

FORM A: BID
(See B9)

1. Contract Title **BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF)
DISPOSAL CELL CONSTRUCTION AND LEACHATE COLLECTION
AND STORAGE TANKS**

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.

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 ninety (90) 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: PRICES
 (See B10)

**BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF) DISPOSAL CELL CONSTRUCTION AND
 LEACHATE COLLECTION AND STORAGE TANKS**

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	GENERAL REQUIREMENTS					
1.1	Site Development and Restoration	E4	L.S.	1		
1.2	Construction Survey	017300	L.S.	1		
2	CELL 31 CONSTRUCTION					
2.1	Cell Excavation					
i)	Excavation and Stockpiling	312333.01	m ³	9,000		
2.2	Geotextiles					
i)	Woven Geotextile - Cushion	313219.01	m ²	17,500		
ii)	Woven Geotextile - Filter	313219.01	m ²	17,500		
2.3	Geomembrane					
i)	HDPE Liner, 60 MIL (Smooth)	313219.02	m ²	12,000		
ii)	HDPE Liner, 60 MIL (Textured)	313219.02	m ²	5,500		
iii)	GCL to bridge Cell 30 and Cell 31 liner	313219.02	m ²	750		
2.4	Engineered Clay Liner					
i)	Recompacted Clay (150 mm)	313219.03	m ²	17,500		
2.5	Cell Leachate Collection System					
i)	Granular Drainage Blanket	312333.02	m ²	16,700		
ii)	Perforated Pipe	402700	m	120		
iii)	Cleanout Riser Pipe	402700	ea	1		
iv)	Corrugated HDPE Vertical Manhole	402700	ea	1		
3	LEACHATE COLLECTION SYSTEM					
3.A	Area A - Manhole #1 to Manhole #2					
3.A.1	Gravity Leachate Pipe					
i)	200 mm DR11 HDPE with trenchless Installation (min 2.5 m depth of cover, supply and install)	E6	m	420		
ii)	Supply and Installation of 1200mm HDPE manhole c/w Frame and Cover	E6	each	1		

FORM B: PRICES
 (See B10)

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	Supply and Installation of HDPE Leachate Transit Gravity Pipe Cleanout	E6	each	1		
3.B	Area B - Manhole #2 to Manhole #3					
3.B.1	Gravity Leachate Pipe					
i)	200 mm DR11 HDPE with trenchless Installation (min 2.5 m depth of cover)	E6	m	575		
ii)	300 mm DR11 HDPE Encasement Pipe	E6	m	22		
iii)	Supply and Installation of 1200mm HDPE manhole c/w Frame and Cover	E6	each	1		
iv)	Supply and Installation of HDPE Leachate Transit Gravity Pipe Cleanout	E6	each	3		
3.B.2	Compressed Air System					
i)	Trench Installation of 75 mm HDPE, DR11 for compressed air.	221117	m	560		
ii)	Trenchless Installation of 200 mm DR11 HDPE Encasement Pipe	221117	m	20		
iii)	Marker Post for Manhole	E 6	each	8		
3.B.3	Mechanical Components					
i)	Manhole MH02 Pneumatic Leachate Pump (P-3)	322100.01	ea	1		
ii)	Cell 31 Sump Pneumatic Leachate Pump (P-4)	322100.01	ea	1		
3.C	Area C – Leachate Storage Tank					
3.C.1	Road Works					
i)	Excavation	CW 3110	m ³	1,200		
ii)	Subgrade Compaction	CW 3110	m ²	2,340		
iii)	Separation Geotextile Fabric (For Civil Works)	E8	m ²	2,340		
iv)	Supply and Installation of Geogrid	CW 3135	m ²	1,170		
v)	150mm of 19 mm Crushed Base Material	CW 3110	m ³	180		
vi)	450mm of 50 mm Sub-Base Course Material	CW 3110	tonne	1,680		
vii)	850mm of 100 mm Sub-Base Course Material	CW 3110	tonne	4,752		
3.C.2	Drainage Works					

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 (See B10)

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ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	250 mm SS Schedule 40S (Installation of drainage pipe in a trench with 2.5 m depth of cover)	E7	m	32		
ii)	Supply and Installation of 250 mm diameter Flexible Expansion Joint	E7	each	2		
iii)	Supply and Installation of ABT 611 Catch Basin at Truck Loading Pad, c/w Frame and Cover	E7	each	1		
iv)	Supply and Installation of Flexible Expansion Joints, 250 mm diameter EBBA Iron Flex Tend 410F20	E7	each	2		
v)	Supply and Installation of 250 mm diameter SS Gate Valve	E7	each	1		
vi)	Supply and Installation of 1200mm CSP culvert (2.8mm) c/w Polymer Coating	CW 3610	m	30		
vii)	Supply and Installation of 600mm CSP culvert (2.8mm) c/w Polymer Coating	CW 3610	m	26		
3.C.3	Reinforced Concrete Pad for Leachate Truck					
i)	30.0m x 8.0m Concrete Pad c/w Concrete Curb	CW 3310	m ²	300		
3.C.4	Base Preparation for Leachate Tanks and Secondary Containment					
i)	Excavation	E10	m ³	1,500		
ii)	Supply and Installation of 1 m of 50 mm Compacted Base Course Material	E10	Tonne	1,400		
iii)	Supply and Installation of 2 m of 150 mm Compacted Sub-Base Course Material	E10	tonne	3,000		
iv)	Subgrade Preparation	E10	m ²	1,000		
v)	Supply and Installation of Geotextile (For Civil Works)	E8	m ²	1,000		
3.C.5	Compressed Air System					
i)	Trench Installation of 75 mm HDPE, DR11 for compressed air.	221117	m	70		
ii)	Trenchless Installation of 200 mm DR11 HDPE Encasement Pipe	221117	m	62		
3.C.6	Mechanical Components					
i)	Leachate Tank, Secondary Containment, Foundations (TK-1, TK-2)	335613	ls	1		
ii)	Process Piping and Valves	221117, 230715	m	30		

FORM B: PRICES
 (See B10)

**BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF) DISPOSAL CELL CONSTRUCTION AND
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UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
iii)	Leachate Loadout Pump (P-1)	32 21 00.02	ea	1		
iv)	Tank Mixer (M-1)	335613.01	ea	1		
v)	Packaged Air Compressor and Receiver (C-1, AR-1)	221500	ea	1		
vi)	Air Dryer (AD-1)	221500	ea	1		
vii)	Dry Air Receiver (AR-2)	221500	ea	1		
viii)	Air Flow Controller (FC-1)	221500	ea	1		
ix)	Manhole MH03 Pneumatic Leachate Pump (P-2)	322100.01	ea	1		
x)	Pump Lifting Davit (H-1)	140001	ea	1		
3.C.7	Electrical/Automation – Leachate Tank	DIV 26, DIV 40	L.S.	1		
3.C.8	Electrical/Automation – Maintenance Building	DIV 26, DIV 40	L.S.	1		
TOTAL BID PRICE (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. 448-2017

BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF) DISPOSAL CELL CONSTRUCTION
AND LEACHATE COLLECTION AND STORAGE TANKS

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. 448-2017

BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF) DISPOSAL CELL CONSTRUCTION AND LEACHATE COLLECTION AND STORAGE TANKS

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 ninety (90) 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 October 15, 2017.

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)