

**FORM A: BID**  
(See B8)

1. Contract Title WINNIPEG WATER TREATMENT PROGRAM - SUPPLY OF HMI  
HARDWARE AND PLC AND HMI SOFTWARE CONFIGURATION  
SERVICES

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
Facsimile Number

(Mailing address if different)

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

The Bidder is:

(Choose one)

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 price(s), 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 GC.3.01.

8. Commencement of the Work The Bidder agrees that no Work shall commence until he is in receipt of a notice of award 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

In witness whereof the Bidder or the Bidder's authorized official or officials have signed this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ .

(If no corporate seal)  
Signed and sealed in  
the presence of:

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
(Witness)

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)

SEAL

**FORM B: PRICES**  
 (See B9)

**WINNIPEG WATER TREATMENT PROGRAM - SUPPLY OF HMI HARDWARE AND PLC AND HMI SOFTWARE CONFIGURATION SERVICES**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
	<b>Supply and Installation of Hardware</b>					
1.0	Operator Workstations	Sec. 17500 article 2.2	each	16		
1.1	All other hardware (servers, racks, ethernet switches, cabling, projection TV and ancillaries)	Sec. 17015	Lump Sum	1		
	<b>Programming</b>					
2.0	Programming services based on PLC Inputs/Outputs list provided	Sec. 17600	Lump Sum	1		
2.1	Supply of SST PICS simulation software and development of simulation programs	Sec. 17015 clause 1.3.14	Lump Sum	1		
2.2	Developer Licenses	Sec. 17500 article 2.3	Lump Sum	1		
	<b>Programming Additional I/O added PRIOR to delivery of all Materials to the Site</b>					
3.0	To provide ten (10) additional digital PLC Inputs/Outputs	Sec. 17015	lot	30		
3.1	To provide five (5) additional analog PLC Inputs/Outputs	Sec. 17015	lot	15		
3.2	To provide additional objects of a type already defined/programmed as part of item 2 above	Sec. 17015	each	150		
3.3	To provide additional mimic screen containing a maximum of 20 points	Sec. 17015	each	10		
	<b>Programming Additional I/O added AFTER the delivery of all Materials to the Site</b>					
4.0	To provide ten (10) additional digital PLC Inputs/Outputs	Sec. 17015	lot	30		
4.1	To provide five (5) additional analog PLC Inputs/Outputs	Sec. 17015	lot	15		
4.2	To provide additional objects of a type already defined/programmed as part of item 2 above	Sec. 17015	each	150		

**FORM B: PRICES**  
 (See B9)

**WINNIPEG WATER TREATMENT PROGRAM - SUPPLY OF HMI HARDWARE AND PLC AND HMI SOFTWARE CONFIGURATION SERVICES**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
4.3	Additional mimic screen containing a maximum of 20 points  <b>Commissioning Support</b>	Sec. 17015	each	10		
5.0	I/O communication confirmation prior to Running Tests	Sec. 01650 clause 5.4	hour	4000		
5.1	On Site control of SCADA System during Performance Verification	Sec. 01650 article 5	hour	1200		
5.2	On Site support during System Demonstration  <b>Training</b>	D2.2(b)	hours	480		
6.0	Training Prior to Total Performance	D2.2(c)	Lump Sum	1	\$200,000	\$200,000
6.1	Supplemental Training	D2.2(c)	hour	160	\$150.00	\$24,000

TOTAL BID PRICE (GST and MRST extra) (in figures) \$ \_\_\_\_\_

(in words) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
 Name of Bidder

**FORM N: FACTORY TESTING LOCATION**  
(See B10)

WINNIPEG WATER TREATMENT PROGRAM - SUPPLY OF HMI HARDWARE AND PLC AND HMI  
SOFTWARE CONFIGURATION SERVICES

City: _____	State/Province: _____
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\_\_\_\_\_  
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 dated the

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ for

BID OPPORTUNITY NO. 159-2007

WINNIPEG WATER TREATMENT PROGRAM - SUPPLY OF HMI HARDWARE AND PLC AND HMI SOFTWARE CONFIGURATION SERVICES

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)

\_\_\_\_\_  
(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. 159-2007

WINNIPEG WATER TREATMENT PROGRAM - SUPPLY OF HMI HARDWARE AND PLC AND HMI SOFTWARE CONFIGURATION SERVICES

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 1 of 2)  
(See B12)**

\_\_\_\_\_  
(Date)

The City of Winnipeg  
Corporate Finance Department  
Materials Management Branch  
185 King Street, Main Floor  
Winnipeg MB R3B 1J1

RE: BID SECURITY - BID OPPORTUNITY NO. 159-2007

WINNIPEG WATER TREATMENT PROGRAM - SUPPLY OF HMI HARDWARE AND PLC AND  
HMI SOFTWARE CONFIGURATION SERVICES

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 October 14, 2005

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 (1993 Revision), International Chamber of Commerce Publication Number 500.

\_\_\_\_\_  
(Name of bank or financial institution)

Per: \_\_\_\_\_  
(Authorized Signing Officer)

Per: \_\_\_\_\_  
(Authorized Signing Officer)