FORM A: BID (See B9)

1.	Contract Title	CONTRACT 1 – SITE P POLLUTION CONTROL UPGRADING/EXPANSI	REPARATION WORKS – SOU . CENTRE (SEWPCC) ON PROJECT	TH END WATER
2.	Bidder			
		Name of Bidder		
		Usual Business Name of Bidd	er as it appears on Invoice (if different f	rom 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 a	pplicable)	
	(Choose one)	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	orizes the following contact pe of the Bid.	erson to represent
		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.TimeThis 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)

UNIT PR	ICES	(SEE B10)				
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
Α	Excavation, Shoring and Piling		I	I		
	Chemical/Generator Building & Adjoining Tunnel					
A.1	Common Excavation	CW 3170-R3	m³	16000		
A.2	Shoring	CW 2030, E8	m²	140		
A.3	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	188		
	Secondary Clarifiers					
A.4	Common Excavation	CW 3170-R3	m³	65000		
A.5	Shoring	CW 2030, E8	m²	265		
A.6	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	300mm diameter		each	8		
ii)	400mm diameter		each	497		
	UV Facility Expansion					
A.7	Common Excavation	CW 3170-R3	m³	4000		
A.8	Shoring	CW 2030, E8	m²	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	m³	97000		
A.11	Shoring	CW 2030, E8	m²	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	m³	12000		
A.14	Shoring	CW 2030, E8	m²	160		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
4.15	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	199		
	Vortex Grit Building					
A.16	Common Excavation	CW 3170-R3	m³	3100		
A.17	Shoring	CW 2030, E8	M2	100		
A.18	Supply and Install Piles	Spec 31 09 17, Spec 31 62 13.23				
i)	400mm diameter		each	35		
	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		
Α	Excavation, Shoring and Piling		1		Subtotal:	
В	Site Roadways (Construction Acces Roads)	s Roads, North and S	South Pe	erimeter_		
	EARTH AND BASE WORKS					
B.1	Stripping and Stockpiling Topsoil	CW 3110-R18	m³	8850		
B.2	Excavation	CW 3110-R18	m³	7200		
B.3	Sub-Grade Compaction	CW 3110-R18	m²	18000		
B.4	Fill Material	CW 3170-R3				
i)	Placing Suitable Site Material		m³	3000		
B.5	Crushed Sub-base Material	CW 3110-R18				
i)	150 mm		tonne	12400		
ii)	50 mm		tonne	14250		
B.6	Supplying and Placing Base Course Material	CW 3110-R18	M3	3100		
	Ditch Excavation	CW 3110-R18	m³	14000		
B.7	Dion Executation					

		0050	LINUT			
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
.9	Erosion Control Blanket	E25	m²	26000		
	ASSOCIATED DRAINAGE AND UNDERGROUND WORKS					
8.10	Corrugated Steel Pipe Culvert - Supply and Installation	CW 3610-R4				
i)	(450 mm dia, 2mm thick, Galvanized)		m	240		
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		
В	Site Roadways (Construction Access Roads)	Roads, North and	South Pe	erimeter_	Subtotal:	
С	Temporary Construction Laydown Are	eas and Parking Lo	ots			
2.1	Stripping and Stockpiling Topsoil	CW 3110-R18	m³	4630		
2.2	Sub-Grade Compaction	CW 3110-R18	m²	30530		
2.3	Crushed Sub-base Material	CW 3110-R18				
i)	50 mm		tonne	14700		
0.4	Supplying and Placing Base Course Material	CW 3110-R18	m³	3130		
2.5	Separation Geotextile Fabric	CW 3130-R4	m²	30530		
2.6	Supply and Install Wheel Stops	E38	each	185		
С	Site Roadways (Construction Access Roads)	Roads, North and	South Pe	erimeter_	Subtotal:	
D	Watermain					
0.1	Watermains	CW2110, E6				
i)	250mm					
a)	trenchless installation,class B sand bedding, class5 backfill		m	1310		
ii)	150mm					

ITEM	ICES DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
â	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	a) trenchless installation,class B sand bedding, class5 backfill		m	80		
ii)	150mm					
a	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					
e	a) 300mm-250mm		each	1		
t) 150mm-100mm		each	1		
ii)	Bends	SD-005				
â	a) 250mm-45°		each	10		
iii)	Тее					
a	a) 250mmX250mmX150mm		each	10		

		(SEE B10			· · · · · ·	
ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
b)	300mmX300mmX250mm		each	1		
D.9	Connecting to Existing Watermains and Large Diameter Water Services	CW2110				
i)	In-line connection-no plug existing		each	2		
D.10	Watermain and Water Service Insulation		m	60		
D	<u>Watermain</u>				Subtotal:	
Е	Site Drainage					
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)	Square Cast Iron Slide Gate for 750mm dia (30") Opening		lump sum	1		
iv)	Cast Iron Slide Gate Installation and Testing					
a)	Square Cast Iron Slide Gate for 750mm dia (30") Opening Inside Chamber 4 - Installation and Testing		lump sum	1		
E.4	Slide Gate Inside New Manhole					
i)	Cast Iron Slide Gate Supply and Delivery					
a)	Square Cast Iron Slide Gate for 600mm dia (24") Opening	E28	each	1		
b)	Square Cast Iron Slide Gate for 750mm dia (30") Opening	E28	each	2		

JNIT PRIC ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
ii)	Cast Iron Slide Gate Installation and Testing					
a)	Square Cast Iron Slide Gate for 600mm dia (24") Opening - Inside New Manhole	E28	each	1		
b)	Square Cast Iron Slide Gate for 750mm dia (30") Opening Inside New Manhole	E28	each	2		
5.5	Cast Iron Flap Gate Supply, Delivery and Installation Inside New Manhole	E29				
i)	600 mm dia. Flap Gate		each	2		
ii)	750 mm dia. Flap Gate		each	2		
Ξ.6	Land Drainage Sewer	CW 2130-R12				
i)	600 mm dia. Concrete Pipe		m	26		
ii)	750 mm dia. Concrete Pipe		m	55		
Ξ.7	Flap Gate on end of Culvert	E37				
i)	450 mm dia. Flap Gate		each	1		
Е	<u>Site Drainage</u>				Subtotal:	
F	Miscellaneous Removals & Site Works	3				
- .1	Mobilization and Demobilization	01 50 00, E3	lump sum	1		
2	Pavement Removal	CW 3110-R18				
i)	Concrete Pavement Removal		m²	2400		
ii)	Asphalt Pavement		m²	6300		
ii) iii)	Asphalt Pavement Gravel Road Removal		m² m²	6300 2200		
		CW-3170-R3				
iii)	Gravel Road Removal	CW-3170-R3				
iii) =.3 i)	Gravel Road Removal Fill material for ditches	CW-3170-R3 CW 3610-R5	m²	2200		
iii) =.3 i) =.4	Gravel Road Removal Fill material for ditches Placing Suitable Site Material		m² m³	2200 8000		
iii) =.3	Gravel Road Removal Fill material for ditches Placing Suitable Site Material Disposal of Existing Culverts	CW 3610-R5	m² m³ m	2200 8000 200		

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
i)	3.65m Height		m	620		
.8	Temporary Chain Link Fence	CW 3550-R3				
i)	1.828m Height		m	740		
9	Road Crossing Chain Link Fence Gates					
i)	2.4m Height		m	40		
.10	Person Chain Link Fence Gate		each	2		
F.11	Bollards	E19	each	52		
.12	Installation of Infrastructure Sign	E17	each	1		
13	Grouted Riprap around CB Inlets	CW 3615	m³	11		
14	Remove Existing Stockpile	CW-3170-R3, E21				
i)	Common Excavation - Suitable Site Material		m³	35000		
.15	Tree Removal		each	22		
16	Clearing and Grubbing		ha	0.6		
.17	Hydro Excavation	E18	hrs	100		
.18	Setup of City & Contract Administrator Trailers	Spec 01 50 00, E20	lump sum	1		
19	Hauling Unsuitable Site Material to Off- site Landfill		M3	5000		
.20	Grading and Maintaing New Stockpiles	E22	lump sum	1		
21	Jersey Barriers	E34	each	15		
22	Reflective Channel Posts	E35	each	170		
.23	Culvert Debris Grates	E36				
i)	600mm diameter		each	2		
ii)	750mm diameter		each	2		
.24	Supply and Install Ditch Inlet Grate	E40	each	1		

UNIT PR ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F	Miscellaneous Removals & Site Works	INLI .		QUANTIT	Subtotal:	
G	Electrical Work					
G.1	Site lighting demolition		Lump	1		
G.2	Site power equipment demolition including parking receptacles		Sum Lump Sum	1		
9.3	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		
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		

DESCRIPTION and installation of any other aneous items to support the scope of work ble MRST/PST for Electrical ems G.1 through G.8 inclusive cal Work nical Work and installation of new gas between the Secondary Clarifier ea and the UV Building ations to UV Building water o accommodate re-routed water to UV Building. ble MRST/PST for Mechanical ems H.1 through H.2 inclusive nical Work	SPEC. REF.	UNIT Lump Sum Lump Sum Lump Sum Lump Sum	APPROX. QUANTITY 1 1 1 1	UNIT PRICE Subtotal: Subtotal:	AMOUNT
aneous items to support the scope of work ble MRST/PST for Electrical ems G.1 through G.8 inclusive cal Work nical Work and installation of new gas between the Secondary Clarifier ea and the UV Building ations to UV Building water o accommodate re-routed water to UV Building. ble MRST/PST for Mechanical ems H.1 through H.2 inclusive		Sum Lump Sum Lump Sum Lump Sum Lump	1		
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ems H.1 through H.2 inclusive			1	Subtotal:	
nical Work				Subtotal:	
ARY ition, Shoring and Piling				Subtotal:	
adways (Construction Access	Roads, North and	d South Pe	erimeter	Subtotal:	
rary Construction Laydown Are	eas and Parking L	.ots		Subtotal:	
nain				Subtotal:	
ainage				Subtotal:	
aneous Removals & Site Works	6			Subtotal:	
ive Channel Posts				Subtotal:	
nical Work				Subtotal:	
		(in fig	gures)		
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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:	(Name of Principal)	
(Witness as to Principal if no seal)	Per: Per:	
	(Name of Surety)	
	By:(Attorney-in-Fact)	(Seal)

__ of

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,

(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_____, 20_____.

(Name of Surety)

By:

_____ (Seal)

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING

(BID SECURITY) (Page 1 of 2) (See B12)

(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. 333-2014

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

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 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 Cigning Officer)

(Authorized Signing Officer)