



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 748-2006

PROVISION OF TREE PRUNING/REMOVAL SERVICES

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PART B - BIDDING PROCEDURES

B1. PROJECT TITLE

B1.1 PROVISION OF TREE PRUNING/REMOVAL SERVICES

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, December 20, 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;
- (c) Form L: Detailed Work Plan.

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 may be submitted by mail, courier or personal delivery, or by facsimile transmission.

B6.4 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 Branch
185 King Street, Main Floor
Winnipeg MB R3B 1J1

B6.4.1 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.

B6.5 If the Bid Submission is submitted by facsimile transmission, it shall be submitted to (204) 949-1178

B6.5.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.

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 Division 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 Further to B9.1(g), the Bidder shall, within three (3) Business Days of a request by the Contract Administrator, provide proof satisfactory to the Contract Administrator that the Bidder has a workplace safety and health program meeting the requirements of the Workplace Safety and Health Act (Manitoba), by providing:
- (a) a valid COR certification number under the Certificate of Recognition (COR) Program – Option 1 administered by the Manitoba Heavy Construction Association’s Safety, Health and Environment Program: or
 - (b) a valid COR certification number under the Certificate of Recognition (COR) Program administered by the Manitoba Construction Safety Association: or
 - (c) a report or letter to the effect from an independent reviewer acceptable to the City. (A list of acceptable reviewers and the review template are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division internet site at <http://www.winnipeg.ca/matmgt>).
- B9.3 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.
- B9.4 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 not be opened publicly.
- B10.2 Following the Submission Deadline, the names of the Bidders and their Total Section Prices (evaluated, 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 Section Prices;
- (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 Section Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.

B13.5 This Contract may be awarded by Sections as identified on Form B: Prices.

B13.5.1 Notwithstanding B8.1, the Bidder may, but is not required to, bid on any one or more sections.

B13.5.2 The City shall not be obligated to award any section to the responsible Bidder submitting the lowest evaluated responsive Bid for the section and shall have the right, in their sole discretion, to award section(s) to Bidders based on their qualifications in accordance with B9.

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 provision of tree pruning/removal services from the date of award to December 28, 2006.
- D2.2 The major components of the Work are as follows:
- (a) Pruning/removal of Boulevard Street trees;
 - (b) Chipping of material; and
 - (c) Proper removal and disposal of excess pruning/removal material.
- 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.
- D2.4 Notwithstanding D2.1, in the event that operational changes result in substantial changes to the requirements for Work, the City reserves the right to alter the type or quantity of work performed under this Contract, or to terminate the Contract, upon thirty (30) Calendar Days written notice by the Contract Administrator. In such an event, no claim may be made for damages on the ground of loss of anticipated profit on Work.

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;

D3.2 Notwithstanding GC.1.01, when used in this Bid Opportunity:

- (a) "**Plant**" means mean's any things brought to or constructed upon the Site by the Contractor for the performance of the Work, including goods, tools equipment, consumable supplies, fuel, power and utility connections therefore, but does not include material;
- (b) "**Boulevard**" means the area between the street line and the nearest edge of a roadway and/or the area separating the roadways of a divided highway, and includes grassed areas in parks, interchange areas and private property bordering a street line;

D4. CONTRACT ADMINISTRATOR

D4.1 The Contract Administrator is:

Gerry Kuta
Technician II
Public Works
401 Pandora Avenue
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 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. SAFE WORK PLAN

- D8.1 The Contractor shall provide the Contract Administrator with a Safe Work Plan at least five (5) Business Days prior to the commencement of any Work on the Site.

D9. WORKERS COMPENSATION

- D9.1 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.

D10. INSURANCE

- D10.1 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.
- D10.2 Deductibles shall be borne by the Contractor.

D10.3 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.

D10.4 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.

D11. EQUIPMENT LIST

D11.1 The Contractor shall have available, in good working condition for the duration of the Contract (to be confirmed by inspection if warranted) the necessary equipment to accomplish the Work.

D12. DETAILED WORK SCHEDULE

D12.1 The bidder shall complete Form L: Detailed Work Plan, indicating the time frame within which the bidder proposes to perform the Work identified thereon.

D12.2 The Contractor shall provide the Contract Administrator with a detailed Work schedule at least two (2) Business Days prior to the commencement of any Work on the Site.

D13. DAMAGE TO EXISTING STRUCTURES AND PROPERTY

D13.1 Further to GC.6.01, special care shall be taken to avoid damage to existing adjacent structures or properties during the course of the Work.

D13.2 Any damage caused by the negligence of the Contractor or his Sub-Contractors to the adjacent works or properties, shall be promptly repaired by his at his own expense, to the satisfaction of the Contract Administrator.

D14. ACCESS TO "CITY" PROPERTY

D14.1 Further to GC:6.1, in the event that a pruning location is inaccessible due to parked vehicles, the Contractor shall first make an attempt to locate the owners and have him/her move the vehicle(s) or resume the pruning service in the next accessible location. Once the said location becomes accessible, the Contractor shall return, to complete the original pruning requirements.

D14.2 All costs related to returning and pruning trees in a location that was initially inaccessible shall be borne by the Contractor.

CONTROL OF WORK

D15. PRIME CONTRACTOR

D15.1 Further to GC:5.02, the Contractor shall be the Prime Contractor and shall serve as, and have the duties of the Prime Contractor in accordance with the Workplace Safety and Health Act (Manitoba).

CONTROL OF WORK

D16. COMMENCEMENT

D16.1 The Contractor shall not commence any Work until he is in receipt of a purchase order authorizing the commencement of the Work.

D16.2 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 D9;
 - (iii) evidence of the insurance specified in D10.
- (b) the Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

D17. ORDERS

- D17.1 The Contractor shall provide a local Winnipeg telephone number or a toll-free telephone number at which orders for service may be placed.
- D17.2 The Contractor shall make provisions to receive orders, by any of the means identified in D17.1 above at all times between 8:30 a.m. and 4:30 p.m., on Business Days.
- D17.3 The Contractor shall make provisions for a live representative to be available to be contacted directly from 8:00 a.m. to 4:30 p.m. in the case that special situations, concerns and/or emergencies arise. Pagers, answering machines and other delayed response methods are not acceptable.
- D17.4 The Contractor shall contact the Contract Administrator before 8:00 a.m. each working day detailing the locations of their pruning/removal crews that will be working on City sites.

D18. RECORDS

- D18.1 The Contractor shall keep detailed records of the services 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) service date(s); and
 - (d) description and quantity of services provided.
- D18.3 The Contractor shall provide the Contract Administrator with a copy of the records for each quarter year within fifteen (15) Calendar Days of the end of that quarter.
- D18.4 Further to G.C.5.04(1), the City will impose a re-inspection fee of fifty dollars (\$50.00) per tree pruning or removal inspection(s) for each additional inspection required to ensure compliance with the specifications for final acceptance of services received. Payment of invoices will be pending the outcome of any inspections that occur. This fee is in addition to the fixed sum for deficiencies for Work within this Contract.
 - (a) Inspections may include the following:
 - (i) Inspect progress of Work to be completed;
 - (ii) Inspect for final acceptance of services received based on invoice;
 - (iii) Inspect for completion of deficiencies at Work Site, if any;
 - (iv) Inspect for final acceptance of services based on invoices received by Contractor. If services still are in a deficient state then the inspection fee will be charged each time after each inspection is made until Work is determined to be acceptable.

MEASUREMENT AND PAYMENT

D19. INVOICES

- D19.1 Further to GC.9.01 and notwithstanding GC.9.03, the Contractor shall submit an invoice for the Work performed pursuant to each order.
- D19.2 Further to D6.3, the Contractor shall submit invoices to the locations designated at the time of ordering.
- D19.3 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.
- D19.4 The City will bear no responsibility for delays in approval of invoices which are improperly submitted.

D20. PAYMENT

- D20.1 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.

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E2. SITE LOCATIONS

E2.1 The Contractor is advised that the Work Site location's, may not identify the exact area requiring Pruning Services. The Contractor shall be advised of the exact Work Site locations in the required sequence from the Contract Administrator. All Work on the Site shall be completed prior to the commencement of any further Work being given. Removal services, if required, will occur within the pruning areas as trees that are identified in poor, dead or dangerous condition as determined by the Contract Administrator or designate.

E3. LOCATION AND SCHEDULE OF WORK

E3.1 All Work under this contract shall be assigned by supplying the Contractor with a list of Work Site locations that are arranged on a priority basis. The Contractor must begin with the first listing and follow it through to the last listing unless the Contract Administrator approves other arrangements.

E3.2 Further to E9 this listing is of intended Work locations per section. It is provided for the convenience of the Bidder only. The City reserves the right to add or delete locations, within the boundaries of the City, or alter the type and/or quantity of Work performed at any location as required by changes in its operations during the term of the Contract.

E3.3 The Contractor's operations shall be limited to the minimum encroachment on private properties necessary for undertaking the Work and he shall be responsible for all damage resulting from his Work on or over private property. The Contractor shall take such measures as are necessary to ensure safe and convenient pedestrian ingress and egress are maintained to residences.

E3.4 The Contractor shall promptly report any delay or change to an agreed commencement and completion date to the Contract Administrator.

E3.5 The Contractor shall not begin Work under this Contract prior to a pre-construction meeting being scheduled and held between representatives of the Contractor and the Contract Administrator.

E3.6 This meeting will be scheduled with the Contractor after the award of Contract.

E4. AFTER HOURS WORK

E4.1 Further to Clause GC.7.01 of the General Conditions, the Contractor shall obtain written permission from the Contract Administrator for any Work to be performed outside regular working hours including any Sunday or Statutory Holiday. Regardless of the Contract Administrator's approval, any such Work done by the Contractor between these hours shall conform to all applicable Laws, By-Laws and Ordinances.

E5. PUBLIC SAFETY/TRAFFIC CONTROL

E5.1 In accordance with the Manual of Temporary Traffic Control, the Contractor ("Agency" in the manual) shall make arrangements with the Traffic Services Section of the City of Winnipeg to place all temporary regulatory signs. The Contractor shall bear all costs associated with the placement of temporary traffic control devices by the Traffic Services Section of the City of Winnipeg in connection with the works undertaken by the Contractor. The requirements shall include the following:

- (a) The Contractor shall barricade the sidewalk surrounding the Work;
- (b) The Contractor shall provide a ground crew person at all times when aerial lift or climbers are involved in the tree maintenance operation. This person must be within 10m of the aerial lift device or of the tree containing climbers and must not be operating the chipper while overhead operations are occurring. This person is to ensure pedestrian and vehicular safety in the area where overhead maintenance is occurring.

E6. PRUNING OF TREES

E6.1 The Contractor shall Prune Boulevard Street Trees in accordance with the requirements hereinafter specified.

E6.2 Trees are to be pruned in accordance with the "ANSI A300 (Part 1)-2001 Pruning standards entitled, "Tree Care Operations – Tree, Shrub and Other Woody Plant Maintenance - Standard Practices (Pruning)" (revision and re-designation of ANSI A300-1995) (includes supplements) or most recent versions as available.

- (a) Trees are also to be pruned according to "Best Management Practices: Tree Pruning" (2002), which is a companion publication to the ANSI A300. For this Contract, the primary pruning objectives as stated in these publications shall include the following:
 - (i) Structural;
 - (ii) Cleaning;
 - (iii) Thinning;
 - (iv) Raising;
 - (v) And restoration.

E6.3 In addition to the requirements noted in E6.2, the following specific "light to moderate pruning" requirements shall be applicable to the Work.

- (a) Where applicable, lift the crown of trees to obtain a 4.3 metre (14 ft.) clearance over road surfaces and a minimum 3.0 meter (10 ft.) clearance over sidewalks while maintaining crown balance. Clearance on small trees may be obtained by crown narrowing/branch reduction;
- (b) Narrow the tree crown as required so as to minimize the overhang onto or toward private properties/roadways and favour branches growing upright as opposed to those growing horizontally;
- (c) Selectively remove all dead, rubbing or broken branches;
 - (i) Cuts that would product a wound greater than 30 cm (6 inches) in diameter shall be approved by the Contract Administrator or designate before Work is initiated.
- (d) Remove suckers to 4.3 metres (14 ft.), but leave upper crown (above 4.3 metres (14 ft.)) suckers unless they are dead, broken or rubbing against other branches;
- (e) Remove all branches:
 - (i) overhanging onto buildings to minimum clearance standards determined by the Contract Administrator while still maintaining crown balance;
 - (ii) within 2 metres of all structures;

- (iii) clear of traffic signs, traffic lights and street lights.
 - (f) Inform the Contract Administrator or designate, of any trees that are in poor, dead or hazardous condition, or in need of cabling and/or bracing.
- E6.4 The Contractor shall provide to the satisfaction of the Contract Administrator or designate valid Manitoba Arborist Licenses for all employees pruning trees during the course of the Contract.
- E6.5 The Contractor shall prune trees in a manner satisfactory to the Contract Administrator or his designate.
- E6.6 All waste material (i.e.: branches, logs from the pruning operations) shall be removed from the Work Site by the end of each Working Day. The Contractor shall maintain the Sites of the Work in tidy condition and free from the accumulation of waste and debris. This shall include, but not be limited to, raking of all grassed/snow covered areas and sweeping of all hard surfaced areas. Total Performance of the Work shall not be attained until the Contractor has cleaned up the Sites and has removed all plant, tools, equipment, waste and debris.
 - (a) All material that is to be chipped shall be chipped, removed and delivered from the Work Site daily to a location to be determined by the Contract Administrator or his designate.
 - (b) The Contractor shall dispose, at the Contractor's expense, all elm wood logs and non-chipable material daily to the City of Winnipeg Brady Road Landfill Site. Alternative disposal locations must be applied for in writing and approved by the Contract Administrator and/or Province of Manitoba.
 - (c) To verify proper disposal of materials identified by the Contract Administrator for disposal to approved landfill sites, the Contractor shall provide the Contract Administrator with a copy of all weigh bills received
- E6.7 The Contractor shall sterilize all pruning equipment between each tree with methyl alcohol which must be sprayed onto the pruning equipment until dripping.
- E6.8 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.
- E6.9 The Contractor shall be aware of all locations in the Work area where overhead utility lines may be a factor in the required tree pruning Work.
- E6.10 The Contractor shall be responsible for special arrangements with respective utilities necessary to properly complete the tree pruning Work.
- E6.11 The Contractor shall be responsible for the constant supervision of the utility while the utility is on Site to advise which portions of the tree should be removed so as to ensure proper tree pruning Work to meet contract specifications.
- E6.12 The Contractor shall be responsible to make call back arrangements with the utilities should deficiencies exist.
- E6.13 The Contractor shall be responsible for any additional costs associated with tree pruning Work around utility lines and any such costs must be reflected in the overall bid.
- E6.14 The Contractor shall make utility tree pruning arrangements in a timely fashion so as to maintain stated scheduling and contract completion requirements.
- E6.15 The Contractor shall advise the Contract Administrator of all locations in the Work area where lights are attached to trees, and may be a factor in the required tree pruning Work.

E6.16 The Contract Administrator shall be responsible for special arrangements with respective light owners/ businesses to remove or have removed, at the owner's expense, any and all lights/structures necessary to properly complete the tree pruning Work.

E7. REMOVAL OF TREES

E7.1 The Contractor shall remove designated trees on an "as required" basis in accordance with the requirements hereinafter specified.

E7.2 The Contractor shall not complete a tree removal unless they receive written authorization from the Contract Administrator.

E7.3 The Contractor shall provide to the satisfaction of the Contract Administrator (or designate) valid Manitoba Arborist Licenses for all employees removing trees during the course of the contract.

E7.4 The Contractor shall remove trees in a manner satisfactory to the Contract Administrator or designate and agrees that the Work may be inspected by City personnel.

E7.5 Removal of trees shall be complete to **ground** level regardless of existing ground cover (e.g. snow, other plant material, etc.) or other conditions except where prior approval is given by the Contract Administrator or designate.

E7.6 Once the removal process is initiated it shall be completed that same Working Day. The Contractor shall remove and/or dispose of all material resulting from the Work immediately by one, or more, of the following methods:

- (a) remove to a designated City of Winnipeg Landfill Site;
- (b) chip and remove material to an appropriate location as per the Contract Administrator or designate direction;
- (c) The costs of all of the above operations are to be born solely by the Contractor.

E7.7 The Contractor shall repair any damage resulting from the Work listed in E7.6, E7.6(a) and E7.6(b) inclusive, but not limited to, damage to turf, other trees, gardens, walkways, fences, etc. and shall report all damage immediately to the owner and the Contract Administrator or designate.

E7.8 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.

E7.9 The Work to be performed will be determined on a per class basis in the following diameter classes measured in centimetres:

Class 1	1 to 30 (+) cm
Class 2	greater than 30 to 50 cm
Class 3	greater than 50 to 70 cm
Class 4	greater than 71 cm

E7.10 Measurement for payment shall be based on the Diameter at Breast Height (D.B.H.) (measured at 135 cm above ground level) or above on trees with single trunks. On trees with double or multiple trunks the following rules shall apply:

- (a) where a single diameter measurement is possible above ground the measurement will be made at a point just below the junction of the trunks where the total tree diameter is not influenced by the junction or the basal flare;

- (b) where a single diameter measurement above is not possible then the total tree diameter will be based upon the D.B.H. (measured at 135 cm above ground level) of the largest trunk plus ½ the D.B.H. of each of subsequent trunks;
- (c) situations regarding the measurement of any tree not falling into one of the above categories must be referred to the Contract Administrator or designate immediately for a decision prior to removal.

E8. ASSEMENT OF COMPLETED TREE STATUS

- E8.1 All work shall be completed by December 28, 2007, no extension shall be granted.
- (a) An assessment will be administered to all Contractors at approximately the mid point of the Contract (July 21, 2007).
 - (b) The amount of completed trees at this mid point shall be one half (1/2) of the awarded amount per section (+/-5%). Failure to meet this requirement will result in termination of the remainder of the Contract.

E9. TREE LOCATIONS

E9.1 Section A “Kern Park” Neighbourhood Area

STREET	From	To	Elms	Total	Other species
Day St. E.	Regent	Whittier	6	32	26
Day St. E.	Regent	Victoria	3	3	
Day St. E.	Victoria	Yale	3	6	3
Day St. E.	Yale	Ravelston	0	7	7
Day St. E.	Ravelston	Harvard	0	8	8
Day St. E.	Harvard	Whittier	0	8	8
Day St. W.	Regent	Whittier	0	46	46
Day St. W.	Whittier	Harvard	0	12	12
Day St. W.	Harvard	Rosseau	0	6	6
Day St. W.	Rosseau	Ravelston	0	8	8
Day St. W.	Ravelston	Yale	0	11	11
Day St. W.	Yale	Victoria	0	5	5
Day St. W.	Victoria	Regent	0	4	4
Harvard (East)	Day	Kanata	16	27	11
Harvard (East)	Roanoke	Leola	17	24	7
Harvard (East)	Leola	Wayota	28	51	23
Kanata	Regent	Victoria (East)	2	11	9
Kanata	Victoria	Yale	2	9	7
Kanata	Yale	Ravelston	0	7	7
Kanata	Ravelston	Rosseau	7	12	5
Kanata	Rosseau	Harvard	3	13	10
Kanata	Harvard	Whittier	11	16	5
Kern	Kanata	Wabasha	11	14	3
Kern	Wabasha	Roanoke	12	15	3
Kern Park	N/A		157	195	38
Leola	Regent	Victoria	2	9	7
Leola	Victoria	Yale	6	12	6
Leola	Yale	Ravelston	9	18	9
Leola	Ravelston	Rosseau	6	15	9
Leola	Rosseau	Harvard	1	14	13

Leola	Harvard	Whittier	1	7	6
Memorial Circle Park	N/A		55	111	56
Park Circle	Ravelston (East)	Wabasha	4	9	5
Park Circle	Wabasha	Ravelston	2	9	7
Park Circle	Ravelston	Wabasha	5	8	3
Park Circle	Wabasha	Ravelston	3	8	5
Ravelston	Day	Kanata	16	22	6
Ravelston	Kanata	Park Circle	9	14	5
Ravelston	Park Circle	Roanoke	7	11	4
Ravelston	Roanoke	Leola	18	26	8
Ravelston	Leola	Rosseau	12	31	19
Ravelston	Rosseau	Wayota	8	24	16
Regent (North)	Wayota	Day	50	91	41
Regent Ave. E.	Wayota	Leola	17	30	13
Regent Ave. E.	Leola	Roanoke	12	23	11
Regent Ave. E.	Roanoke	Wabasha	8	16	8
Regent Ave. E.	Wabasha	Kanata	3	14	11
Regent Ave. E.	Kanata	Day	7	8	1
Roanoke	Regent	Victoria	1	8	7
Roanoke	Victoria	Yale	5	10	5
Roanoke	Yale	Ravelston	8	11	3
Roanoke	Ravelston	Rosseau	6	8	2
Roanoke	Rosseau	Harvard	0	5	5
Roanoke	Harvard	Whittier	0	7	7
Rosseau	Ravelston	Leola	25	54	29
Rosseau (East)	Backlane	Kern	1	3	2
Rosseau (East)	Kern	Ecole Central	1	10	9
Victoria	Day	Kanata	27	33	6
Victoria	Kanata	Wabasha	13	29	16
Victoria	Wabasha	Roanoke	17	34	17
Victoria	Roanoke	Leola	9	36	27
Victoria	Leola	Wayota	10	58	48
Wabasha	Regent	Victoria	1	14	13
Wabasha	Victoria	Yale	1	11	10
Wabasha	Park Circle	Kern	15	15	
Wayota St.	Whittier	Regent	6	19	13
Whittier (East)	Day	Wabasha	21	49	28
Whittier (East)	Wabasha	Leola	14	59	45
Whittier (East)	Leola	Wayota	27	50	23
William Reid Park	N/A		25	34	9
			Total	1637	

E9.2 Section B "Munroe West" Neighbourhood Area

STREET	From	To	Elms	Total	Other species
Brazier	Munroe	Donalda	3	3	
Brazier	Donalda	Trent	0	2	2
Brazier	Trent	Neil	0	4	4
Brazier	Neil	Sydney	0	9	9

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Brazier	Sydney	Melbourne	3	9	6
Brazier	Melbourne	Chelsea	3	17	14
Brazier	Chelsea	Bronx	0	5	5
Brazier	Bronx	Kimberley	3	13	10
Bronx	Henderson	Brazier	33	66	33
Bronx	Brazier	Roch	7	60	53
Bronx	Watt	Golspie	32	66	34
Chelsea	Henderson	Brazier	14	70	56
Chelsea	Brazier	Roch	10	46	36
Chelsea	Roch	Watt	5	67	62
Chelsea	Watt	Golspie	24	75	51
Columbus Park			3	3	0
Dobbie	Golspie	Raleigh	9	9	
Donalda	Henderson	Brazier	35	72	37
Donalda	Brazier	Roch	19	32	13
Golspie	Trent	Neil	2	2	
Golspie	Neil	Chelsea	14	14	
Golspie	Bronx	Kimberley	5	7	2
Kimberly	Henderson	Brazier	0	17	17
Kimberly	Brazier	Roch	2	22	20
Kimberly	Roach	Watt	1	1	
Kimberly	Watt	Golspie	4	29	25
Melbourne	Henderson	Brazier	11	62	51
Melbourne	Brazier	Roch	7	59	52
Melbourne	Roch	Watt	6	58	52
Melbourne	Watt	B/lane Golspie	1	34	33
Munroe	Raleigh	Golspie	7	7	
Munroe	Golspie	Watt	1	1	
Munroe	Watt	Roch	16	16	
Munroe	Roch	Brazier	16	16	
Munroe	Brazier	Henderson	17	23	6
Neil	Henderson	Brazier	27	66	39
Neil	Roch	Watt	28	51	23
Neil	Watt	Golspie	16	34	18
Neil	Golspie	Raleigh	5	6	1
Roch	Neil	Sydney	0	1	1
Roch	Sydney	Melbourne	0	5	5
Roch	Chelsea	Bronx	1	7	6
Roch	Bronx	Kimberly	2	4	2
Sydney	Henderson	Brazier	1	10	9
Sydney	Brazier	Roch	2	18	16
Sydney	Roch	Watt	0	16	16
Sydney	Watt	B/lane Golspie	5	32	27
Trent	Roch	Watt	0	1	1
Trent	Watt	Golspie	0	7	7

Total 1254

E9.3 Section C “Deer Lodge” Neighbourhood Area

STREET	From	To	Elms	Total	Other species
Sackville	Portage	Bruce	2	40	38
Sackville	Bruce	Ness	6	49	43
Sackville	Ness	Silver	12	20	8
Truro	Bruce	Ness	8	18	10
Truro	Ness	Silver	2	20	18
Albany	Portage	Bruce	4	20	16
Albany	Bruce	Ness	0	38	38
Albany	Ness	Silver	12	31	19
Linwood	Portage	Bruce	10	28	18
Linwood	Bruce	Ness	4	31	27
Linwood	Ness	Silver	15	33	18
Winchester	Portage	Bruce	9	38	29
Winchester	Bruce	Ness	6	40	34
Winchester	Ness	Silver	6	45	39
Overdale	Portage	Bruce	48	69	21
Overdale	Bruce	Ness	11	49	38
Mandeville	Portage	Bruce	0	11	11
Mandeville	Bruce	Ness	5	20	15
Belvidere	Portage	Bruce	4	14	10
Belvidere	Bruce	Ness	1	5	4
Woodlawn	Portage	Bruce	13	37	24
Woodlawn	Bruce	Ness	9	27	18
Woodlawn	Ness	St. James Civic	0	5	5
Guildford	Lodge	Bruce	0	60	60
Guildford	Bruce	Ness	5	17	12
Duffield	Portage	Lodge	0	9	9
Duffield	Lodge	Bruce	8	37	29
Duffield	Bruce	Ness	1	15	14
Sharp	Portage	Lodge	13	34	21
Sharp	Lodge	Bruce	24	61	37
Sharp	Bruce	Ness	29	63	34
Moorgate	Portage	Lodge	No pruning needed for Elms (see notes)		
Moorgate	Lodge	Bruce	No pruning needed for Elms		
Moorgate	Bruce	Ness	No pruning needed for Elms		
Conway	Portage	Lodge	4	9	5
Conway	Lodge	Bruce	2	7	5
Conway	Bruce	Ness	2	10	8
Bruce	Sackville	Truro	0	0	
Bruce	Truro	Albany	0	1	1
Bruce	Belvidere	Woodlawn	0	1	1
Bruce	Woodlawn	Guilford	0	1	1
Bruce	Guilford	Duffield	0	1	1
Bruce	Duffield	Sharp	0	1	1
Lodge	Woodlawn	Guilford	0	7	7
Lodge	Guilford	Duffield (no prun.)	3	3	
Lodge	Sharp	Moorgate	22	22	
Lodge	Moorgate	Conway	3	8	5

NOTES:

tree l/f/o 252 Sackville --- city
tree

337 Sackville --- 1 tree north side-city tree

New tree at 430 Albany (no pruning)

254 Belvidere --- 3 Ash previously pruned

Trees needing pruning on Moorgate:

Portage-Lodge - 208, 212, 220, 224, 227, 235, 239, 252 **8**

Lodge-Bruce - 259, 263, 268, 271, 280, 284, 285, 286, 304,
305, 325, 330, 284, 285, 286, 304, 305, 325, 330 **19**

Bruce-Ness - 345, 346, 350, 354, 382, 385 **6**

Total	1088
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