

**FORM A: BID**  
(See B7)

1. Project Title SUPPLY AND DELIVERY OF AERATION EQUIPMENT FOR THE NORTH END WATER POLLUTION CONTROL CENTRE CENTRATE NITROGEN REMOVAL FACILITY

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.

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6. 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.
7. Commencement of the Work      The Bidder agrees that no Work shall commence until he is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
8. 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 Submission.
9. 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 | _____ |
|     | _____ |       | _____ |
|     | _____ |       | _____ |
10. Time      This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.
11. 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 B8)

**SUPPLY AND DELIVERY OF AERATION EQUIPMENT FOR THE NORTH END WATER POLLUTION CONTROL CENTRE CENTRATE NITROGEN REMOVAL FACILITY**

**Bidder to fill in quantities and prices for items 4, 5, 6, 8 and 9.**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	Aeration equipment and all other related equipment and services not listed below	Part E	Lump	1		
2.	Rate per day for supervision of installation and commissioning	11531 (3.3)	Days	5		
3.	Rate per day for operator training and maintenance instructions	11531 (3.3)	Days	3		
4.	Spare diffuser membranes - minimum 2 percent of total supplied	11531 (2.7.1)	Each			
5.	Spare diffuser elements and assemblies (minus membranes) - minimum 2 percent of total supplied	11531 (2.7.1)	Each			
6.	Spare diffuser holders - minimum 1 percent of total supplied	11531 (2.7.1)	Each			
7.	Spare piping supports	11531 (2.7.1)	Each	50		
8.	Spare plugs for unused diffuser locations - minimum 10 percent of total supplied	11531 (2.7.1)	Each			
9.	Spare distribution lateral fixed joints - a minimum 1 percent of total supplied	11531 (2.7.1)	Each			
10.	Spare 19 mm purge valves	11531 (2.7.1)	Each	4		
11.	Spare distribution lateral repair couplings	11531 (2.7.1)	Each	20		
12.	Field Testing	11531 (3.6)	Lump	1		

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

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

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

**FORM E: EQUIPMENT PARAMETERS**  
 (See B10)

Provide details of the equipment to be supplied for one SBR.

Item	SYSTEM PARAMETERS	VALUE
1A	Diameter of drop legs, mm	
2A	Number of diffusers (or tubes) per grid based on three grids per tank	
3A	Total number of diffusers (or tubes) per tank	
4A	Diameter of diffusers (or tubes), mm	
5A	Length of tubes, mm	
6A	Spacing between laterals, mm	
7A	Air flow per tank (Refer to 11531 Section 2.3.1)  Average, Nm <sup>3</sup> /min Maximum, Nm <sup>3</sup> /min	
8A	Maximum headloss from drop leg to diffuser including loss through diffuser (or tube), kPag	
9A	Estimated number of hours required for Installation Contractor to install equipment	

	YES / NO
Equipment meets all SOTE requirements listed in 11531.2.3	
Equipment meets all SOTR requirements listed in 11531.2.3	

Note: Refer to Part E: Specifications for definition of terms and acronyms.

**FORM Q: GUARANTEED PERFORMANCE**  
 (See B12)

	Average SOTR <sup>(1)</sup> (kg/hr)	Guaranteed SOTE (%)	Water Depth ( from tank floor) (m)
SBR No.1	1361		6.3
SBR No.2	627		6.3

1. The operating conditions of one of the SBRs may be different from the other; hence the different average SOTR values for life cycle cost analysis

Guaranteed required pressure at each dropleg under maximum airflow conditions. Maximum air flow conditions as defined in Specification Section 11531, item 2.3.2

<b>Required pressure at the dropleg (kPa)</b>		
<b>Dropleg No.1</b>	<b>Dropleg No.2</b>	<b>Dropleg No.3</b>

**Guaranteed useful life** of the diffuser membranes or tubes, N1 = \_\_\_\_\_ years