

FORM A: BID
(See B9)

1. Contract Title **CONTRACT 1 – SITE PREPARATION WORKS – SOUTH END WATER POLLUTION CONTROL CENTRE (SEWPCC) UPGRADING/EXPANSION PROJECT**

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 D3.

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 B12.1, 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.

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)

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	<i>Excavation, Shoring and Piling</i>					
	Chemical/Generator Building & Adjoining Tunnel					
A.1	Common Excavation	CW 3170-R3	m ³	16000		
A.2	Shoring	CW 2030, E8	m ²	140		
A.3	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	154		
	Secondary Clarifiers					
A.4	Common Excavation	CW 3170-R3	m ³	65000		
A.5	Shoring	CW 2030, E8	m ²	265		
A.6	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	300mm diameter		each	38		
ii)	400mm diameter		each	497		
	UV Facility Expansion					
A.7	Common Excavation	CW 3170-R3	m ³	4000		
A.8	Shoring	CW 2030, E8	m ²	670		
A.9	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	41		
	Bioreactors					
A.10	Common Excavation	CW 3170-R3	m ³	97000		
A.11	Shoring	CW 2030, E8	m ²	950		
A.12	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	1126		
	HRC Building & Adjoining Gallery					
A.13	Common Excavation	CW 3170-R3	m ³	12000		
A.14	Shoring	CW 2030, E8	m ²	160		

 Name of Bidder

FORM B: PRICES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A.15	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	200		
	Vortex Grit Building					
A.16	Common Excavation	CW 3170-R3	m ³	3100		
A.17	Shoring	CW 2030, E8	m ²	100		
A.18	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	21		
	Miscellaneous Pile Extensions					
A.19	Supply and Install Pile Extensions	Spec 31 09 17, Spec 31 62 13.23				
i)	300mm diameter		each	5		
ii)	400mm diameter		each	95		
A	<u>Excavation, Shoring and Piling</u>				Subtotal:	
B	<u>Site Roadways (Construction Access Roads, North and South Perimeter Roads)</u>					
	EARTH AND BASE WORKS					
B.1	Stripping and Stockpiling Topsoil	CW 3110-R18	m ³	8800		
B.2	Excavation	CW 3110-R18	m ³	7000		
B.3	Sub-Grade Compaction	CW 3110-R18	m ²	17500		
B.4	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m ³	3000		
B.5	Crushed Sub-base Material	CW 3110-R18				
i)	150 mm		tonne	12000		
ii)	50 mm		tonne	14000		
B.6	Supplying and Placing Base Course Material	CW 3110-R18	m ³	3000		
B.7	Ditch Excavation	CW 3110-R18	m ³	14000		
B.8	Separation Geotextile Fabric	CW 3130-R4	m ²	17500		

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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B.9	Erosion Control Blanket	E25	m ²	26000		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
B.10	Corrugated Steel Pipe Culvert - Supply and Installation	CW 3610-R4				
i)	(450 mm dia, 2mm thick, Galvanized)		m	225		
ii)	(600 mm dia, 2mm thick, Galvanized)		m	250		
iii)	(750 mm dia, 2mm thick, Galvanized)		m	100		
iv)	(900 mm dia, 2mm thick, Galvanized)		m	95		
v)	(1400 mm dia, 2mm thick, Galvanized)		m	30		
B	<u>Site Roadways (Construction Access Roads, North and South Perimeter Roads)</u>				Subtotal:	
C	<u>Temporary Construction Laydown Areas and Parking Lots</u>					
C.1	Stripping and Stockpiling Topsoil	CW 3110-R18	m ³	4600		
C.2	Sub-Grade Compaction	CW 3110-R18	m ²	30300		
C.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	14600		
C.4	Supplying and Placing Base Course Material	CW 3110-R18	m ³	3100		
C.5	Separation Geotextile Fabric	CW 3130-R4	m ²	30300		
C.6	Supply and Install Railway Tie Wheel Stops		each	180		
C	<u>Site Roadways (Construction Access Roads, North and South Perimeter Roads)</u>				Subtotal:	
D	<u>Watermain</u>					
D.1	Watermains	CW2110, E6				
i)	250mm					
a)	trenchless installation, class B sand bedding, class5 backfill		m	1310		
ii)	150mm					

 Name of Bidder

FORM B: PRICES
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ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) trenchless installation, class B sand bedding, class5 backfill		m	275		
D.2	Hydrant Assembly	CW2110				
	i) SD-006		each	10		
D.3	Water Service	CW2110				
	i) 25mm					
	a) trenchless installation, class B sand bedding, class5 backfill		m	80		
	ii) 150mm					
	a) trenchless installation, class B sand bedding, class5 backfill		m	115		
D.4	Corporation Stops	CW 2110				
	i) 25mm		each	2		
D.5	Curb Stops	CW 2110				
	i) 25mm		each	2		
D.6	Curb Stop Boxes	CW 2110				
	i) 25mm		each	2		
D.7	Watermain Valve	CW2110				
	i) 150mm		each	1		
	ii) 250mm		each	12		
D.8	Fittings	CW2110				
	i) Reducers					
	a) 300mm-250mm		each	1		
	b) 150mm-100mm		each	1		
	ii) Bends	SD-005				
	a) 250mm-45°		each	10		
	iii) Tee					
	a) 250mmX250mmX150mm		each	10		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D.9	b) 300mmX300mmX250mm Connecting to Existing Watermains and Large Diameter Water Services	CW2110	each	1		
D.10	i) In-line connection-no plug existing Watermain and Water Service Insulation		each m	2 50		
D	<u>Watermain</u>				Subtotal:	
E	<u>Site Drainage</u>					
E.1	Catchbasins	CW2130				
	i) 1800mm dia base - 600mm deep sump - solid cover	SD-011, E26	vert. m.	13.4		
E.2	Manhole	CW2130				
	i) 1800mm dia base - 1.0m deep sump	SD-011, E27	m	11		
E.3	Connection to Existing Outfall Chamber No.4	E28, E30				
	i) Construction of 750 mm dia. Concrete Collar		lump sum	1		
	ii) Core hole through chamber top and cast in valve box		lump sum	1		
	iii) Cast Iron Slide Gate Supply and Delivery					
	a) 750 mm dia Slide Gate		lump sum	1		
	iv) Cast Iron Slide Gate Installation and Testing					
	a) 750 mm dia Slide Gate		lump sum	1		
E.4	Slide Gate inside new manhole	E28				
	i) Cast Iron Slide Gate Supply and Delivery					
	a) 600 mm dia. Sluice Gate		each	1		
	b) 750 mm dia. Sluice Gate		each	2		
	ii) Cast Iron Slide Gate Installation and Testing					

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	a) 600 mm dia Slide Gate		lump sum	1		
	b) 750 mm dia Slide Gate		lump sum	2		
E.5	Flap Gate inside new manhole	E29				
	i) 600 mm dia. Flap Gate		each	2		
	ii) 750 mm dia. Flap Gate		each	2		
E.6	Land Drainage Sewer	CW 2130-R12				
	i) 600 mm dia. Concrete Pipe		m	5		
	ii) 750 mm dia. Concrete Pipe		m	55		
E.7	Flap Gate on end of Culvert					
	i) 450 mm dia. Flap Gate		each	1		
E	<u>Site Drainage</u>				Subtotal:	
F	<u>Miscellaneous Removals & Site Works</u>					
F.1	Mobilization and Demobilization	01 50 00, E3	lump sum	1		
F.2	Pavement Removal	CW 3110-R18				
	i) Concrete Pavement Removal		m ²	2400		
	ii) Asphalt Pavement		m ²	6300		
	iii) Gravel Road Removal		m ²	2200		
F.3	Fill material for ditches	CW-3170-R3				
	i) Placing Suitable Site Material		m ³	8000		
F.4	Disposal of Existing Culverts	CW 3610-R5	m	200		
F.5	Removal of Catch Basins	CW 2130-R12	each	2		
F.6	Abandonment of Existing Testholes		each	2		
F.7	Perimeter Chain Link Fence	CW 3550-R3				
	i) 3.65m Height		m	620		
F.8	Temporary Chain Link Fence	CW 3550-R3				

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	1.828m Height		m	690		
F.9	Road Crossing Chain Link Fence Gates					
i)	2.4m Height		m	40		
F.10	Person Chain Link Fence Gate		each	2		
F.11	Bollards	E19	each	40		
F.12	Installation of Infrastructure Sign	E17	each	1		
F.13	Grouted Riprap around CB Inlets	CW 3615	m ³	11		
F.14	Remove Existing Stockpile	CW-3170-R3, E21				
i)	Common Excavation - Suitable Site Material		m ³	35000		
F.15	Tree Removal		each	22		
F.16	Clearing and Grubbing		ha	0.6		
F.17	Hydro Excavation	E18	hrs	100		
F.18	Setup of City & Contract Administrator Trailers	Spec 01 50 00, E20	lump sum	1		
F.19	Hauling Unsuitable Site Material to Off-site Landfill		m ³	5000		
F.20	Grading and Maintaing New Stockpiles	E22	lump sum	1		
F	<u>Miscellaneous Removals & Site Works</u>				Subtotal:	
G	<u>Electrical Work</u>					
G.1	Site lighting demolition		Lump Sum	1		
G.2	Site power equipment demolition including parking receptacles		Lump Sum	1		
G.3	Supply and installation of new communication and power distribution for parking and trailers including:					
i)	Parking receptacles		Lump Sum	1		
ii)	Mini power center		Lump Sum	1		
iii)	Power supply breaker in existing MCC and cable connection		Lump Sum	1		
iv)	Grounding		Lump Sum	1		

FORM B: PRICES
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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
v)	Buried communication conduit to Administration Building electrical room		Lump Sum	1		
G.4	UV Building and associated Secondary area demolitions including all exterior cable runs		Lump Sum	1		
G.5	Supply and installation of new power and control equipment between the Secondary Clarifier No 3 area and the UV Building including:					
i)	New electrical and control additions and modifications including fire alarm signals within the Secondary Clarifier area.		Lump Sum	1		
ii)	New underground wiring connection between the Secondary Clarifier and the UV Building including all wiring/cabling, conduit, trenching and backfill and exterior equipment to facilitate building entry and exit		Lump Sum	1		
iii)	New electrical and control additions and modifications including fire alarm signals within the UV Building area		Lump Sum	1		
G.6	Allowance for coordination with Contract Administrator of installation of modifications and additions within operating facilities including work during night/weekend periods		Lump Sum	1		
G.7	Supply and installation of any other miscellaneous items to support the overall scope of work		Lump Sum	1		
G.8	Applicable MRST/PST for Electrical Work items G.1 through G.8 inclusive		Lump Sum	1		
G	<u>Electrical Work</u>				Subtotal:	
H	<u>Mechanical Work</u>					
H.1	Supply and installation of new gas service between the Secondary Clarifier No 3 area and the UV Building		Lump Sum	1		
H.2	Modifications to UV Building water pipes to accommodate re-routed water service to UV Building.		Lump Sum	1		
H.3	Applicable MRST/PST for Mechanical Work items H.1 through H.2 inclusive		Lump Sum	1		
H	<u>Mechanical Work</u>				Subtotal:	

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
SUMMARY						
A	<u>Excavation, Shoring and Piling</u>				Subtotal:	
B	<u>Site Roadways (Construction Access Roads, North and South Perimeter Roads)</u>				Subtotal:	
C	<u>Temporary Construction Laydown Areas and Parking Lots</u>				Subtotal:	
D	<u>Watermain</u>				Subtotal:	
E	<u>Site Drainage</u>				Subtotal:	
F	<u>Miscellaneous Removals & Site Works</u>				Subtotal:	
G	<u>Electrical Work</u>				Subtotal:	
H	<u>Mechanical Work</u>				Subtotal:	
TOTAL BID PRICE MRST INCLUDED (GST extra) (in figures) _____						

 Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B12)

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. 333-2014

CONTRACT 1 – SITE PREPARATION WORKS – SOUTH END WATER POLLUTION CONTROL CENTRE (SEWPCC) UPGRADING/EXPANSION PROJECT

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 B12)

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. 333-2014

CONTRACT 1 – SITE PREPARATION WORKS – SOUTH END WATER POLLUTION CONTROL CENTRE (SEWPCC) UPGRADING/EXPANSION PROJECT

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)

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

**FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING
(BID SECURITY) (Page 2 of 2)
(See B12)**

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 September 23, 2014

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)