C.19	Catch Basin Cleaning	CW2140	each	5		
C.20	Tree Planting	E35	each	25		
C.21	Gas Line Encasement	LD8431	each	1		
C.22 a)	Concrete Pipe - Three Edge Bearing Test 1350mm C76 – CL V	CW2130	each	1		
C	<u>Provisional Items</u>			SUBTOTAL		

D	TOTAL BID PRICE (Items A+B+C) (GST extra) (in figures) \$ _____ _____
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UNIT PRICES FOR BID EVALUATION (Refer to B17) The following pricing forms part of the Total Evaluated Price, but are not included in the TOTAL BID PRICE noted in D above						
E	<u>Site Occupancy</u>					
E.1	Initial Span	D23	Charged Day		\$2,500	
E	<u>Site Occupancy</u>				SUBTOTAL	
F	<u>Equipment Costs</u>					
F.1	Change Conditions	E36				
a)	Daily Equipment Rate		day	20		
F	<u>Equipment Costs</u>				SUBTOTAL	
G	EVALUATED TOTAL BID PRICE (Items D + E + F) (GST extra) (in figures) \$ _____ _____					

 Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B13)

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. 866-2017 B

CONSTRUCTION OF 1.2 KM OF 1800-2400 MM DIAMETER TRUNK SEWER COCKBURN AND CALROSSIE COMBINED SEWER RELIEF WORKS (CONTRACT 5)

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 B13)

AGREEMENT TO BOND

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

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

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

BID OPPORTUNITY NO. 866-2017 B

CONSTRUCTION OF 1.2 KM OF 1800-2400 MM DIAMETER TRUNK SEWER COCKBURN AND CALROSSIE COMBINED SEWER RELIEF WORKS (CONTRACT 5)

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 one twenty (numerals) 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: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 2 of 2)
(See B13)**

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

This Standby Letter of Credit will expire on June 16, 2018.

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

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

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

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

(Name of bank or financial institution)

Per: _____
(Authorized Signing Officer)

Per: _____
(Authorized Signing Officer)