



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 618-2012

SUPPLY AND DELIVERY OF LIQUID FERRIC CHLORIDE

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 SUPPLY AND DELIVERY OF LIQUID FERRIC CHLORIDE

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, September 27, 2012

B2.2 Bids determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.

B2.3 The Contract Administrator or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3. ENQUIRIES

B3.1 All enquiries shall be directed to the Contract Administrator identified in D3.1.

B3.2 If the Bidder finds errors, discrepancies or omissions in the Bid Opportunity, or is unsure of the meaning or intent of any provision therein, the Bidder shall promptly notify the Contract Administrator of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.

B3.3 If the Bidder is unsure of the meaning or intent of any provision therein, the Bidder should request clarification as to the meaning or intent prior to the Submission Deadline.

B3.4 Responses to enquiries which, in the sole judgment of the Contract Administrator, require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator to all Bidders by issuing an addendum.

B3.5 Responses to enquiries which, in the sole judgment of the Contract Administrator, do not require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator only to the Bidder who made the enquiry.

B3.6 The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Contract Administrator in writing.

B4. ADDENDA

B4.1 The Contract Administrator may, at any time prior to the Submission deadline, issue addenda correcting errors, discrepancies or omissions in the Bid Opportunity, or clarifying the meaning or intent of any provision therein.

B4.2 The Contract Administrator will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.

B4.2.1 Addenda will be available on the Bid Opportunities page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/bidopp.asp>

B4.2.2 The Bidder is responsible for ensuring that he/she has received all addenda and is advised to check the Materials Management Division website for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.

B4.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 7 of Form A: Bid. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

B5. SUBSTITUTES

- B5.1 The Work is based on the materials, equipment, methods and products specified in the Bid Opportunity.
- B5.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.
- B5.3 Requests for approval of a substitute will not be considered unless received in writing by the Contract Administrator at least seven (7) Business Days prior to the Submission Deadline.
- B5.4 The Bidder shall ensure that any and all requests for approval of a substitute:
- (a) provide sufficient information and details to enable the Contract Administrator to determine the acceptability of the material, equipment, method or product as either an approved equal or alternative;
 - (b) identify any and all changes required in the applicable Work, and all changes to any other Work, which would become necessary to accommodate the substitute;
 - (c) identify any anticipated cost or time savings that may be associated with the substitute;
 - (d) certify that, in the case of a request for approval as an approved equal, the substitute will fully perform the functions called for by the general design, be of equal or superior substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the Contract;
 - (e) certify that, in the case of a request for approval as an approved alternative, the substitute will adequately perform the functions called for by the general design, be similar in substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the Contract.
- B5.5 The Contract Administrator, after assessing the request for approval of a substitute, may in his/her sole discretion grant approval for the use of a substitute as an “approved equal” or as an “approved alternative”, or may refuse to grant approval of the substitute.
- B5.6 The Contract Administrator will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, only to the Bidder who requested approval of the substitute.
- B5.6.1 The Bidder requesting and obtaining the approval of a substitute shall be entirely responsible for disseminating information regarding the approval to any person or persons he/she wishes to inform.
- B5.7 If the Contract Administrator approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.
- B5.8 If the Contract Administrator approves a substitute as an “approved alternative”, any Bidder bidding that approved alternative may base his/her Total Bid Price upon the specified item but may also indicate an alternative price based upon the approved alternative. Such alternatives will be evaluated in accordance with B13.
- B5.9 No later claim by the Contractor for an addition to the price(s) because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.
- B5.10 Notwithstanding B5.2 to B5.9, and in accordance with B6.7, deviations inconsistent with the Bid Opportunity document shall be evaluated in accordance with B13.1(a).

B6. BID SUBMISSION

- B6.1 The Bid shall consist of the following components:

- (a) Form A: Bid;
 - (b) Form B: Prices.
- B6.2 Further to B6.1, the Bidder should include the written correspondence from the Contract Administrator approving a substitute in accordance with B5.
- B6.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely in ink, to constitute a responsive Bid.
- B6.4 The Bid Submission may be submitted by mail, courier or personal delivery, or by facsimile transmission.
- B6.5 If the Bid Submission is submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address, and shall be submitted to:
- The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1
- B6.5.1 Samples or other components of the Bid Submission which cannot reasonably be enclosed in the envelope may be packaged separately, but shall be clearly marked with the Bid Opportunity number, the Bidder's name and address, and an indication that the contents are part of the Bidder's Bid Submission.
- B6.6 Bidders are advised not to include any information/literature except as requested in accordance with B6.1.
- B6.7 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document, including the General Conditions, will be evaluated in accordance with B13.1(a).
- B6.8 If the Bid Submission is submitted by facsimile transmission, it shall be submitted to 204 949-1178.
- B6.8.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.
- B6.9 Bids submitted by internet electronic mail (e-mail) will not be accepted.
- B7. BID**
- B7.1 The Bidder shall complete Form A: Bid, making all required entries.
- B7.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:
- (a) if the Bidder is a sole proprietor carrying on business in his/her own name, his/her name shall be inserted;
 - (b) if the Bidder is a partnership, the full name of the partnership shall be inserted;
 - (c) if the Bidder is a corporation, the full name of the corporation shall be inserted;
 - (d) if the Bidder is carrying on business under a name other than his/her own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.
- B7.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.
- B7.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

B7.4 Paragraph 9 of Form A: Bid shall be signed in accordance with the following requirements:

- (a) if the Bidder is a sole proprietor carrying on business in his/her own name, it shall be signed by the Bidder;
- (b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
- (c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers;
- (d) if the Bidder is carrying on business under a name other than his/her own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.

B7.4.1 The name and official capacity of all individuals signing Form A: Bid should be printed below such signatures.

B7.4.2 All signatures shall be original.

B7.5 If a Bid is submitted jointly by two or more persons, the word "Bidder" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Bidders in the Bid and the Contract, when awarded, shall be both joint and several.

B8. PRICES

B8.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B8.1.1 Prices on Form B: Prices shall include:

- (a) duty;
- (b) freight and cartage;
- (c) Provincial and Federal taxes [except the Goods and Services Tax (GST) and Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable] and all charges governmental or otherwise paid;
- (d) profit and all compensation which shall be due to the Contractor for the Work and all risks and contingencies connected therewith.

B8.1.2 Prices on Form B: Prices shall not include the Manitoba Association for Resource Recovery Corporation (MARRC) Environmental Handling Charge (EHC) which shall be extra where applicable.

B8.2 The quantities listed on Form B: Prices are to be considered approximate only. The City will use said quantities for the purpose of comparing Bids.

B8.3 The quantities for which payment will be made to the Contractor are to be determined by the Work actually performed and completed by the Contractor, to be measured as specified in the applicable Specifications.

B9. QUALIFICATION

B9.1 The Bidder shall:

- (a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Bidder does not carry on business in Manitoba, in the jurisdiction where the Bidder does carry on business; and
- (b) be financially capable of carrying out the terms of the Contract; and
- (c) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract.

- B9.2 The Bidder and any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:
- (a) be responsible and not be suspended, debarred or in default of any obligations to the City. A list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/debar.stm>
- B9.3 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:
- (a) have successfully carried out work similar in nature, scope and value to the Work; and
 - (b) be fully capable of performing the Work required to be in strict accordance with the terms and provisions of the Contract; and
 - (c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba);
- B9.4 The Bidder shall submit, within three (3) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.
- B9.5 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B10. OPENING OF BIDS AND RELEASE OF INFORMATION

- B10.1 Bids will not be opened publicly.
- B10.2 Following the Submission Deadline, the names of the Bidders and their bid prices (unevaluated, and pending review and verification of conformance with requirements or evaluated prices) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt>
- B10.3 After award of Contract, the name(s) of the successful Bidder(s) and the Contract amount(s) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt>
- B10.4 The Bidder is advised that any information contained in any Bid may be released if required by City policy or procedures, by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law.

B11. IRREVOCABLE BID

- B11.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 8 of Form A: Bid.
- B11.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 8 of Form A: Bid.

B12. WITHDRAWAL OF BIDS

- B12.1 A Bidder may withdraw his/her Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.
- B12.1.1 Notwithstanding C21, the time and date of receipt of any notice withdrawing a Bid shall be the time and date of receipt as determined by the Manager of Materials.

- B12.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Bid or the Bidder's authorized representatives named in Paragraph 9 of Form A: Bid, and only such person, has authority to give notice of withdrawal.
- B12.1.3 If a Bidder gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:
- (a) retain the Bid until after the Submission Deadline has elapsed;
 - (b) open the Bid to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 9 of Form A: Bid; and
 - (c) if the notice has been given by any one of the persons specified in B12.1.3(b), declare the Bid withdrawn.
- B12.2 A Bidder who withdraws his/her Bid after the Submission Deadline but before his/her Bid has been released or has lapsed as provided for in B11.2 shall be liable for such damages as are imposed upon the Bidder by law and subject to such sanctions as the Chief Administrative Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B13. EVALUATION OF BIDS

- B13.1 Award of the Contract shall be based on the following bid evaluation criteria:
- (a) compliance by the Bidder with the requirements of the Bid Opportunity, or acceptable deviation there from (pass/fail);
 - (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B9 (pass/fail);
 - (c) Total Bid Price 100%
 - (d) economic analysis of any approved alternative pursuant to B5.
- B13.2 Further to B13.1(a), the Award Authority may reject a Bid as being non-responsive if the Bid Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements or minor informalities or irregularities if the interests of the City so require.
- B13.3 Further to B13.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his/her Bid or in other information required to be submitted, that he/she is responsible and qualified.
- B13.4 Further to B13.1(c), the Total Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.
- B13.4.1 If there is any discrepancy between the Total Bid Price written in figures, the Total Bid Price written in words and the sum of the quantities multiplied by the unit prices for each item, the sum of the quantities multiplied by the unit prices for each item shall take precedence.
- B13.4.2 Further to B13.1(a), in the event that a unit price is not provided on Form B: Prices, the City will determine the unit price by dividing the Amount (extended price) by the approximate quantity, for the purposes of evaluation and payment.

B14. AWARD OF CONTRACT

- B14.1 The City will give notice of the award of the Contract or will give notice that no award will be made.
- B14.2 The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive.

- B14.2.1 Without limiting the generality of B14.2, the City will have no obligation to award a Contract where:
- (a) the prices exceed the available City funds for the Work;
 - (b) the prices are materially in excess of the prices received for similar work in the past;
 - (c) the prices are materially in excess of the City's cost to perform the Work, or a significant portion thereof, with its own forces;
 - (d) only one Bid is received; or
 - (e) in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.
- B14.3 Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Bidder submitting the lowest evaluated responsive Bid, in accordance with B13.
- B14.3.1 Following the award of contract, a Bidder will be provided with information related to the evaluation of his/her Bid upon written request to the Contract Administrator.
- B14.4 Notwithstanding C4 and Paragraph 5 of Form A: Bid, the City will issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.
- B14.5 The Contract Documents, as defined in C1.1 (n) (ii) in their entirety shall be deemed to be incorporated in and to form a part of the Purchase Order notwithstanding that they are not necessarily attached to or accompany said Purchase Order.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for the Supply of Goods* (Revision 2008 05 26) are applicable to the Work of the Contract.
- C0.1.1 The *General Conditions for the Supply of Goods* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm
- C0.2 A reference in the Bid Opportunity to a section, clause or sub clause with the prefix “**C**” designates a section, clause or sub clause in the *General Conditions for Supply of Goods*.

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

D1.1 In addition to the *General Conditions for the Supply of Goods*, these Supplemental Conditions are applicable to the Work of the Contract.

D2. SCOPE OF WORK

D2.1 The Work to be done under the Contract shall consist of the supply and delivery of liquid ferric chloride for the period from January 1, 2013 until December 31, 2013, with the option of four (4) mutually agreed upon one (1) year extensions.

D2.1.1 The City may negotiate the extension with the Contractor within sixty (60) Calendar Days prior to the expiry date of the Contract. The City shall incur no liability to the Contractor as the result of such negotiations.

D2.1.2 Changes resulting from such negotiations shall become effective on January 1st of the respective year. Changes to the Contract shall not be implemented by the Contractor without written approval by the Contractor Administrator.

D2.2 The major components of the Work are as follows:

- (a) the supply and delivery of 700,000 kg/Fe of liquid ferric chloride to the Water Treatment Plant (WTP) by rail tank car.
- (b) the supply and delivery of 155,000 kg/Fe of liquid ferric chloride to the North End Water Pollution Control Centre (NEWPCC) by rail tank car.

D2.3 The Work shall be done on an "as required" basis during the term of the Contract:

D2.3.1 The type and quantity of Work to be performed under this Contract shall be as authorized from time to time by the Contract Administrator and/or Users.

D2.3.2 Notwithstanding C7, the City shall have no obligation under the Contract to purchase any quantity of any item in excess of its actual operational requirements.

D2.4 Notwithstanding D2.1 in the event that operational changes result in substantial changes to the requirements for the Work; the City reserves the right to alter the type or quantity of work performed under this Contract, or to terminate the contract upon (30) Calendar Days written notice by the Contract Administrator. In such an event no claim maybe made for damages on the grounds of loss or anticipated profit on the Work.

D3. CONTRACT ADMINISTRATOR

D3.1 The Contract Administrator is:

Dave Carr P. Eng.
Water Treatment Operations Support Engineer
Telephone No.: 204 986 2091
Facsimile No.: 204 986 2075

D4. OWNERSHIP OF INFORMATION, CONFIDENTIALITY AND NON DISCLOSURE

D4.1 The Contract, all deliverables produced or developed, and information provided to or acquired by the Contractor are the property of the City and shall not be appropriated for the Contractors own use, or for the use of any third party.

- D4.2 The Contractor shall not make any public announcements or press releases regarding the Contract, without the prior written authorization of the Contract Administrator.
- D4.3 The following shall be confidential and shall not be disclosed by the Contractor to the media or any member of the public without the prior written authorization of the Contract Administrator;
- (a) information provided to the Contractor by the City or acquired by the Contractor during the course of the Work;
 - (b) the Contract, all deliverables produced or developed; and
 - (c) any statement of fact or opinion regarding any aspect of the Contract.
- D4.4 A Contractor who violates any provision of D4 may be determined to be in breach of Contract Notices.

D5. NOTICES

- D5.1 Notwithstanding C21.3, all notices of appeal to the Chief Administrative Officer shall be sent to the attention of the Chief Financial Officer at the following facsimile number:
- The City of Winnipeg
Chief Financial Officer
Facsimile No.:204 949-1174

SUBMISSIONS

D6. AUTHORITY TO CARRY ON BUSINESS

- D6.1 The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

D7. INSURANCE

- D7.1 The Contractor shall provide and maintain the following insurance coverage:
- (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) inclusive, with The City of Winnipeg added as an additional insured; such liability policy to also contain a cross-liability clause, non-owned automobile liability and products and completed operations cover, to remain in place at all times during the performance of the Work;
 - (b) if applicable, Automobile Liability Insurance covering all motor vehicles, owned and operated and used or to be used by the Contractor directly or indirectly in the performance of the Work. The Limit of Liability shall not be less than \$2,000,000 inclusive for loss or damage including personal injuries and death resulting from any one accident or occurrence.
 - (c) the certificate of insurance must expressly state, "operations to include the delivery of chemicals"
- D7.2 Deductibles shall be borne by the Contractor.
- D7.3 The Contractor shall provide the Contract Administrator with a certificate(s) of insurance, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement of any Work but in no event later than the date specified in C4 for the return of the executed Contract.

D7.4 The Contractor shall not cancel, materially alter, or cause the policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the Contract Administrator.

D7.5 The City shall have the right to alter the limits and/or coverage's as reasonably required from time to time during the continuance of this agreement.

D8. MATERIAL SAFETY DATA SHEETS

D8.1 The Contractor shall provide the Contract Administrator with one (1) copy of Material Safety Data Sheets (MSDS's) for each product to be supplied under the Contract at least two (2) Business Days prior to the commencement of Work but in no event later than seven (7) Calendar Days from notification of the award of Contract.

D8.2 Throughout the term of the Contract, the Contractor shall provide the Contract Administrator with revisions or updates of the MSDS's as soon as may be reasonably possible.

SCHEDULE OF WORK

D9. COMMENCEMENT

D9.1 The Contractor shall not commence any Work until he/she is in receipt of a notice of award from the City authorizing the commencement of the Work.

D9.2 The Contractor shall not commence any Work until:

- (a) the Contract Administrator has confirmed receipt and approval of:
 - (i) evidence of authority to carry on business specified in D6;
 - (ii) evidence of the workers compensation coverage specified in C6.16;
 - (iii) evidence of the insurance specified in D7 and;
 - (iv) the Material Safety Data Sheets specified in D8.
- (b) the Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

D10. DELIVERY

D10.1 Goods shall be delivered by rail tank car on an "as required" basis during the term of the Contract f.o.b. destination prepaid to:

- (a) Water Treatment Plant (WTP);
Greater Winnipeg Water District Railway
St. Boniface Rail Yard
598 Plinguet Street
Winnipeg MB.
- (b) North End Water Pollution Control Centre (NEWPCC);
2230 Main Street
Winnipeg MB

D10.2 Goods shall be delivered as listed from the placing of an order, except where otherwise agreed at the time of ordering:

- (a) liquid ferric chloride shall be delivered within twenty (20) Calendar Days of an order.

D10.3 The Contractor shall confirm each delivery with the Contract Administrator or his/her designate, at least two (2) Business Days before delivery.

D10.4 The Contractor shall ensure that each rail tank car is tagged with the proper destination address.

- D10.5 The Contractor shall have sufficient rail tank cars in service so that cars can be in transit while a car is being emptied. Rail tank cars shall be dedicated to delivering the specified quality of liquid ferric chloride to avoid contamination.
- D10.6 The City will take care and control of the Goods at each point of delivery.
- D10.7 The City will transfer liquid ferric chloride rail tank cars from the Greater Winnipeg Water District Railway interchange track to the Water Treatment Plant Bulk Storage Building by way of the Greater Winnipeg Water District Railway
- D10.8 The Contractor is responsible for delivery of each liquid ferric chloride rail tank car into the North End Water Pollution Control Centre railcar shelter and providing notification of same to the User.
- D10.9 The City will provide services at the Water Treatment Plant and North End Water Pollution Control Centre for rail tank car unloading.

D11. UNLOADING PROCEDURE AT WATER TREATMENT PLANT (WTP)

- D11.1 The City will provide the following at the unloading rail site for the connection of compressed air and chemical unloading line:
- (a) hose c/w one (1) 25 mm Chicago fitting for compressed air for air padding;
 - (b) hose c/w 75 mm four (4) bolt stainless steel flange for offloading liquid ferric chloride.
- D11.2 The Contractor shall provide any additional equipment required, including but not limited to:
- (a) one (1) fitting c/w 25 mm air valve assembly, for connecting the air hose to the rail tank car, to suit the rail tank car;
 - (b) one (1) fitting c/w 75 mm four (4) bolt flange suitable to connect to the City's chemical unloading line.

D12. UNLOADING PROCEDURE AT NORTH END WATER CONTROL CENTRE (NEWPCC)

- D12.1 The City will provide the following facilities at the unloading platform in the railcar shelter for the connection of compressed air and chemical unloading line:
- (a) one (1) 25 mm Chicago fitting for compressed air;
 - (b) one (1) 75 mm four bolt PVC flange for the liquid ferric chloride;
 - (c) reasonable storage space for any Contractor's equipment.
- D12.2 The Contractor shall provide any additional equipment required, including but not limited to:
- (a) one (1) air valve assembly, connecting the air hose and rail tank car to suit the rail tank car;
 - (b) one (1) 25 mm compressed air hose approximately 3.3 to 3.6 metres long, with 25 mm Chicago fitting at one end suitable to connect to the City's compressed air fitting. The other end of the hose shall connect to the Contractor's air valve assembly by Chicago fittings, flanges or other means;
 - (c) one (1) chemical port, connecting the chemical hose and the rail tank car to suit the rail tank car;
 - (d) one (1) 75 mm chemical hose approximately 3.3 to 3.6 metres long, with a 75 mm flange at one end suitable to connect to the City's chemical unloading line. The other end of the hose shall connect to the rail tank car chemical port by flanges or other means;
 - (e) straps or other securing devices to fasten the air valve assembly and the chemical port to prevent a blow-out;
 - (f) two (2) sets of sample collection equipment;
 - (g) any other accessories required for compressed air rail tank car unloading operation.

D12.3 If different rail tank cars require different connections, the Contractor shall provide adapters.

D13. RAIL TANK CAR WEIGHT RESTRICTION

D13.1 The maximum gross weight of all loaded rail tank cars shall be one hundred and twenty (120) tonnes.

D13.2 The Contractor may “short load” cars to achieve this requirement.

D14. LIQUIDATED DAMAGES

D14.1 If the Contractor fails to achieve delivery of the goods within the time specified in D.10. Delivery the Contractor shall pay the City four thousand five hundred dollars (\$ 4,500.00) per Calendar Day for each and every Calendar Day until the goods have been delivered.

D14.2 The amount specified for liquidated damages in D14.1 is based on a genuine pre-estimate of the City's damages in the event that the Contractor does not achieve delivery by the day fixed herein for same.

D14.3 The City may reduce any payment to the Contractor by the amount of any liquidated damages assessed.

D14.4 If the Contractor fails to achieve delivery of the goods within the time specified in D10.2 (a), the City will immediately take whatever steps are necessary to obtain the chemicals. Further to C17.4 (c), additional costs in this regard will be charged to the Contractor and deducted from any amounts owing to the Contractor.

D15. DEMURRAGE

D15.1 The City shall retain each rail tank car in its possession for a period of ten (10) Calendar Days.

D15.2 Demurrage shall be charged for each Calendar Day in excess of ten (10) Calendar Days that the City retains possession of a rail tank car.

(a) if no Unit Price is identified on Form B: Prices, no demurrage charge shall apply

D15.3 The length of time a rail tank car is deemed to be in the possession of the City shall be:

(a) the time that a rail tank car is placed at the City's interchange track at the Greater Winnipeg Water District (GWWD) St. Boniface rail yard at 598 Plinguet Street; or the NEWPCC site at 2230 Main Street to the time the City notifies the Contractor that the rail tank car is released for removal

D15.4 Upon notification by the Contract Administrator or his duly authorized representative that a rail tank car is released for removal, the Contractor is responsible for the prompt removal of the car.

D15.5 Demurrage shall not accrue as a result of a delay in removal by the Contractor.

D16. TESTING

D16.1 The Contract Administrator or his duly authorized representative reserves the right to perform any of the tests and inspection requirements where such test and inspections are needed to further determine compliance with this specification.

D16.2 The City of Winnipeg reserves the right to sample and test each shipment of chemicals upon delivery and to reject shipments that do not conform to these specifications. Chemical not meeting the specification will be returned to the Contractor at his/her expense.

D17. ORDERS

D17.1 The Contractor shall provide a local Winnipeg telephone number or a toll-free telephone number at which orders for delivery may be placed.

D18. RECORDS

D18.1 The Contractor shall keep detailed records of the goods supplied under the Contract.

D18.2 The Contractor shall record, as a minimum, for each item listed on Form B: Prices:

- (a) user name(s) and addresses;
- (b) order date(s);
- (c) delivery date(s); and
- (d) description and quantity of goods supplied

D18.3 The Contractor shall provide the Contract Administrator with a copy of the usage records for each year within thirty (30) Calendar Days of the end of year one (1) and within thirty (30) Calendar Days at the end of any Contract extension period should the Contract be extended.

MEASUREMENT AND PAYMENT

D19. INVOICES

D19.1 Further to C10, the Contractor shall submit an invoice for each order delivered to:

The City of Winnipeg
Corporate Finance - Accounts Payable
4th Floor, Administration Building, 510 Main Street
Winnipeg MB R3B 1B9

Facsimile No.: 204- 949-0864

Email: CityWpgAP@winnipeg.ca

D19.2 Invoices must clearly indicate, as a minimum:

- (a) the City's purchase order number;
- (b) date of delivery;
- (c) delivery address;
- (d) type and quantity of goods delivered;
- (e) the amount payable with GST and MRST shown as separate amounts; and
- (f) the Contractor's GST registration number.

D19.3 The City will bear no responsibility for delays in approval of invoices which are improperly submitted.

D19.4 Bids Submissions must be submitted to the address in B6.5.

D20. PAYMENT

D20.1 Further to C10, the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

D20.2 Further to C10, payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Contractor's invoice.

WARRANTY

D21. WARRANTY

D21.1 Warranty is as stated in C11.

PART E - SPECIFICATIONS

GENERAL

E1. APPLICABLE SPECIFICATIONS AND DRAWINGS

- E1.1 These Specifications shall apply to the Work.
- E1.2 Bidders are reminded that requests for approval of substitutes as an approved equal or an approved alternative shall be made in accordance with B5.

E2. GOODS

- E2.1 The Contractor shall supply and deliver liquid ferric chloride in accordance with the requirements hereinafter specified.
- E2.2 The liquid ferric chloride furnished under this specification shall be suitable for addition to potable water for coagulation.
- E2.3 The liquid ferric chloride shall conform to the current version of the American Water Works Association (AWWA) Standard B407 for liquid ferric chloride, except as modified or supplemented herein.
- E2.4 The liquid ferric chloride supplied shall be tested and certified as meeting the specification of the American National Standards/National Sanitation Foundation Standard 60 (ANSI/NSF Standard 60) Drinking Water Treatment Chemicals-Health Effects.
- E2.5 A Certificate of Analysis shall be submitted by the Contractor for each liquid ferric chloride delivery to the City. The certificate shall be faxed to the Contract Administrator stated in D3.1 before unloading begins. The certification shall contain the following:
- | | | |
|--------|--|----------------|
| (i) | certification of analysis issue date | (Report) |
| (ii) | production lot number | (Report) |
| (iii) | date of manufacture | (Report) |
| (iv) | percent by weight ferric chloride | (37-42 %wt/wt) |
| (v) | specific gravity | (1.38 – 1.45) |
| (vi) | trivalent iron (Fe+++) | (12.8-14.1 %) |
| (vii) | divalent iron (Fe++) | (≤ 0.75 %) |
| (viii) | acidity (free acid as HCl) | (≤1.0 %wt/wt) |
| (ix) | total insoluble matter | (≤ 0.2 %wt/wt) |
| (x) | pH | (Report) |
| (xi) | documentation of ANSI/NSF 60 certification | |
- E2.6 No deliveries shall be accepted by the City unless accompanied by the Certificate of Analysis for the specific batch or lot of liquid ferric chloride delivered and the quantity specifications are met.
- E2.7 Liquid ferric chloride shall be loaded at a temperature that will not drop to below the crystallization point during transportation in cold weather.
- E2.8 Inspection by the City:
- it shall be the Contractor's responsibility to perform all tests and inspections required by this specification and to identify the source of the submitted chemical and physical composition.
 - the City or its duly authorized representative reserves the right to sample and test each shipment of chemical upon delivery and to reject shipments that do not conform to these specifications.

E2.9 The Contractor shall remove and replace any and all contaminated liquid ferric chloride within forty-eight (48) hours that fails to meet these specifications. Should the Contractor be unable to do so the phosphoric acid will be removed by the City and the cost for removal and disposal will be billed to the Contractor.

E3. EMERGENCY RESPONSE ASSISTANCE PLAN

E3.1 In the event of a rail tank car derailment along the City owned railway, the Contractor shall in cooperation with the governing body be prepared to mobilize and assist in the transfer of chemical from a derailed car to a replacement car. If required the City will enact its Emergency Response Plan by calling Manitoba Conservation twenty-four (24) hour emergency telephone number **204-945-4888**

E3.2 The Contractor shall designate a qualified supervisor as the on-site emergency response coordinator for the Work. The emergency response coordinator shall have the authority to coordinate response and clean-up activities with the City in the event of a spill. The Contractor should include reference to a site specific Emergency Response Plan and Environmental Protection Plan.

E3.3 The emergency response coordinator and City shall ensure that all environmental accidents involving contaminants shall be documented and reported to Manitoba Conservation according to The Dangerous Goods Handling and Transportation Act Environmental Accident Report Regulation 439/87. Rail accidents involving spills shall be reported to Transport Canada.

E3.4 The Contractor shall provide written instructions regarding the recommended methods for cleaning up the chemical. Such instructions shall include any recommended absorbents or chemicals to be used for neutralization, if applicable, and recommended tests to be performed, such as pH, to ascertain the effectiveness of the neutralization.