



**THE CITY OF WINNIPEG**

# **BID OPPORTUNITY**

**BID OPPORTUNITY NO. 100-2005**

**PROVISION OF WOOD WASTE AND LEAF GRINDING SERVICES**

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## **PART B - BIDDING PROCEDURES**

### **B1. PROJECT TITLE**

B1.1 PROVISION OF WOOD WASTE AND LEAF GRINDING SERVICES

### **B2. SUBMISSION DEADLINE**

B2.1 The Submission Deadline is 12:00 noon Winnipeg time, April 6, 2005.

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. SITE INVESTIGATION**

B3.1 Further to GC.2.01, the Bidder may make an appointment to view the piles on site by contacting the Contract Administrator.

B3.2 The Bidder shall not be entitled to rely on any information or interpretation received at the Site investigation unless that information or interpretation is the Bidder's direct observation, or is provided by the Contract Administrator in writing.

### **B4. ENQUIRIES**

B4.1 All enquiries shall be directed to the Contract Administrator identified in D4.1.

B4.2 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.

B4.3 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.

B4.4 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.

B4.5 The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B4 unless that response or interpretation is provided by the Contract Administrator in writing.

### **B5. ADDENDA**

B5.1 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.

B5.2 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.

- B5.2.1 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>.
- B5.2.2 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.
- B5.3 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.

**B6. SUBSTITUTES**

- B6.1 The Work is based on the Plant, Materials and methods specified in the Bid Opportunity.
- B6.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.
- B6.3 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.
- B6.4 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.
- B6.5 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.
- B6.6 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.
- B6.6.1 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.
- B6.7 If the Contract Administrator approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.

B6.8 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 B14.

B6.9 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.

## **B7. BID SUBMISSION**

B7.1 The Bid Submission consists of the following components:

- (a) Form A: Bid; and
- (b) Form B: Prices.

B7.2 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.

B7.3 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.

B7.3.1 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.

B7.4 Bid Submissions submitted by facsimile transmission (fax) or internet electronic mail (e-mail) will not be accepted.

B7.5 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

## **B8. BID**

B8.1 The Bidder shall complete Form A: Bid, making all required entries.

B8.2 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.

B8.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B8.2.

- B8.3 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.
- B8.4 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.
- B8.4.1 The name and official capacity of all individuals signing Form A: Bid shall be printed below such signatures.
- B8.4.2 All signatures shall be original and shall be witnessed except where a corporate seal has been affixed.
- B8.5 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.

## **B9. PRICES**

- B9.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.
- B9.1.1 Notwithstanding GC.9.01(1), prices on Form B: Prices shall not include the Goods and Services Tax (GST), which shall be extra where applicable.
- B9.2 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.
- B9.3 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.

## **B10. QUALIFICATION**

- B10.1 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).

B10.2 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.

B10.3 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.

## **B11. OPENING OF BIDS AND RELEASE OF INFORMATION**

B11.1 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.

B11.1.1 Bidders or their representatives may attend.

B11.2 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>.

B11.3 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>.

B11.4 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.

## **B12. IRREVOCABLE BID**

B12.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.

B12.2 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.

## **B13. WITHDRAWAL OF BIDS**

B13.1 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.



- B13.1.1 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.
- B13.1.2 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.
- B13.1.3 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 B13.1.3(b), declare the Bid withdrawn.
- B13.2 A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed as provided for in B12.2 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.

#### **B14. EVALUATION OF BIDS**

- B14.1 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 B10 (pass/fail);
  - (c) Total Bid Price;
  - (d) economic analysis of any approved alternative pursuant to B6.
- B14.2 Further to B14.1(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.
- B14.3 Further to B14.1(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.
- B14.4 Further to B14.1(c), the Total Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.
- B14.4.1 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.
- B14.5 This Contract will be awarded as a whole.

#### **B15. AWARD OF CONTRACT**

- B15.1 The City will give notice of the award of the Contract or will give notice that no award will be made.

- B15.2 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.
- B15.2.1 Without limiting the generality of B15.2, 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.
- B15.3 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.
- B15.4 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.
- B15.5 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 grinding of wood waste and leaves for the period of May 1, 2005 to April 30, 2007.
- D2.2 The major components of the Work are as follows:
- (a) Grinding of Tree wood waste;
  - (b) Grinding of Demolition wood waste
  - (c) Grinding of leaves.
- 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.

#### 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;

- (d) **“Tree Wood Waste Material”** means clean tree trunks and tree branches stored in the designated Tree Waste Disposal Area.
- (e) **“Demolition Wood Waste Material”** means any wooden objects, wood waste product, or debris diverted and stored in the Demolition Wood Waste Disposal Area at the Brady landfill including, but not limited to pallets, railway ties, dimensional lumber etc.
- (f) **“Leaf Waste Material”** means any bagged and loose leaves including pieces of plastic bags stored in the Leaf Waste Disposal Area.
- (g) **“Contaminated Materials”** means any metal objects, stones, propane tanks, concrete or other non-organic contaminants being dropped off within the designated Wood and Leaf Waste Disposal Areas.

#### **D4. CONTRACT ADMINISTRATOR**

D4.1 The Contract Administrator is:

Verden Jeancart, A.Sc.T  
Supervisor of Disposal  
2<sup>nd</sup> Floor, 1539 Waverley Street  
Winnipeg, Manitoba R3T 4V7  
Telephone No. (204) 986-4779  
Facsimile No. (204) 986-8121

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 certified true copy or 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; and
    - (iii) evidence of the insurance specified in D9.
  - (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.

### **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 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.
- D12.3 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.

## **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 Invoices must clearly indicate, as a minimum:
- (a) the City's order number;
  - (b) date(s) of provision of services;
  - (c) type and quantity of services provided;
  - (d) the amount payable with GST shown as separate amounts; and
  - (e) the Contractor's GST registration number.

D13.3 The City will bear no responsibility for delays in approval of invoices which are improperly submitted.

**D14. QUANTITIES**

D14.1 The City cannot provide an exact quantity of wood waste and leaves to be processed within this Contract. This quantity is dependent upon construction activity within the City and upon the weather. The frequency of grindings will be dependent upon the rate at which materials are delivered to the site. The City shall give a minimum of four (4) weeks' notice when the Contractor will be required on site. The Contractor shall grind the required stockpiled material on no more than two separate visits to the Landfill.

D14.2 Further to D14.1 above, the leaf material presently stockpiled on site represents approximately 3000 cubic metres.

**D15. METHOD OF MEASUREMENT**

D15.1 All wood waste and leaf piles processed by the Contractor shall be stockpiled within the Wood Waste Disposal and Leaf Waste Disposal areas. The volume of the stockpiled processed material will be determined using "Total Station" survey equipment at the conclusion of each grinding operation on the ground material. The City shall be responsible for the quantity survey. The contractor shall have full access to all data and calculations used to determine the payment quantity upon request.

**D16. METHOD OF PAYMENT**

D16.1 Payment will be made in accordance with the Unit Price on Form B: Prices for actual volume quantities (in cubic metres) of processed material, as calculated using the methodology outlined in D15.1 above.

**D17. PAYMENT**

D17.1 Further to GC.9.01 and GC.9.03, payment shall be in Canadian funds net fifteen (15) 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. SERVICES**

E2.1 The material to be ground is comprised primarily of bagged leaves and wooden objects diverted to a separate tipping areas at the landfill. Generally speaking, this is comprised of building renovation or demolition debris, tree trimmings, wooden pallets, etc. This material may be piled in the same fashion as it is deposited by the hauler, or it may have been moved and compacted in a stockpile. Compaction is carried out by either a dozer or landfill trash compactor.

E2.2 Private homeowners, contractors or City vehicles haul the wood waste and leaf waste material being disposed of at the Brady Landfill Site. Although unloading of the material is the responsibility of the hauler and occurs under the general supervision of the City, other contaminated materials such as metal objects, stones, concrete, etc. may be mixed in with the wood waste material. The Contractor should expect some contaminated material to be present in the wood waste pile.

E2.3 Removal of contaminated material from the wood waste piles will be the responsibility of the Contractor. The Contractor will be responsible for stockpiling any contaminated material within 50 metres from the grinding operation. The City will be responsible for transporting the stockpiled contaminated materials for disposal to the active solid waste disposal area. Any damage to equipment or injury to workers as a result of contamination will be the responsibility of the Contractor.

E2.4 The grinder must be operated in a manner, which is safe for the operator, other workers, City employees, and the general public. The cost for any sorting of material required by the Contractor shall be included in the price bid for grinding wood waste and leaf piles. This shall include any sorting required for the removal of contamination, segregation of various wood products, or other reasons for separation required by the Contractor.

E2.5 The Contractor will grind and stockpile the bagged leaves separately from the demolition and tree wood waste material piles and will ensure the three material groups are not mixed together during the operation.

#### **E3. FINISHED PRODUCT**

E3.1 The processed material shall be compatible with use in composting organic waste material. The material (including plastic bags) shall be processed so as to pass through a fifty (75) mm round screen. In the event that plastic material larger than 75 mm in size is in the processed material, the Contractor will adjust his screens or grinding process equipment so no plastic material larger than 75 mm enters the processed material. After adjustment of the screens, all material in excess of 75mm shall be reground to meet the specifications.

#### **E4. EQUIPMENT**

E4.1 The grinder or shredder must:

- (i) Be able to process bagged leaves, grass clippings, brush, tree limbs and branches and wood waste debris to a material size not greater than 50 mm.

- (ii) Have a discharge conveyor capable of discharging shredded material into a stockpile. and
- (iii) Be equipped with a magnetic device capable of separating miscellaneous metal contaminants from the processed material prior to stockpiling.

- E4.2 The Work will involve the use of one or more loaders or similar equipment of appropriate size, complete with operator(s), for the transport of wood waste material or bags of leaves to the hopper of the grinding equipment. The provision and payment for the loader(s) or similar equipment shall be the responsibility of the Contractor.
- E4.3 The loaders or similar equipment will also move piles of processed material away from the area of the grinding equipment.
- E4.4 The Contractor shall provide, at his own expense, any equipment required for the completion of the work. This equipment may include excavators, loaders, etc.
- E4.5 The Contractor will be responsible for, and will include in his tendered price, all associated mobilization and de-mobilization costs required to carry out the work.

## **E5. LOADING RAMP**

- E5.1 If a loading ramp is required for the operation of the grinder, the Contractor will be responsible for the construction of the ramp. Any clay material required for the construction of a ramp will be supplied by the City, but must be placed and constructed by the Contractor.
- E5.2 The Contractor shall determine the location of a loading ramp, however, its location will be restricted by parameters, which will allow general day-to-day operations to continue within the Wood Waste Disposal Area.
- E5.3 Transportation, operation, construction, maintenance and relocation of a loading ramp are the responsibility of the Contractor, and shall be included in the bid price.

## **E6. SCHEDULE**

- E6.1 The Contractor will be required to complete the grinding of the existing stockpiled wood waste material and leaf piles by August 30, 2005. Subsequent grindings will be on an "as needed" basis with a minimum of two (2) weeks' notice being provided to the Contractor by the Contract Administrator.

## **E7. SAFETY**

- E7.1 Throughout the grinding operation, the Contractor shall not produce a significant amount of dust, which, on windy days, is allowed to blow across Charette Road, creating a hazardous and unsafe situation (poor visibility for landfill customers). On those days, when in the opinion of the Contract Administrator, the dust creates an unsafe Work condition, the Contractor shall be required to alter his operation in order to prevent the dust from blowing. If this is not practical or effective, the Contract Administrator will order the grinding operation to be discontinued until conditions permit a dust-free operation to resume.
- E7.2 If in the opinion, of the Contract Administrator, there exists a danger to life or to property, he may order the Contractor to stop Work or to take such remedial action, as he considers necessary.
- E7.3 The Brady Road Landfill is a non-smoking facility. As such, the Contractor shall ensure that his/her workers and any sub-contractors do not smoke anywhere within the facility.

- E7.4 The Contractor shall provide at his/her expense, any informational signs, directional devices, barricades and fencing for notifying others that the Contractor is working and for preventing unauthorized traffic flow within the specified work area. The Contractor shall erect, move, place, relocate and maintain these devices as required.
- E7.5 The Contractor should take all necessary precautions to minimize his exposure to acts of theft and vandalism. The City accepts no responsibility for damage, vandalism or theft to any equipment stored at the landfill by the Contractor.
- E7.6 The Contractor shall take all necessary precautions to ensure that all material handled in the course of the Work are treated in such a manner as to prevent fire from breaking out at the work site.

## **E8. LITTER CONTROL**

- E8.1 The grinding process shall not produce litter that is allowed to blow away from the Wood Waste Disposal Area. On those days, when in the opinion of the Contract Administrator, the wind will blow plastic outside the designated work area, the Contractor shall be required to alter his operation in order to prevent the litter from scattering. If this is not practical or effective, the Contract Administrator will order the grinding operation to be discontinued until conditions permit a litter-free operation to resume. The City shall make Landfill Litter control fences available if site conditions warrant the use of these fences.

## **E9. HOURS OF OPERATION**

- E9.1 Work may be conducted between 6:00 a.m. and 6:00 p.m. Monday through Friday; 8:00 a.m. and 4:00 p.m. on Saturdays; and 9:00 a.m. and 5:00 p.m. on Sundays. Work conducted outside these hours requires advanced approval from the Contract Administrator.