



**THE CITY OF WINNIPEG**

# **BID OPPORTUNITY**

**BID OPPORTUNITY NO. 197-2006**

**PROVISION OF ELM TREE INJECTIONS**

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## **PART B - BIDDING PROCEDURES**

### **B1. PROJECT TITLE**

B1.1 PROVISION OF ELM TREE INJECTIONS

### **B2. SUBMISSION DEADLINE**

B2.1 The Submission Deadline is 12:00 noon Winnipeg time, April 13, 2006.

B2.2 Bid Submissions 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 D4.1.

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 notify the Contract Administrator of the error, discrepancy or omission, or request a clarification as to the meaning or intent of the provision at least five (5) Business Days prior to the Submission Deadline.

B3.3 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.

B3.4 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.

B3.5 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 Branch internet site at <http://www.winnipeg.ca/matmgt>.

B4.2.2 The Bidder is responsible for ensuring that he has received all addenda and is advised to check the Materials Management Branch internet site for addenda shortly before submitting his Bid.

B4.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 8 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 Plant, Materials and methods 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 five (5) 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 Plant, Material or method 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 proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance;
  - (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 proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance.
- B5.5 The Contract Administrator, after assessing the request for approval of a substitute, may in his 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 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 shall base his 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 Total Bid Price because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.

**B6. BID SUBMISSION**

- B6.1 The Bid Submission consists of the following components:
- (a) Form A: Bid;
  - (b) Form B: Prices.
- B6.2 All components of the Bid Submission 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.
- B6.3 The Bid Submission shall be submitted enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address.
- B6.3.1 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.
- B6.4 Bid Submissions submitted by facsimile transmission (fax) or internet electronic mail (e-mail) will not be accepted.
- B6.5 Bid Submissions shall be submitted to:
- The City of Winnipeg  
Corporate Finance Department  
Materials Management Branch  
185 King Street, Main Floor  
Winnipeg MB R3B 1J1

**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 own name, his 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 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 10 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 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 and the corporate seal, if the corporation has one, should be affixed;
- (d) if the Bidder is carrying on business under a name other than his 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 shall be printed below such signatures.

B7.4.2 All signatures shall be original and shall be witnessed except where a corporate seal has been affixed.

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 Submission 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 Notwithstanding GC.9.01(1), prices on Form B: Prices shall not include the Goods and Services Tax (GST) or Manitoba Retail Sales Tax (MRST, also known as PST), 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;
- (b) be responsible and not be suspended, debarred or in default of any obligation to the City;
- (c) be financially capable of carrying out the terms of the Contract;
- (d) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract;
- (e) have successfully carried out work, similar in nature, scope and value to the Work;
- (f) employ only Subcontractors who:
  - (i) are responsible and not suspended, debarred or in default of any obligation 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 Branch internet site at <http://www.winnipeg.ca/matmgt>); and
  - (ii) have successfully carried out work similar in nature, scope and value to the portion of the Work proposed to be subcontracted to them, and are fully capable of performing the Work required to be done in accordance with the terms of the Contract;

- (g) have a written workplace safety and health program in accordance with The Workplace Safety and Health Act (Manitoba).

B9.2 The Bidder shall be prepared to 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.

B9.3 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 Bid Submissions will be opened publicly, after the Submission Deadline has elapsed, in the office of the Corporate Finance Department, Materials Management Branch, or in such other office as may be designated by the Manager of Materials.

B10.1.1 Bidders or their representatives may attend.

B10.2 After the public opening, the names of the Bidders and their Total Bid Prices as read out (unevaluated, and pending review and verification of conformance with requirements) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site 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 Branch internet site at <http://www.winnipeg.ca/matmgt>.

B10.4 The Bidder is advised that any information contained in any Bid Submission 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 9 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 9 of Form A: Bid.

## **B12. WITHDRAWAL OF BIDS**

B12.1 A Bidder may withdraw his Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.

B12.1.1 Notwithstanding GC.7.06(2), 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 10 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 shall:

- (a) retain the Bid Submission until after the Submission Deadline has elapsed;
- (b) open the Bid Submission to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 10 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 Bid after the Submission Deadline but before his 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 (pass/fail);
- (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B9 (pass/fail);
- (c) Total Bid Price, where the unit price is based on a calculation of the number of trees X by an average size of 60cm.
- (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 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 Bid Submission or in other information required to be submitted, that he 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 average size of tree (60 cm) then 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.

B13.5 This Contract will be awarded as a whole.

### **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.

B14.4 Notwithstanding GC.3.01 and GC.3.02, 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 GC.1.01(7), 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**

### **C1. GENERAL CONDITIONS**

C1.1 The *General Conditions for Provision of Services* (Revision 1996 02 05) are applicable to the Work of the Contract.

C1.1.1 The *General Conditions for Provision of Services* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site at <http://www.winnipeg.ca/matmgt>.

## PART D - SUPPLEMENTAL CONDITIONS

### GENERAL

#### D1. GENERAL CONDITIONS

- D1.1 In addition to the *General Conditions for Provision of Services*, these Supplemental Conditions are applicable to the Work of the Contract.
- D1.2 The General Conditions are amended by striking out "The City of Winnipeg Act" wherever it appears in the General Conditions and substituting "The City of Winnipeg Charter".
- D1.3 The General Conditions are amended by striking out "Board of Commissioners" or "Commissioner" wherever it appears in the General Conditions and substituting the "Chief Administrative Officer".
- D1.4 The General Conditions are amended by striking out "Tender Package" wherever it appears in the General Conditions and substituting "Bid Opportunity".
- D1.5 The General Conditions are amended by striking out "Tender Submission" wherever it appears in the General Conditions and substituting "Bid Submission".
- D1.6 The General Conditions are amended by striking out "Bidding Instructions" wherever it appears in the General Conditions and substituting "Bidding Procedures".

#### D2. SCOPE OF WORK

- D2.1 The Work to be done under the Contract shall consist of the provision of elm tree injections for the period of June 1, 2006 to October 15, 2006.
- D2.2 The major components of the Work are as follows:
- (a) Preventative Elm Tree Injections;
  - (b) Therapeutic Injection including pruning;
  - (c) Proper removal of all incidental debris resulting from operation.
- 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 Subject to GC.4.07, the City shall have no obligation under the Contract to purchase any quantity of any item in excess of its actual operational requirements.
- D2.3.3 Work shall commence within two (2) Working Days of the placing of an order, except where otherwise agreed at the time of ordering.
- D2.3.4 Work may be performed seven (7) days a week if the Contractor deems it appropriate.

#### D3. DEFINITIONS

- D3.1 When used in this Bid Opportunity:
- (a) "**Business Day**" means any Calendar Day, other than a Saturday, Sunday, or a Statutory or Civic Holiday;
  - (b) "**Submission Deadline**" and "**Time and Date Set for the Final Receipt of Bids**" mean the time and date set out in the Bidding Procedures for final receipt of Bids;

- (c) "**User**" means a person, department or other administrative unit of the City authorized by the Contract Administrator to order Work under this Contract;

**D4. CONTRACT ADMINISTRATOR**

- D4.1 The Contract Administrator is:

Gerry Kuta  
Forestry Technician II  
401 Pandora Ave W.  
Winnipeg, Manitoba R2C 1M7  
Telephone No. (204) 986-2008  
Facsimile No. (204) 222-2839

- D4.2 At the pre-commencement meeting, the Contract Administrator will identify additional personnel representing the Contract Administrator and their respective roles and responsibilities for the Work.

**D5. CONTRACTOR'S SUPERVISOR**

- D5.1 At the pre-commencement meeting, the Contractor shall identify his designated supervisor and any additional personnel representing the Contractor and their respective roles and responsibilities for the Work.

**D6. NOTICES**

- D6.1 GC.7.06 is hereby amended to delete reference to "registered mail" and to replace same with "ordinary mail".

- D6.2 GC.7.06 is further amended hereby to include delivery by facsimile transmission (fax) as an acceptable means of delivering notices, consents, approvals, statements, authorizations, documents or other communications required or permitted to be given under this Contract. Deliveries by fax will be deemed to have been received on the day of delivery, if a business day, or if not a business day, on the business day next following the day of delivery.

- D6.3 Further to GC.7.06, all notices, consents, approvals, statements, authorizations, documents or other communications to the City, except as expressly otherwise required in D6.4, D6.5 or elsewhere in the Contract, shall be sent to the attention of the Contract Administrator at the address or facsimile number identified in D4.1.

- D6.4 All notices of appeal to the Chief Administrative Officer shall be sent to the attention of the Chief Financial Officer at the following address or facsimile number:

The City of Winnipeg  
Chief Administrative Officer Secretariat  
Administration Building, 3rd Floor  
510 Main Street  
Winnipeg MB R3B 1B9  
Facsimile No.: (204) 949-1174

- D6.5 All notices, requests, nominations, proposals, consents, approvals, statements, authorizations, documents or other communications required to be submitted or returned to the City Solicitor shall be sent to the following address or facsimile number:

The City of Winnipeg  
Corporate Services Department  
Legal Services Division

185 King Street, 3rd Floor  
Winnipeg MB R3B 1J1  
Facsimile No.: (204) 947-9155

## **SUBMISSIONS**

### **D7. AUTHORITY TO CARRY ON BUSINESS**

D7.1 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.

### **D8. WORKERS COMPENSATION**

D8.1 The Contractor shall be registered with the Workers Compensation Board of Manitoba, shall provide and maintain Workers Compensation coverage throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

### **D9. INSURANCE**

D9.1 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) all inclusive, with The City of Winnipeg being added as an additional insured, with a cross-liability clause, such liability policy to also contain a contractual liability, an unlicensed motor vehicle liability and a products and completed operations endorsement to remain in place at all times during the performance of the Work and throughout the warranty period;
- (b) automobile liability insurance for owned and non-owned automobiles used for or in connection with the Work in the amount of at least two million dollars (\$2,000,000.00) at all times during the performance of the Work and until the date of Total Performance.

D9.2 Deductibles shall be borne by the Contractor.

D9.3 The Contractor shall provide the Contract Administrator with a certificate of insurance of each policy at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than seven (7) Calendar Days from notification of the award of Contract.

D9.4 The Contractor shall not cancel, materially alter, or cause each policy to lapse without providing at least fifteen (15) Calendar Days prior written notice to the Contract Administrator.

## **CONTROL OF WORK**

### **D10. COMMENCEMENT**

D10.1 The Contractor shall not commence any Work until he is in receipt of a purchase order authorizing the commencement of the Work.

D10.2 The Contractor shall not commence any Work on the Site until:

- (a) the Contract Administrator has confirmed receipt and approval of:

- (i) evidence that the Contractor is 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;
  - (ii) evidence of the workers compensation coverage specified in D8;
  - (iii) evidence of the insurance specified in D9; and
- (b) the Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

## **D11. ORDERS**

- D11.1 The Contractor shall provide a local Winnipeg telephone number or a toll-free telephone number at which orders for service may be placed.
- D11.2 The Contractor shall make provisions to receive orders, by any of the means identified in D11.1 above, at all times between 8:30 a.m. and 4:30 p.m. on Business Days.
- D11.3 The Contractor shall make provisions for a live representative to be contacted directly from 8:00 a.m. to 4:30 p.m., for concerns and/or emergencies and special situations that may arise.
- (a) Pagers, answering machine and other delayed response methods are not acceptable.

## **D12. RECORDS**

- D12.1 The Contractor shall keep detailed records of the services supplied under the Contract.
- D12.2 The Contractor shall record, as a minimum, for each tree injected:
- (a) A completed "Dutch Elm Disease Injection Data Sheet", containing information as per form attached.
- D12.3 The Contractor shall provide the Contract Administrator or designate with a copy of above noted form within fifteen (15) Calendar Days of a request.

## **MEASUREMENT AND PAYMENT**

### **D13. INVOICES**

- D13.1 Further to GC.9.01 and notwithstanding GC.9.03, the Contractor shall submit an invoice for the Work performed pursuant to each order.
- D13.2 Further to D6.3, the Contractor shall submit invoices to the locations designated at the time of ordering.
- D13.3 Invoices must clearly indicate, as a minimum:
- (a) the City's order number;
  - (b) date(s) of provision of services;
  - (c) location at which service was provided;
  - (d) type and quantity of services provided;
  - (e) the amount payable with GST and MRST shown as separate amounts; and
  - (f) the Contractor's GST registration number.
- D13.4 The City will bear no responsibility for delays in approval of invoices which are improperly submitted.

**D14. PAYMENT**

- D14.1 Further to GC.9.01 and GC.9.03, payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Contractor's invoice.

**WARRANTY**

**D15. WARRANTY**

- D15.1 Notwithstanding GC.10.01 and GC.10.02, the warranty period for each item of Work supplied shall begin on the date of successful delivery and shall expire one (1) year thereafter unless extended pursuant to D15.2, in which case it shall expire when provided for thereunder.
- D15.2 Further to GC.10.01, if a defect or deficiency prevents the full and normal use or operation of the Work or any portion thereof, for purposes of calculating the warranty period, time shall be deemed to cease to elapse for the defective or deficient portion, and for any portion of the Work whose use or operation is prevented by such defect or deficiency, as of the date on which the defect or deficiency is observed or the use or operation is prevented and shall begin to run again when the defect or deficiency has been corrected or the Work may be used or operated to the satisfaction of the Contract Administrator.
- D15.3 Notwithstanding GC.10.01, GC.10.02 and D15.2, if any law of Manitoba or of the jurisdiction in which the Work was manufactured requires, or if the manufacturer provides, a longer warranty period or a warranty which is more extensive in its nature, then the provisions of such law or manufacturer's warranty shall apply.

## PART E - SPECIFICATIONS

### GENERAL

#### E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E1.2 The Contractor shall comply with all Federal and Provincial laws and regulations and all City of Winnipeg by-laws. This shall include but not be limited to all aspects of the Manitoba Workplace Health and Safety Act and laws/by-laws affecting streets, safety, hours of work, noise, street blockage, correct use of signage and line clearance regulations of Manitoba Hydro, and Manitoba Telephone System.

#### E2. SERVICES

E2.1 The Contractor shall provide Elm Tree Injections in accordance with the requirements hereinafter specified.

E2.2 The Contractor shall inject 225 (more or less) trees at locations to be approved mutually by both the Contractor and The City Forester or his designate on an "as required" basis.

E2.3 The Contractor shall begin injection within 48 hours (72 hours if weekend involved) of notification of tree location approval.

E2.4 The Contractor shall inject trees in a manner satisfactory to The City Forester or his designate, and furthermore, agrees that the above said operation may be inspected periodically as injections are being performed and that samples of the chemical concentrate and/or the mixed chemical may be taken at any time.

E2.5 The Contractor shall contact The City Forester or his designate by telephone at 986-2008 at least twice per week to receive additional tree locations and other pertinent information.

E2.6 The Contractor shall inform The City forester or his designate, by telephone at 986-2008 before 9:00 a.m., prior to and after each injection, of the time, date and location of each injection.

E2.7 The Contractor shall inject, according to the label directions of the chemical being applied, the dosage required for therapeutic purposes, and/or for prevention for the longest time period available as the situation warrants, in accordance with accepted techniques and in compliance with all municipal, provincial and federal laws and regulations. Damage to trees, other than injection wounds, is not permitted. Chemical spillage of any kind is not permitted.

E2.8 The Contractor shall arrange and be responsible for the required pruning and debris disposal of trees that are therapeutically injected according to accepted practices. Trees 38 cm DBH and less should be pruned of infected parts at the trunk just prior to injection. Trees greater than 38 cm DBH should be pruned of infected branches 2-3 weeks after injection except if the infected branch is in the lower third of the crown in which case it should be pruned just prior to injection as for smaller trees.

E2.9 The Contractor shall supply all required equipment, materials and labour necessary to properly perform the requirements of this Contract.

E2.10 The Contractor shall permanently mark each injected tree with a sequentially numbered metal tag securely nailed to the tree.

E2.11 The Contractor shall remove all incidental debris resulting from the operation.

- E2.12 The Contractor shall repair and restore turf to existing grade and condition if excavation is required.
- E2.13 The Contractor shall provide, for each tree injected, a completed Dutch Elm Disease Injection Data Sheet containing information as per attached sample.
- E2.14 Preventative injection, shall be with a fungicide legally registered in Canada for injection control of Dutch Elm Disease, guaranteed for three (3) years, and priced per centimetre of diameter at breast height (D.B.H.). Breast height shall be 1.4m above ground level.
- E2.15 Therapeutic injection including pruning, shall be with a fungicide legally registered in Canada for injection control of Dutch Elm Disease, priced per centimetre of diameter at breast height (D.B.H.). Breast height shall be 1.4m above ground level.

### **E3. APPROVED PRODUCTS**

- E3.1 Arbortect 20-S: (prevention and therapeutic treatment of Dutch Elm Disease)
- E3.2 Eertavas: (prevention and therapeutic treatment of Dutch Elm Disease)

### **E4. EQUIPMENT, SUPPLIES AND MACHINERY**

- E4.1 The Contractor shall have available for this project and to maintain in working condition, to be confirmed by inspection if warranted, such equipment, supplies and machinery as deemed necessary by The City Forester to fulfill contractual obligations.

### **E5. SIGNAGE**

- E5.1 To ensure that citizens have the opportunity to avoid trees that have been treated with fungicide, signage will be provided as follows:
- (a) On Site Signage:
    - (i) The Contractor will post signage on or near the boulevard, park, or open space before treatment where there is a risk of citizens coming in contact with the injected product.
  - (b) Signage Type/Symbol Information:
    - (i) The style of sign to be utilized in the fungicide-spraying program is a yellow corrugated cardboard material with black information lettering stating "Caution, Tree Injection Treatment, Avoid Contact With Treated Tree ". The symbol is the figure of a person with a diagonal slash across the figure. Information on signs to include date posted, date treated, fungicide used, registration number of the fungicide, what the fungicide is intended to control and the injection company's telephone number.
  - (c) 5.3 Signage Size:
    - (i) Is 8" x 12". All signage for the Tree Injection will include all information as listed in 5.2.
  - (d) Posting Process:
    - (i) Posting of signage will occur prior to fungicide injection and is to remain posted for a minimum twenty-four hour period after treatment.
  - (e) Sign Location:
    - (i) All normal access pathways to the tree(s) being injected and along sidewalks/roadways adjacent to injected trees will be posted with signage.
  - (f) Injection Equipment Signage:

- (i) While injecting, all injection equipment will have clearly visible signage stating "Caution, Tree Injection In Progress, Avoid Contact With Treated Area".

**E6. DUTCH ELM DISEASE INJECTION DATA - SHEET**

1. APPLICATORS NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_  
  
DATA COLLECTED BY: \_\_\_\_\_

2. TREE DATA: TREE NO. \_\_\_\_\_ D.B.H. \_\_\_\_\_ HEIGHT \_\_\_\_\_ (M)

TREE LOCATION: \_\_\_\_\_ MAP

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE OF FIRST SIGHTING AND/OR CONDITION: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

3. INJECTION DATA: DATE: \_\_\_\_\_ WEATHER: \_\_\_\_\_

DISEASE DESCRIPTION AT TIME OF INJECTION: \_\_\_\_\_

\_\_\_\_\_  
NO. OF INJECTION POINTS: FLARE: \_\_\_\_\_ ROOT: \_\_\_\_\_ TRUNK: \_\_\_\_\_

CHEMICAL NAME: \_\_\_\_\_ CHEMICAL CONCENTRATION : \_\_\_\_\_ PPM

TOTAL UPTAKE: CHEMICAL: \_\_\_\_\_ (MLS) WATER: \_\_\_\_\_ (L)

4. COMMENTS: \_\_\_\_\_

5. SIGNATURE OF APPLICATOR: \_\_\_\_\_

E6.1

## E7. LOCATIONS

E7.1 The following locations are provided for information purposes only. The City reserves the right to add or delete locations as required for the duration of this Contract.

TREENO	DBH	HT	LOCATION
1713	70	17	ASSINIBOINE PARK ACROSS FROM FORMAL GARDENS
1714	62	15	ASSINIBOINE PARK ACROSS FROM FORMAL GARDENS
1704	103	17	ASSINIBOINE PARK ALONG BIKE PATH
2263	74	15	ASSINIBOINE PARK ALONG BIKE PATH
418	78	15	ASSINIBOINE PARK DUCK POND
2258	33	10	ASSINIBOINE PARK E/O PAVILION W/O INT OF CENTER AND PERIMETER DR
2258	33	10	ASSINIBOINE PARK E/O PAVILION W/O INT OF CENTER AND PERIMETER DR
1701	54	15	ASSINIBOINE PARK N/O INTERSECTION OF PERIMETER AND CENTRE DRIVE
1702	69	17	ASSINIBOINE PARK N/O INTERSECTION OF SOUTH AND CENTER DRIVE
1710	75	15	ASSINIBOINE PARK N/O PAVILION
1711	78	15	ASSINIBOINE PARK N/O PAVILION
1712	71	15	ASSINIBOINE PARK N/O PAVILION
2264	68	15	ASSINIBOINE PARK N/O PAVILION
1708	118	17	ASSINIBOINE PARK N/O PAVILION SW/O FOOT BRIDGE
2262	81	17	ASSINIBOINE PARK NE/O INT OF SOUTH AND CENTER DR
1705	64	15	ASSINIBOINE PARK NE/O INTERSECTION OF SOUTH AND CENTER DR
2260	60	12	ASSINIBOINE PARK S/O INT OF CENTER AND PERIMETER DR
2261	47	12	ASSINIBOINE PARK S/O INT OF CENTER AND PERIMETER DR
1706	44	12	ASSINIBOINE PARK S/O INTERSECTION OF CENTER AND PERIMETER DR
1707	71	12	ASSINIBOINE PARK S/O PAVILION
2259	51	12	ASSINIBOINE PARK SOUTHSIDE CENTER DR XFR PAVILION
419	71	15	ASSINIBOINE PARK VOLLEYBALL COURTS
421	68	15	ASSINIBOINE PARK VOLLEYBALL COURTS
1715	64	15	ASSINIBOINE PARK VOLLEYBALL COURTS
2265	58	15	ASSINIBOINE PARK ZOO OFFICE
2266	78	15	ASSINIBOINE PARK ZOO OFFICE
6	96	17	ASSINIBOINE PARK, ALONG BIKE PATH
228	130	17	ASSINIBOINE PARK, ALONG BIKE PATH
238	65	15	ASSINIBOINE PARK, ALONG BIKE PATH
239	58	15	ASSINIBOINE PARK, ALONG BIKE PATH
209	37	12	ASSINIBOINE PARK, E/O PAVILLION, W/O INT CENTER & PERIMETER
205	44	10	ASSINIBOINE PARK, E/O PAVILLION, W/O INT OF CENTER & PERIMETER DR
208	48	12	ASSINIBOINE PARK, E/O PAVILLION, W/O INT OF CENTER & PERIMETER DR
2001	50	10	ASSINIBOINE PARK, FORMAL GARDENS
2002	49	12	ASSINIBOINE PARK, FORMAL GARDENS
2003	62	12	ASSINIBOINE PARK, FORMAL GARDENS
2004	40	10	ASSINIBOINE PARK, FORMAL GARDENS
2005	49	12	ASSINIBOINE PARK, FORMAL GARDENS
2006	50	12	ASSINIBOINE PARK, FORMAL GARDENS
2007	49	12	ASSINIBOINE PARK, FORMAL GARDENS
2008	55	12	ASSINIBOINE PARK, FORMAL GARDENS
2009	35	8	ASSINIBOINE PARK, FORMAL GARDENS
2010	49	10	ASSINIBOINE PARK, FORMAL GARDENS
2011	40	10	ASSINIBOINE PARK, FORMAL GARDENS
2012	52	10	ASSINIBOINE PARK, FORMAL GARDENS
2013	44	10	ASSINIBOINE PARK, FORMAL GARDENS
2014	41	12	ASSINIBOINE PARK, FORMAL GARDENS
2015	51	12	ASSINIBOINE PARK, FORMAL GARDENS
2016	45	12	ASSINIBOINE PARK, FORMAL GARDENS

2017	50	15	ASSINIBOINE PARK, FORMAL GARDENS
2018	51	12	ASSINIBOINE PARK, FORMAL GARDENS
2019	53	15	ASSINIBOINE PARK, FORMAL GARDENS
2020	69	15	ASSINIBOINE PARK, FORMAL GARDENS
2021	62	12	ASSINIBOINE PARK, FORMAL GARDENS
2022	52	15	ASSINIBOINE PARK, FORMAL GARDENS
2023	53	15	ASSINIBOINE PARK, FORMAL GARDENS
2024	50	15	ASSINIBOINE PARK, FORMAL GARDENS
2025	52	15	ASSINIBOINE PARK, FORMAL GARDENS
2026	54	15	ASSINIBOINE PARK, FORMAL GARDENS
2027	40	12	ASSINIBOINE PARK, FORMAL GARDENS
2028	52	12	ASSINIBOINE PARK, FORMAL GARDENS
2029	46	12	ASSINIBOINE PARK, FORMAL GARDENS
2030	51	12	ASSINIBOINE PARK, FORMAL GARDENS
2031	43	12	ASSINIBOINE PARK, FORMAL GARDENS
2032	48	12	ASSINIBOINE PARK, FORMAL GARDENS
2033	48	12	ASSINIBOINE PARK, FORMAL GARDENS
2034	48	12	ASSINIBOINE PARK, FORMAL GARDENS
2035	42	12	ASSINIBOINE PARK, FORMAL GARDENS
2036	64	15	ASSINIBOINE PARK, FORMAL GARDENS
2037	44	12	ASSINIBOINE PARK, FORMAL GARDENS
2038	44	12	ASSINIBOINE PARK, FORMAL GARDENS
2039	48	12	ASSINIBOINE PARK, FORMAL GARDENS
2040	50	12	ASSINIBOINE PARK, FORMAL GARDENS
2041	51	15	ASSINIBOINE PARK, FORMAL GARDENS
2042	48	12	ASSINIBOINE PARK, FORMAL GARDENS
2043	41	15	ASSINIBOINE PARK, FORMAL GARDENS
2044	45	15	ASSINIBOINE PARK, FORMAL GARDENS
2045	50	15	ASSINIBOINE PARK, FORMAL GARDENS
2046	53	15	ASSINIBOINE PARK, FORMAL GARDENS
2047	45	15	ASSINIBOINE PARK, FORMAL GARDENS
2048	50	15	ASSINIBOINE PARK, FORMAL GARDENS
2049	52	15	ASSINIBOINE PARK, FORMAL GARDENS
2050	45	15	ASSINIBOINE PARK, FORMAL GARDENS
2051	60	15	ASSINIBOINE PARK, FORMAL GARDENS
2052	48	15	ASSINIBOINE PARK, FORMAL GARDENS
2053	47	15	ASSINIBOINE PARK, FORMAL GARDENS
2054	52	15	ASSINIBOINE PARK, FORMAL GARDENS
2055	68	15	ASSINIBOINE PARK, FORMAL GARDENS
2056	48	15	ASSINIBOINE PARK, FORMAL GARDENS
2057	39	15	ASSINIBOINE PARK, FORMAL GARDENS
2058	66	15	ASSINIBOINE PARK, FORMAL GARDENS
2059	55	15	ASSINIBOINE PARK, FORMAL GARDENS
2060	42	12	ASSINIBOINE PARK, FORMAL GARDENS
2061	53	15	ASSINIBOINE PARK, FORMAL GARDENS
2062	41	12	ASSINIBOINE PARK, FORMAL GARDENS
2063	61	15	ASSINIBOINE PARK, FORMAL GARDENS
2064	43	12	ASSINIBOINE PARK, FORMAL GARDENS
2065	51	12	ASSINIBOINE PARK, FORMAL GARDENS
2066	57	15	ASSINIBOINE PARK, FORMAL GARDENS
2067	45	12	ASSINIBOINE PARK, FORMAL GARDENS
2068	54	15	ASSINIBOINE PARK, FORMAL GARDENS
2069	59	15	ASSINIBOINE PARK, FORMAL GARDENS
2070	58	15	ASSINIBOINE PARK, FORMAL GARDENS
2071	58	15	ASSINIBOINE PARK, FORMAL GARDENS
2072	51	12	ASSINIBOINE PARK, FORMAL GARDENS
2073	51	12	ASSINIBOINE PARK, FORMAL GARDENS

2074	49	12	ASSINIBOINE PARK, FORMAL GARDENS
2075	44	12	ASSINIBOINE PARK, FORMAL GARDENS
2076	53	15	ASSINIBOINE PARK, FORMAL GARDENS
2077	44	12	ASSINIBOINE PARK, FORMAL GARDENS
2078	44	12	ASSINIBOINE PARK, FORMAL GARDENS
2079	47	12	ASSINIBOINE PARK, FORMAL GARDENS
2080	52	15	ASSINIBOINE PARK, FORMAL GARDENS
2081	55	15	ASSINIBOINE PARK, FORMAL GARDENS
2082	50	12	ASSINIBOINE PARK, FORMAL GARDENS
2083	59	15	ASSINIBOINE PARK, FORMAL GARDENS
2084	44	12	ASSINIBOINE PARK, FORMAL GARDENS
2085	64	12	ASSINIBOINE PARK, FORMAL GARDENS
2086	51	12	ASSINIBOINE PARK, FORMAL GARDENS
2087	66	15	ASSINIBOINE PARK, FORMAL GARDENS
2088	36	10	ASSINIBOINE PARK, FORMAL GARDENS
2089	52	12	ASSINIBOINE PARK, FORMAL GARDENS
2090	50	12	ASSINIBOINE PARK, FORMAL GARDENS
2091	50	12	ASSINIBOINE PARK, FORMAL GARDENS
2092	52	12	ASSINIBOINE PARK, FORMAL GARDENS
2093	56	15	ASSINIBOINE PARK, FORMAL GARDENS
2094	58	15	ASSINIBOINE PARK, FORMAL GARDENS
2095	41	12	ASSINIBOINE PARK, FORMAL GARDENS
2096	60	15	ASSINIBOINE PARK, FORMAL GARDENS
2097	41	15	ASSINIBOINE PARK, FORMAL GARDENS
2098	56	15	ASSINIBOINE PARK, FORMAL GARDENS
2099	43	15	ASSINIBOINE PARK, FORMAL GARDENS
2100	47	15	ASSINIBOINE PARK, FORMAL GARDENS
2201	48	15	ASSINIBOINE PARK, FORMAL GARDENS
2202	60	12	ASSINIBOINE PARK, FORMAL GARDENS
2203	54	12	ASSINIBOINE PARK, FORMAL GARDENS
2204	41	12	ASSINIBOINE PARK, FORMAL GARDENS
2205	44	12	ASSINIBOINE PARK, FORMAL GARDENS
2267	42	12	ASSINIBOINE PARK, FORMAL GARDENS
402	61	15	ASSINIBOINE PARK, N/O INT OF SOUTH CENTER DR
215	68	17	ASSINIBOINE PARK, N/O INT PERIMETER & CENTER DR
217	84	15	ASSINIBOINE PARK, N/O INT SOUTH & CENTER DR
403	56	15	ASSINIBOINE PARK, NE OF INT OF SOUTH & CENTER DR
404	92	15	ASSINIBOINE PARK, NE OF INT OF SOUTH & CENTER DR
405	79	15	ASSINIBOINE PARK, NE OF INT OF SOUTH & CENTER DR
223	112	15	ASSINIBOINE PARK, NE/O INT SOUTH & CENTER DR
417	76	15	ASSINIBOINE PARK, NORTH OF PAVILLION
415	61	12	ASSINIBOINE PARK, S/O INT OF CENTER AND PERIMETER DR
407	50	12	ASSINIBOINE PARK, SOUTH OF INT OF CENTER & PERIMETER DR
408	49	12	ASSINIBOINE PARK, SOUTH OF INT OF CENTER AND PERIMETER DR
409	42	12	ASSINIBOINE PARK, SOUTH OF INT OF CENTER AND PERIMETER DR
410	44	12	ASSINIBOINE PARK, SOUTH OF INT OF CENTER AND PERIMETER DR
414	64	15	ASSINIBOINE PARK, SOUTH OF INT OF CENTER AND PERIMETER DR
235	76	15	ASSINIBOINE PARK, VOLLEYBALL COURTS
210	56	15	ASSINIBOINE PARK, XFR FORMAL GARDENS
213	47	12	ASSINIBOINE PARK, XFR FORMAL GARDENS
1603	56	15	KILDONAN PARK, ACROSS FROM WITCHES HUT
2277	57	15	KILDONAN PARK, ACROSS FROM WITCHES HUT
1601	45	15	KILDONAN PARK, ACROSS FROM WITNES HUT
1613	69	15	KILDONAN PARK, FLOWER GARDEN
1614	100	17	KILDONAN PARK, FLOWER GARDEN
898	70	1	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1610	65	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT

1611	74	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1612	56	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1615	95	17	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1616	62	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1617	94	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1618	52	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1619	72	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1620	55	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1621	70	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1622	72	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1623	58	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1624	92	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1625	104	17	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1627	72	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1628	79	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1629	61	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1630	51	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1632	70	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1633	78	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1635	68	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1636	76	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1637	92	17	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1639	94	17	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1640	67	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1641	64	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1643	57	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1644	68	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1647	72	17	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1648	80	17	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1650	69	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
2278	63	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
2279	63	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
2280	54	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT
1642	93	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT AT PICNIC AREA
2250	63	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT, AT PICNIC AREA
2276	103	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT, AT PICNIC AREA
2281	65	15	KILDONAN PARK, NORTH OF CREEK AT WITCHES HUT, NW OF SOCCER FEILD
1605	41	15	KILDONAN PARK, WITCHES HUT
1606	46	15	KILDONAN PARK, WITCHES HUT
1607	53	15	KILDONAN PARK, WITCHES HUT
1608	89	17	KILDONAN PARK, WITCHES HUT
1609	52	15	KILDONAN PARK, WITCHES HUT
1626	69	15	KILDONAN PARK, WITCHES HUT
2236	69	15	WELLINGTON CRES @ INT OF CORDOVA
2237	58	12	WELLINGTON CRES @ INT OF CORDOVA
2216	43	12	WELLINGTON CRES @ OAK ST
2213	65	12	WELLINGTON CRES MEDIAN XFR 1001
2214	69	15	WELLINGTON CRES MEDIAN XFR 1015
2217	42	12	WELLINGTON CRES MEDIAN XFR 1020
2219	52	12	WELLINGTON CRES MEDIAN XFR 1020
2215	52	12	WELLINGTON CRES MEDIAN XFR 1021
2218	47	12	WELLINGTON CRES MEDIAN XFR 1021
2221	59	12	WELLINGTON CRES MEDIAN XFR 1030
2225	57	15	WELLINGTON CRES MEDIAN XFR 1034
2226	51	10	WELLINGTON CRES MEDIAN XFR 1034
2220	38	8	WELLINGTON CRES MEDIAN XFR 1036
2222	51	10	WELLINGTON CRES MEDIAN XFR 1045

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2223	49	8	WELLINGTON CRES MEDIAN XFR 1055
2224	68	15	WELLINGTON CRES MEDIAN XFR 1055
2227	48	8	WELLINGTON CRES MEDIAN XFR 1084
2228	61	10	WELLINGTON CRES MEDIAN XFR 1084
2229	59	10	WELLINGTON CRES MEDIAN XFR 1084
2230	69	12	WELLINGTON CRES MEDIAN XFR 1105
2231	65	12	WELLINGTON CRES MEDIAN XFR 1106
2232	65	15	WELLINGTON CRES MEDIAN XFR 1151
2233	42	8	WELLINGTON CRES MEDIAN XFR 1151
2234	69	12	WELLINGTON CRES MEDIAN XFR 1209
2235	44	8	WELLINGTON CRES MEDIAN XFR 1209
2238	69	15	WELLINGTON CRES MEDIAN XFR 1323
581	46	12	WELLINGTON CRES MEDIAN XFR 815
582	54	12	WELLINGTON CRES MEDIAN XFR 824
584	53	12	WELLINGTON CRES MEDIAN XFR 824
571	58	15	WELLINGTON CRES MEDIAN XFR 828
2268	74	15	WELLINGTON CRES MEDIAN XFR 850
572	56	12	WELLINGTON CRES MEDIAN XFR 855
2269	53	12	WELLINGTON CRES MEDIAN XFR 856
2206	48	12	WELLINGTON CRES MEDIAN XFR 870
588	54	12	WELLINGTON CRES MEDIAN XFR 880
2207	43	12	WELLINGTON CRES MEDIAN XFR 884
589	49	12	WELLINGTON CRES MEDIAN XFR 885
591	72	15	WELLINGTON CRES MEDIAN XFR 885
2210	54	12	WELLINGTON CRES MEDIAN XFR 915
2208	58	12	WELLINGTON CRES MEDIAN XFR 916
2209	48	12	WELLINGTON CRES MEDIAN XFR 925
2212	57	12	WELLINGTON CRES MEDIAN XFR 928
2270	45	12	WELLINGTON CRES MEDIAN XFR 928
2211	42	10	WELLINGTON CRES MEDIAN XFR 945
583	56	12	WELLINGTON CRESCENT MEDIAN XFR 820