Contract Title

Template Version: C420130321 - RW

Template Version: C420130321 - RW

1.

FORM A: BID (See B8)

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

		LAND DRAINAGE WO	RKS	
2.	Bidder	Name of Bidder		
		Usual Business Name of Bido	er as it appears on Invoice (if different fro	m above)
		Street		
		City	Province	Postal Code
	(Mailing address if different)	Email Address of Bidder		
		Facsimile Number		
		Street or P.O. Box		
	(Choose one)	City	Province	Postal Code
		The Bidder is: a sole proprietor a partnership a corporation carrying on business un	der the above name.	
3.	Contact Person	The Bidder hereby auth the Bidder for purposes	norizes the following contact person of the Bid.	son to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions	All capitalized terms u	sed in the Contract shall have	e the meanings

ascribed to them in the General Conditions and D3.

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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/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 Sixty (60) Calendar Days following the Submission Deadline.

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he 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 w	hose signature appears above)
(Print here name and official capacity of individual w	hose signature appears above)

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

JNIT PRIC	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Α	CN REDDITT SUBDIVISION - RAIL SHOOFLY	- GRADE PREPA	ARATION			
	EARTH AND BASE WORKS					
A.1	Clearing and Grubbing	CW 3010-R4 & E15.	ha	0.5		
A.2	Sub-Grade Compaction	CW 3110-R17 & E15.	m²	13,500		
A.3	Crushed Sub-Base Material	CW 3110-R17				
i)	100 mm - Limestone		tonne	12,400		
A.4	Ditch Grading	CW 3110-R17	m²	160		
A.5	Ditch Excavation	CW 3110-R17 & E15.	m³	40		
A.6	Separation Geotextile Fabric	CW 3130-R4 & E15.	m²	16,900		
A.7	Supply and Install Geogrid	CW 3135-R1 & E34.	m²	2,340		
A.8	Topsoil Excavation	CW 3170-R3 & E15.	m³	6,500		
A.9	Common Excavation - Suitable Site Material	CW 3170-R3 & E15.	m³	100		
A.10	Common Excavation - Unsuitable Site Material	CW 3170-R3 & E15.	m³	5,000		
A.11	Supply and Placing Sub-Ballast Material	E16.	m³	4,900		
	ROADWORK - REMOVALS/RENEWALS					
A.12	Pavement Removal	CW 3110-R17				
i)	Concrete Pavement		m²	250		
ii)	Asphalt Pavement		m²	600		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
A.13	Catch Basin Cleaning	CW 2140-R3	each	1		
A.14	Installation of Subdrains	CW 3120-R4 & E17.	m	310		

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
A.15	Corrugated Steel Pipe - Supply	CW 3610-R3 & E18.				
i)	(450 mm, 2.0 mm gauge)	210.	m	25		
ii)	(600 mm, 2.0 mm gauge)		m	120		
iii)	(650 mm, 2.0 mm gauge)		m	15		
iv)	(900 mm, 2.0 mm gauge)		m	165		
A.16	Corrugated Steel Pipe - Install	CW 3610-R3 & E18.				
i)	(450 mm, 2.0 mm gauge)		m	25		
ii)	(600 mm, 2.0 mm gauge)		m	120		
iii)	(650 mm, 2.0 mm gauge)		m	15		
iv)	(900 mm, 2.0 mm gauge)		m	165		
A.17	Connections to Existing Culverts	CW 3610-R3 & E18.	each	1		
	ADJUSTMENTS					
A.18	Adjustment of Catch Basins / Manholes Frames	CW 3210-R7	each	1		
	MISCELLANEOUS					
A.19	Chain Link Fence	CW 3550-R2 & E19.				
i)	1.83 m Height		m	210		
A.20	Random Stone Riprap	CW 3615-R2	m³	20.5		
A.21	Removal of Existing Concrete Foundation	E10.	m³	100		
A.22	Relocation of Culvert	E18.	m	18		
A.23	Remove and Salvage Chain Link Fence	E19.	m	230		
	PROVISIONAL ITEMS					
A.24	Tree Removal	CW 3010-R4 E32.	each	2		
Α	CN REDDITT SUBDIVISION - RAIL SHOOFLY	- GRADE PREPA	ARATION		Sub-Total	

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

UNIT PRICE	ΞS
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TEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
В	PLESSIS ROAD - MISCELLANEOUS WASTER	NATER SEWER,	WATERMAIN	I AND LAND D	RAINAGE WOR	KS
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.1	Gravity Sewers	CW 2130-R12				
i)	250 mm SDR 35 PVC					
a)	In a Trench, Class B Sand Bedding, Class 4 Backfill		m	55		
ii)	375 m C76-IV or SDR 35 PVC					
a)	In a Trench, Class B Sand Bedding, Class 2 Backfill		m	5		
b)	Trenchless Installation, Class B Sand Bedding, Class 2 Backfill		m	10		
iii)	450 mm C76-IV or SDR 35 PVC					
a)	In a Trench, Class B Sand Bedding, Class 4 Backfill		m	114		
iv)	450 mm C76-V or SDR 35 PVC					
a)	In a Trench, Class B Sand Bedding, Class 4 Backfill		m	117		
v)	450 mm C76-V					
a)	In a Trench, Class B Sand Bedding, Class 2 Backfill		m	20		
b)	In a Trench, Class B Sand Bedding, Class 4 Backfill		m	39		
c)	Trenchless Installation, Class B Bedding, Class 2 Backfill		m	28		
vi)	525 mm C76-III					
a)	In a Trench With Class B Sand Bedding, Class 2 Backfill		m	141		
b)	In a Trench With Class B Sand Bedding, Class 4 Backfill		m	30		
vii)	525 mm C76-V					
a)	In a Trench With Class B Sand Bedding, Class 2 Backfill		m	55		
b)	In a Trench With Class B Sand Bedding, Class 4 Backfill		m	15		
c)	Trenchless Installation With Class B Sand Bedding, Class 2 Backfill		m	67		
viii)	525 mm C76 Flared End Section c/w Safety Grate		each	1		

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
B.1 (Cont'd.)	Gravity Sewers	CW 2130-R12			ļ	
ix)	900 mm C76-III					
a)	In a Trench With Class B Sand Bedding, Class 2 Backfill		m	66		
b)	In a Trench With Class B Sand Bedding, Class 4 Backfill		m	5		
x)	1050 mm C76-III					
a)	In a Trench With Class B Sand Bedding, Class 2 Backfill		m	63		
b)	In a Trench With Class B Sand Bedding, Class 4 Backfill		m	37		
B.2	Sewer Inspection	CW 2145-R3 & E29.				
i)	Land Drainage Sewers					
a)	525 mm		m	308		
b)	900 mm		m	71		
c)	1050 mm		m	100		
ii)	Wastewater Sewers					
a)	375 mm		m	115		
b)	450 mm		m	320		
B.3	Concrete Pipe 3 Edge Bearing Test	CW 2130-R12				
i)	450 mm C76-IV		each	1		
ii)	450 mm C76-V		each	1		
iii)	525 mm C76-III		each	1		
iv)	525 mm C76-V		each	1		
v)	900 mm C76-III		each	1		
vi)	1050 mm C76-III		each	1		

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
B.4	Construction of Weir Manhole	CW 2130-R12 & E28.				
i)	Precast Manhole c/w Weir		LS	1		
ii)	Sluice Gate		LS	1		
iii)	Knife Gate		LS	1		
B.5	Manholes	CW 2130-R12				
i)	SD-010					
a)	1200 mm		v.m	19.0		
b)	1800 mm		v.m	8.0		
B.6	Install New Manhole on Existing 250 mm WWS	CW 2130-R12				
i)	SD-010					
a)	1200 mm		v.m	4.5		
B.7	Install New Manhole on Existing 600 mm LDS	CW 2130-R12				
i)	SD-010					
a)	1800 mm		v.m	4.0		
B.8	Install New Manhole on Existing 750 mm WWS	CW 2130-R12				
i)	SD-010					
a)	1800 mm		v.m	5.8		
B.9	Install New Manhole on Existing 1050 mm LDS	CW 2130-R12				
i)	SD-010					
a)	2400 mm		v.m	4.0		
B.10	Catch Basin	CW 2130-R12				
i)	SD-025, 1800 mm deep c/w Ditch Inlet Grate	& E31.	each	3		

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS (Cont'd.)					
B.11	Connecting to Existing Manhole	CW 2130-R12				
i)	375 mm		each	1		
	WATERMAINS					
B.12	Watermain	CW 2110-R11, E20 & E27.				
i)	200 mm					
	In a Trench With Class B Sand Bedding, Class 2 Backfill		m	56		
	In a Trench With Class B Sand Bedding, Class 2 Backfill c/w 350 Steel Casing Pipe, Spacers and End Seal		m	22		
	In a Trench With Class B Sand Bedding, Class 4 Backfill		m	200		
,	Trenchless Installation With Class B Sand Bedding, Class 1 Backfill		m	20		
	Trenchless Installation With Class B Sand Bedding, Class 2 Backfill c/w 350 Steel Casing Pipe, Spacers and End Seal		m	24		
ii)	500 mm					
	In a Trench With Class B Sand Bedding, Class 4 Backfill		m	200		
•	In a Trench With Class B Sand Bedding, Class 2 Backfill c/w 750 Steel Casing Pipe, Spacers and End Seal		m	7		
	Trenchless Installation With Class B Sand Bedding, Class 2 Backfill c/w 750 Steel Casing Pipe, Spacers and End Seal		m	26		
B.13	Hydrant Assembly	CW 2110-R11				
i)	SD-006		each	2		
B.14	Watermain Valve	CW 2110-R11 & E27.				
i)	200 mm	<u> </u>	each	4		
ii)	300 mm (on existing main)		each	1		
iii)	500 mm (Install c/w 150 Bypass Assembly)		each	1		

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	WATERMAINS (Cont'd.)					
B.15	Fittings	CW 2110-R11, & E27.				
i)	Tees	Q 227.				
a)	150 mm x 150 mm x 150 mm		each	1		
b)	300 mm x 300 mm x 200 mm		each	1		
ii)	Bends (SD-004)					
a)	150 mm - 11.25°		each	1		
b)	200 mm - 11.25°		each	2		
c)	500 mm - 11.25°		each	2		
d)	500 mm - 22.5°		each	1		
e)	500 mm - 45°		each	4		
iii)	Bends (SD-005)					
a)	150 mm - 45º		each	1		
iv)	Reducers					
a)	200 mm - 150 mm		each	1		
b)	500 mm - 450 mm		each	1		
v)	Plugs					
a)	200 mm on Existing Watermains		each	2		
b)	500 mm		each	2		
B.16	Connecting to Existing Watermains and Large Diameter Water Services					
i)	In-line Connection - No Plug Existing					
a)	450 mm		each	1		
b)	500 mm		each	1		
ii)	Perpendicular Connection					
a)	150 mm		each	1		
b)	300 mm		each	1		
B.17	10.9 Kilogram Sacrificial Zinc Andoes	CW 2110-R11				
i)	On Metallic Watermains		each	1		

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

ITEM	DESCRIPTION	SPEC.	UNIT	APPROX.	UNIT PRICE	AMOUNT
	1	REF.		QUANTITY		
	MISCELLANEOUS					
B.18	Grouted Stone Riprap	CW 3615-R2	m³	10		
B.19	Hydro Excavation	E13.	hourly	10		
B.20	Warning Signs	E21.	each	8		
B.21	Abandon Existing Utilities with Cement- Stabilized Flowable Fill	E30.	m³	40		
	PROVISIONAL ITEMS					
B.22	Disposal of Hydrocarbon Contaminated Soil	E33.	m³	100		
В	PLESSIS ROAD - MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS			AND LAND	Sub-Total	

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

(SEE B9)

UNIT PRIC	CES					
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	SUMMARY					
A	CN REDDITT SUBDIVISION - RAIL SHOOFLY - GRADE PREPARATION Sub-Total					
В	PLESSIS ROAD - MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS				Sub-Total	
TOTAL BID PRICE (GST extra) (in figures)						
(in words)						

(Seal)

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FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B11)

BID BOND

	RID ROND	
KNOW ALL MEN BY THESE PRESENTS	THAT	
(hereinafter called the "Principal") and		
called the "Obligee") in the sum of ten per described, for the payment of which sum t	and firmly bound unto THE CITY OF WINNIPE rcent (10%) of the Total Bid Price set out in the E he Principal and Surety bind themselves, their heintly and severally, firmly by these presents.	Bid hereinafter
WHEREAS the Principal has submitted a B	Bid to the Obligee for	
BID OPPORTUNITY NO. 342-2013		
	SEPARATION AT CN REDDITT SUBDIVISION: MISCELLANEOUS WASTEWATER SEWER, WA	
as more fully set out in the Bid Opportunity.		
if said Bid is accepted and the Principal, in the said Obligee and furnishes the required	oligation is such that if the Bid of the Principal is no accordance with the terms of the Bid, enters into a performance security for guaranteeing the faithful, but otherwise shall remain in full force and effect.	Contract with performance
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)	(01)
(Witness as to Principal if no seal)	Per:	_ (Seal) -
	(Name of Surety)	

Ву:

(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 Bobecome bound as Surety for the Pri		es with THE CITY OF WINNIPEG to
(Name of Bidder)		of
(Name of Bidder)		
(Place)		
the Bidder to you on	, 20 for	
BID OPPORTUNITY NO. 342-2013		
PLESSIS ROAD TWINNING AND (SHOOFLY GRADE PREPARATION AND LAND DRAINAGE WORKS		
Work shown and described in the	e Bid Opportunity, if our Princi d and continue in full force and ef	ne due and proper performance of the ipal's Bid is accepted by you, such fect until the expiration of the warranty id Opportunity.
		and void if the Performance Bond (60) Calendar Days following the
nothing of any kind or matter whats	oever that will not discharge the	shall be liable as Principal, and that Principal shall operate as a discharge he liability of Sureties to the contrary
SIGNED AND SEALED this	day of	, 20
	(Name of Surety)	
	Bv:	(Seal)

(Attorney-in-Fact)

FORM G2: 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. 342-2013
PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS
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 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 July 30, 2013,

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)