

PART A

QUALIFICATION APPLICATION

FORM A: QUALIFICATION APPLICATION

1. Project Title **REQUEST FOR QUALIFICATIONS FOR THE SUPPLY OF ULTRAVIOLET LIGHT DISINFECTION EQUIPMENT FOR THE NORTH END WATER POLLUTION CONTROL CENTRE DISINFECTION PROJECT**

2. Applicant

Name of Applicant

Street

City Province Postal Code

3. Contact Person

The Applicant authorizes the following contact person to represent the Applicant for purposes of the Application.

Contact Person Title

Telephone Number Facsimile Number

4. Request

I/We wish to be considered as a pre-qualified Supplier for the Ultraviolet Light Disinfection Equipment for the North End Water Pollution Control Centre Disinfection Project in the City of Winnipeg.

5. Qualification

I/We have completed Form B: Qualification Questionnaire, appended hereto.

6. Addenda

I/We certify that the following addenda have been received and agree that they shall be deemed to form a part of this Request for Qualifications.

No. _____ Dated _____

No. _____ Dated _____

No. _____ Dated _____

FORM A: QUALIFICATION APPLICATION (CONT'D.)

7. Signatures

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

_____ day of _____, 20_____ .

Signed and sealed in
the presence of:

(Witness)

(Witness)

Signature of Applicant or
Applicant'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: QUALIFICATION QUESTIONNAIRE**Part 1**

1. Does your organization have at least five years of experience (measured from time of system commissioning) in providing ultraviolet light (UV) disinfection equipment in Canada or the United States of America for treatment of secondary effluent from municipal wastewater treatment plants?

Yes _____ No _____

If yes, provide plant name and size, reference name, contact telephone number and email address for North American UV facilities commissioned April 1999 or earlier.

2. Has your organization been awarded at least three contracts for the supply of medium pressure or low pressure high intensity UV equipment for municipal wastewater disinfection systems in Canada or the United States of America that meet all of the following criteria?

- Equipment has been installed, fully commissioned and is operating satisfactorily;
- Maximum flow of greater than or equal to 100 megalitres per day (ML/d);
- Disinfects secondary effluent;
- Disinfection target of 200 fecal coliforms or *E.coli* per 100 mL as monthly geometric mean;
- Automatic, in-place mechanical lamp cleaning, as a minimum.

Yes _____ No _____

If yes, provide the name and location of the three plants, giving peak disinfection capacity, design UVt and TSS, start-up date and contact information including name, phone number and email address.

3. Can your organization provide a report (preferably by a third party) describing a study meeting the following conditions:

- Conducted on either low pressure high output or medium pressure UV disinfection systems;
- Performed using the identical lamp type and spacing as in the equipment which would be proposed by your organization for the North End Water Pollution Control Centre (NEWPCC);
- Performed on a pilot facility or full scale operating facility;
- Included measurements of the reduction in concentrations of either native fecal coliform, *E.coli* or enterococci as the test organism;
- Conducted on effluent from the wastewater treatment plant with an average UV transmissivity of less than 40 percent;
- Demonstrated that the reduction equivalent dosage to achieve the desired removal was in the range 15 to 50 mJ/cm²;
- Demonstrated the ability of the disinfection equipment, in effluent with low UV transmissivity, to achieve a reduction by at least 3 logarithms of fecal coliform, *E.coli* or enterococci.

Yes _____ No _____

If yes, provide details of testing protocol and a summary report documenting the work.

4. Does your organization have a service centre in North America? The service centre shall have service personnel that are trained in the maintenance of the UV equipment that the Supplier intends to propose for this City of Winnipeg project and as well as a full spare parts inventory for this equipment.

Yes _____ No _____

If yes, provide location address, including postal code or zip code, contact name and telephone number for verification.

5. Can your organization provide bid security in one of the following forms?

- A bid bond, in the amount of at least 10% of the total bid price, and an agreement of a company registered to conduct the business of a surety in Manitoba, to provide the performance security set out in question 6 below (see attached Form G1: Bid Bond and Agreement to Bond, which is a sample of the format that will be required); or
- an irrevocable standby letter of credit, in the amount of at least 100% of the total bid price, issued by a bank or other financial institution registered to conduct business in Manitoba and drawn on a branch located in Manitoba (see attached Form G2: Irrevocable Standby Letter of Credit and Undertaking, which is a sample of the format that will be required); or
- a certified cheque or draft payable to The City of Winnipeg, in the amount of at least 100% of the total bid price, drawn on a bank or other financial institution registered to conduct business in Manitoba.

Yes _____ No _____

6. Can your organization provide and maintain performance security until the expiration of the three year warranty period in the amount of 100% of the contract price in one of the following forms?

- a performance bond of a company registered to conduct the business of a surety in Manitoba (see Form H1: Performance Bond which is a sample of the form of performance bond that will be required); or
- an irrevocable standby letter of credit issued by a bank or other financial institution registered to conduct business in Manitoba and drawn on a branch located in Manitoba (see Form H2: Irrevocable Standby Letter of Credit which is a sample of the form of letter that will be required); or
- a certified cheque or draft payable to The City of Winnipeg, drawn on a bank or other financial institution registered to conduct business in Manitoba.

Yes _____ No _____

7. Is your organization prepared to enter into an agreement to provide replacements parts at a pre-agreed price (with inflation factor) over a 15 year period?

Yes _____ No _____

8. Is your organization willing to provide guaranteed pricing for supply of the UV equipment, and guarantees on the operating and maintenance costs for the equipment to be supplied for this project without pilot testing? The project schedule will call for proposals for the supply of the UV equipment to be submitted in early June 2004.

Yes _____ No _____

9. Is your organization willing to provide guaranteed pricing for supply of the UV equipment, and guarantees on the operating and maintenance costs for the equipment to be supplied for this project when tied to the provision of "reduction equivalent dose" at design flow, UVt and TSS.

Yes _____ No _____

10. Has your organization been involved in the research and development of UV technology and equipment for the municipal wastewater disinfection?

Yes _____ No _____

Provide details on a separate sheet of paper.

11. If the equipment that you typically provide is based on electrical power supplied with a frequency of 50 Hz, will it be suitable for use in Canada?

Yes _____ No _____

Part 2

12. The City of Winnipeg's General Conditions for the Supply and Delivery of Goods that will apply to any contract that is awarded pursuant to this Request for Qualifications are attached in Part D. Will your organization accept these General Conditions without exception?

Yes _____ No _____ (If No, provide details of concerns or objections.)

13. In the last 10 years, has your organization ever failed to enter into a contract when it was the low bidder, either due to the owner selecting another bidder or your organization withdrawing?

Yes _____ No _____

(If yes, provide complete circumstances for each occurrence on a separate sheet of paper.)

14. In the last 10 years, has your organization ever been terminated on a contract or failed to complete a contract?

Yes _____ No _____

(If yes, provide complete circumstances for each occurrence on a separate sheet of paper.)

15. Is your organization capable of delivering equipment by May 2005, assuming a contract award of July 2004?

Yes _____ No _____

Name of Applicant