



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 217-2006

PROVISION OF CONCRETE REPAIRS AND PAVING

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PART B - BIDDING PROCEDURES

B1. PROJECT TITLE

B1.1 PROVISION OF CONCRETE REPAIRS AND PAVING

B2. SUBMISSION DEADLINE

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

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

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

B3. ENQUIRIES

B3.1 All enquiries shall be directed to the Contract Administrator identified in D4.1.

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

B3.3 Responses to enquiries which, in the sole judgment of the Contract Administrator, require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator to all Bidders by issuing an addendum.

B3.4 Responses to enquiries which, in the sole judgment of the Contract Administrator, do not require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator only to the Bidder who made the enquiry.

B3.5 The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Contract Administrator in writing.

B4. ADDENDA

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

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

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

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

B4.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 8 of Form A: Bid. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

B5. SUBSTITUTES

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

B6. BID SUBMISSION

B6.1 The Bid Submission consists of the following components:

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

B6.2 The Bid Submission shall be submitted enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address.

B6.2.1 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.

B6.3 Bid Submissions submitted by facsimile transmission (fax) or internet electronic mail (e-mail) will not be accepted.

B6.4 Bid Submissions shall be submitted to:

The City of Winnipeg
Corporate Finance Department
Materials Management Branch
185 King Street, Main Floor
Winnipeg MB R3B 1J1

B7. BID

B7.1 The Bidder shall complete Form A: Bid, making all required entries.

B7.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:

- (a) if the Bidder is a sole proprietor carrying on business in his own name, his name shall be inserted;
- (b) if the Bidder is a partnership, the full name of the partnership shall be inserted;
- (c) if the Bidder is a corporation, the full name of the corporation shall be inserted;
- (d) if the Bidder is carrying on business under a name other than his own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.

B7.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.

B7.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

B7.4 Paragraph 10 of Form A: Bid shall be signed in accordance with the following requirements:

- (a) if the Bidder is a sole proprietor carrying on business in his own name, it shall be signed by the Bidder;
- (b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
- (c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers;
- (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.

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.

B8.2 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;
- (b) be responsible and not be suspended, debarred or in default of any obligation to the City;
- (c) be financially capable of carrying out the terms of the Contract;
- (d) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract;
- (e) have successfully carried out work, similar in nature, scope and value to the Work;
- (f) employ only Subcontractors who:
 - (i) are responsible and not suspended, debarred or in default of any obligation to the City (a list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site at <http://www.winnipeg.ca/matmgt>); and
 - (ii) have successfully carried out work similar in nature, scope and value to the portion of the Work proposed to be subcontracted to them, and are fully capable of performing the Work required to be done in accordance with the terms of the Contract;
- (g) have a written workplace safety and health program in accordance with The Workplace Safety and Health Act (Manitoba);

B9.2 The Bidder shall be prepared to submit, within three (3) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.

B9.3 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B10. OPENING OF BIDS AND RELEASE OF INFORMATION

B10.1 Bid Submissions will be opened publicly, after the Submission Deadline has elapsed, in the office of the Corporate Finance Department, Materials Management Branch, or in such other office as may be designated by the Manager of Materials.

B10.1.1 Bidders or their representatives may attend.

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

B10.3 After award of Contract, the name(s) of the successful Bidder(s) and the Contract Amount(s) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site at <http://www.winnipeg.ca/matmgt>.

B10.4 The Bidder is advised that any information contained in any Bid Submission may be released if required by City policy or procedures, by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law.

B11. IRREVOCABLE BID

B11.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.

B11.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 9 of Form A: Bid.

B12. WITHDRAWAL OF BIDS

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

B12.1.1 Notwithstanding GC:23.3, the time and date of receipt of any notice withdrawing a Bid shall be the time and date of receipt as determined by the Manager of Materials.

B12.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Bid or the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid, and only such person, has authority to give notice of withdrawal.

B12.1.3 If a Bidder gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials shall:

- (a) retain the Bid Submission until after the Submission Deadline has elapsed;
- (b) open the Bid Submission to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid; and
- (c) if the notice has been given by any one of the persons specified in B12.1.3(b), declare the Bid withdrawn.

B12.2 A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed as provided for in B11.2 shall be liable for such damages as are imposed upon the Bidder by law and subject to such sanctions as the Chief Administrative

Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B13. EVALUATION OF BIDS

B13.1 Award of the Contract shall be based on the following bid evaluation criteria:

- (a) compliance by the Bidder with the requirements of the Bid Opportunity (pass/fail);
- (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B9 (pass/fail);
- (c) Total Bid Price;
- (d) economic analysis of any approved alternative pursuant to B5.

B13.2 Further to B13.1(a), the Award Authority may reject a Bid as being non-responsive if the Bid Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements if the interests of the City so require.

B13.3 Further to B13.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his Bid Submission or in other information required to be submitted, that he is responsible and qualified.

B13.4 Further to B13.1(c), the Total Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.

B13.4.1 If there is any discrepancy between the Total Bid Price written in figures, the Total Bid Price written in words and the sum of the quantities multiplied by the unit prices for each item, the sum of the quantities multiplied by the unit prices for each item shall take precedence.

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:4, the City will issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.

B14.5 The Contract, as defined in GC:1.1, in its entirety shall be deemed to be incorporated in and to form a part of the Purchase Order notwithstanding that it is not necessarily attached to or accompany said Purchase Order.

PART C - GENERAL CONDITIONS

C1. GENERAL CONDITIONS

C1.1 The *General Conditions for Construction Contracts* (Revision 2000 11 09) are applicable to the Work of the Contract.

C1.1.1 The *General Conditions for Construction Contracts* 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 Construction Contracts*, 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 "Tender Package" wherever it appears in the General Conditions and substituting "Bid Opportunity".
- D1.4 The General Conditions are amended by striking out "Tender Submission" wherever it appears in the General Conditions and substituting "Bid Submission".
- D1.5 The General Conditions are amended by deleting GC:6.16 and GC:6.17. The City of Winnipeg is now within the jurisdiction of the Manitoba Ombudsman pursuant to The Ombudsman Act.

D2. SCOPE OF WORK

- D2.1 The Work to be done under the Contract shall consist of concrete repairs and paving at various locations in accordance with the specifications attached for the period of May 1, 2006 to April 30, 2007.
- D2.2 The Work shall be done on an "as required" basis during the term of the Contract.
- D2.2.1 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.
- D2.2.2 The City shall have no obligation under the Contract to purchase any quantity of any item in excess of its actual operational requirements.

D3. DURATION OF CONTRACT

- D3.1 The Contractor shall perform the Work of this Contract during the period of May 1, 2006 to April 30, 2007.

D4. CONTRACT ADMINISTRATOR

- D4.1 The Contract Administrator is:
Bonnie Konzelman, P. Eng.
Civil/Structural Engineer
Planning Property and Development
3rd Floor, 65 Garry Street.
Telephone No. (204) 986-2273
Facsimile No. (204) 947-2284
- D4.2 At the pre-construction 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-construction 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 Except as provided for in GC:23.2.2, all notices, requests, nominations, proposals, consents, approvals, statements, authorizations, documents or other communications to the Contractor shall be sent to the address or facsimile number identified by the Contractor in Paragraph 2 of Form A: Bid.

D6.2 All notices, requests, nominations, proposals, consents, approvals, statements, authorizations, documents or other communications to the City, except as expressly otherwise required in D6.3, D6.4 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.

D6.3 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

D6.4 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. INSURANCE

D7.1 The Contractor shall provide and maintain the following insurance coverage:

- (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) 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;

D7.2 Deductibles shall be borne by the Contractor.

D7.3 The Contractor shall provide the City Solicitor with a certificate of insurance of each policy, in a form satisfactory to the City Solicitor, 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.

D7.4 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.

D8. SECURITY CLEARANCE

D8.1 Each individual proposed to perform Work:

- (a) on private property;
- (b) within City facilities other than:
 - (i) an underground structure such as a manhole;
 - (ii) in areas and times normally open to the public;

may be required to obtain a Criminal Record Search Certificate from the police service having jurisdiction at his place of residence.

SCHEDULE OF WORK

D9. COMMENCEMENT

D9.1 The Contractor shall not commence any Work until he is in receipt of a Purchase Order from the Award Authority authorizing the commencement of the Work.

D9.2 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 GC:6.14;
 - (iii) evidence of the insurance specified in D7; and
 - (iv) the security clearances specified in D8.
- (b) the Contractor has attended a pre-construction meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a pre-construction meeting.

D9.3 The Contractor shall commence the Work on the Site within three (3) Working Days of the placing of an order, except where otherwise agreed to at the time of ordering.

D10. TOTAL PERFORMANCE

D10.1 The Contractor shall achieve Total Performance for each site within ten (10) consecutive Working Days of the commencement of the Work as specified in D9.

D10.2 When the Contractor or the Contract Administrator considers the Work to be totally performed, the Contractor shall arrange, attend and assist in the inspection of the Work with the Contract Administrator for purposes of verifying Total Performance. Any defects or deficiencies in the Work noted during that inspection shall be remedied by the Contractor at the earliest possible instance and the Contract Administrator notified so that the Work can be reinspected.

D10.3 The date on which the Work has been certified by the Contract Administrator as being totally performed to the requirements of the Contract through the issue of a certificate of Total Performance is the date on which Total Performance has been achieved.

D11. CONTROL OF WORK

D11.1 The Contractor shall provide a local Winnipeg telephone number at which orders for service may be placed.

D12. PRIME CONTRACTOR – THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA)

D12.1 Further to GC:6.26, 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).

MEASUREMENT AND PAYMENT

D13. INVOICES

D13.1 Further to D6.2, the Contractor shall submit invoices to the locations designated at the time of ordering.

D13.2 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 PST shown as separate amounts; and
- (f) 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. PAYMENT

- (a) Further to GC.12, payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Contractor's invoice.

WARRANTY

D15. WARRANTY

D15.1 Notwithstanding GC:13.2, the Contract Administrator may permit the warranty period for a portion or portions of the Work to begin prior to the date of Total Performance for each site if:

- (a) a portion of the Work cannot be completed because of unseasonable weather or other conditions reasonably beyond the control of the Contractor but that portion does not prevent the balance of the Work from being put to its intended use; or

D15.1.1 In such case, the date specified by the Contract Administrator for the warranty period to begin shall be substituted for the date specified in GC:13.2 for the warranty period to begin.

PART E - SPECIFICATIONS

GENERAL

E1. APPLICABLE SPECIFICATIONS, STANDARD DETAILS AND DRAWINGS

- E1.1 *The City of Winnipeg Standard Construction Specifications* in its entirety, whether or not specifically listed on Form B: Prices, shall apply to the Work.
- E1.1.1 *The City of Winnipeg Standard Construction Specifications* 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>.
- E1.1.2 The version in effect three (3) Business Days before the Submission Deadline shall apply.
- E1.1.3 Further to GC:2.4(d), Specifications included in the Bid Opportunity shall govern over *The City of Winnipeg Standard Construction Specifications*.
- E1.2 The following Drawings are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
D-1	Details-Bollards

E2. GENERAL WORK REQUIREMENT

- E2.1 The Contractor shall provide concrete repairs and paving in accordance with the requirements hereinafter specified.
- E2.2 A number of City Departments or Branches, mainly Planning, Property and Development, Public Works, Winnipeg Police Services and Fire Paramedic Departments require concrete pavement on such items as parking lots, driveways, wading pools, side walks, and drainage channels. The intent of this specification is to hire a concrete Contractor for the 2006/2007 season to carry out all concrete repairs in accordance to the Standard Construction Specifications of the City of Winnipeg (Works and Operations Division).
- E2.3 Because many of these projects are small, a mobilization cost shall be provided for each site in addition to unit costs. In the case of employee parking lots, it may be more convenient for the Contractor to complete this Work after 5:00 p.m. It is anticipated that each department will contact the Contractor individually with a list of repair projects and visit each Work Site to mark out area of Work. It will also be the responsibility of each department to confirm quantities, provide inspection and process payment.
- E2.4 The Contractor should be familiar with the City of Winnipeg Standard Construction Specifications and shall have a proven track record in concrete paving along with sufficient equipment and workers at their disposal.
- E2.5 The City of Winnipeg Standard Construction Specifications is to be strictly adhered to at all times, however method of payment will be as stated on Form B: Prices. Contractor shall provide weight tickets from authorized scales for items paid for by weight methods (see E17 Verification of Weights).
- E2.6 Note: Contractor must submit a copy of breakdown of prices to the Contract Administrator (and/ or User) Invoice must include breakdown of prices as per Form B: Prices showing the various units along with associated scale tickets used for each site. Lump sum invoicing will not be honoured for payment.
- E2.7 These specifications are intended for patching and paving of small areas.

- E2.8 All concrete on this contract shall be TYPE 1(32MPa) for all paving other than sidewalks, which shall by TYPE 2 (30 MPa):
- (a) Concrete shall meet requirements of Winnipeg Standard Construction Specification CW3310-R9.
 - (b) All concrete shall be reinforced with 10M rebar spaced at 400mm on centre.

E3. MOBILIZATION

- E3.1 This cost is to be paid to the Contractor on a per site repair. This cost covers initial visit to the site and for bringing the necessary equipment and men to the Site. There will only be one payment per Site regardless if Contractor has to return to the site to complete Work remaining from a previous day or to clean up deficiencies.

E4. REMOVAL OF CONCRETE PAVEMENT

- E4.1 In areas as designated by the City the Contractor shall saw cut the deteriorated concrete to one half the slab depth and remove the concrete and 150mm of the subgrade. The broken concrete and subgrade shall be removed off Site at the Contractor's expense. The removal of the concrete will cover demolition of concrete of various thickness plus the excavation of the subgrade.
- E4.2 The Work under this Section covers saw cutting edges (in the case of isolated patches), breaking up of the concrete, removal of the concrete, excavation of 150mm of the subgrade and disposal of the excess material. Payment shall be based on field measurements as measured by the Contract Administrator or his designate to the nearest 0.5 square metres.
- E4.3 In areas where no concrete exists and a new pavement will be required, the Contractor will be paid a separate price per square metre for excavation and removal of subgrade material under Item 4 on the Form B: Prices.

E5. REINFORCED CONCRETE PAVEMENT

- E5.1 Work under this Section covers compaction of sub grade, supply and installation of 150mm granular base, reinforcing and concrete. All material and construction shall be based on the City of Winnipeg Construction Specifications unless otherwise specified.
- E5.2 All new concrete shall be saw cut to match existing joints and these saw cuts and construction joints shall be sealed in accordance with the requirements of Specification CW3310 R9. Saw cutting and sealing for new construction is incidental to Work under this Section.
- E5.3 The Work covered under this Section does not cover supply and installation of epoxy coated tie bars, which are paid as a separate item.
- E5.4 Payment for this Work under this item is based on field measurements for the various concrete thickness as shown in the Form B: Prices. These measurements will be taken by the Contract Administrator or his designate to the nearest 0.5 square metre.

E6. UNI-STONE PAVING AND BASE

- E6.1 In some areas the City may want uni-stone walkways installed. Work under this Section covers excavation, supply 300mm of limestone base, compaction, sand bedding, precast retaining curbs and installation of standard uni-stone pavers according to Specification CW3330-R3.
- E6.2 Payment shall be made on the basis of field measurements by the Contract Administrator for uni-stone paving to the nearest 0.5 square meters.

E7. REMOVAL AND REPLACEMENT OF CONCRETE CURBS

E7.1 In areas where curb requires replacing the Contractor shall demolish the existing curb and construction of new curbs according to Specification CW3240-R5 and Drawings SD-205 and SD-206A.

E7.2 Payment for demolition and new construction shall be based on lineal measurements.

E8. ROUTING AND SEALING CONCRETE PAVING

E8.1 This unit covers repairs of routing and repairing asphalt or concrete in driveways, and parking lots as per CW3250-R6. This Work covers routing and sealing joints in concrete pavement where pavement has cracked or where old sealant has failed.

E8.2 Payment shall be on a lineal measurement.

E9. INSTALLATION OF TIE BARS OR DOWELS

E9.1 In areas where concrete patches are being made adjacent to existing concrete, the Contract Administrator may request tie bars or dowels installed. The tie bars shall be 20M epoxy coated reinforcing 600mm long. Spaced at 900mm. Dowels shall be 450mm long, 20M smooth bars @ 450 on centre. All Work shall be carried out according to Specification CW3220-R4 and Drawing D-1.

E9.2 Payment shall be on a unit basis for drilling, grouting, supply and installation for each bar.

E10. SUPPLY AND PLACE BASE COURSE

E10.1 This unit covers supply and placing granular base course or 3/4" limestone base material in areas of deep excavation or as a finish surface where concrete or interlocking pavers are not to be the finished surface. Contractor should note that the 150mm base provided under all concrete or the 300mm base under uni-stone paving is covered under another Section. This unit is for areas where extra base is requested.

E10.2 Compaction shall be by means of vibrating mechanical compactors in lifts not to exceed 150mm.

E10.3 Payment shall be based on scale weight basis or on an estimated volume for partial loads.

E11. LABOUR COMPLETE WITH HAND TOOLS

E11.1 In certain circumstances the Work assigned may require additional labour. This labour shall include the cost of an experienced cement finisher complete with hand tools such as shovels, skill saw, hammer, sledge hammer, trowel, wheelbarrow, broom, concrete drill and transportation.

E11.2 Payment for this Work will be on an hourly basis per man-hour. If material other than shown on the Form B: Prices is ordered, then payment shall be on the basis of 10% over invoice price.

E12. SUPPLY AND INSTALL PRECASE PARKING CURBS

E12.1 This item applies to supply and installing new eight-foot (8') long standard precast curbs. Installation shall consist of driving into 3 #15 x 24 inch reinforcing rods into the subgrade. In the case of replacing of existing curbs, the Contractor shall remove and dispose of deteriorated curbs.

E12.2 Payment for this Work shall be on a unit basis for each curb.

E13. SUPPLY AND INSTALLATION OF "ASR" CURBS

E13.1 This item applies to supply and installation of new 8"x5¼"x8' "ASR" (recycled Auto Shredder Residue) curbs such as "Impact-Curb" manufactured by X Potential Products (204)224-3933. Curbs shall be installed according to manufacturer's instructions. In the case of replacing existing curbs, the Contractor shall remove and dispose of deteriorated curbs.

E13.2 Payment for this Work shall be on a unit basis per curb.

E14. RELOCATION OF EXISTING PRECAST CURBS

E14.1 This item applies to the relocation of existing precast curbs (on the same site). This includes pulling out (or driving into the ground at least 3 inches below the surface) the existing dowels, moving the curb to the new location and installing 3 #15 x 18 inch steel dowels. These dowels are to be predrilled into the concrete or asphalt.

E14.2 Payment for this Work shall be on a unit basis for each curb.

E15. 4 INCH DIAMETER STEEL BOLLARDS

E15.1 Supply and install 4 inch inside diameter steel bollards set in concrete or surface mounted as per drawings. The steel bollard is to be filled and capped with concrete. Once the concrete is set the bollard shall receive 1 coat red oxide primer and 1 coat bright yellow enamel paint.

E15.2 Payment for this Work shall be on a unit basis.

E16. SODDING

E16.1 In small areas the City will require the removal of the existing grass surface (usually by excavation or rototilling) and the installation of new topsoil and sodding. All material and construction shall be based on the City of Winnipeg Standard Construction Specifications CW3510-R4 or latest revision.

E16.2 Payment for this Work is on a unit area basis, based on field measurements taken by the Contract Administrator and calculated to the nearest 0.5 square metres

E17. VERIFICATION OF WEIGHTS

E17.1 All products, which are paid for on a weight basis, shall be weighed on a scale certified by Consumer & Corporate Affairs, Canada.

E17.2 All weigh tickets shall have the gross weight and the time and date of weighing printed by an approved electro/mechanical printer coupled to the scale.

E17.3 The tare weight and net weight may either be hand written or machine printed.

E17.4 All weights, scales, and procedures shall be subject to inspection and verification by the Contract Administrator. Such inspection and verification may include, but shall not be limited to;

- (a) checking Contractors scales for Consumer & Corporate Affairs certification seals.
- (b) observing weighing procedures.
- (c) random checking of either gross or tare weights by having such trucks as the Contract Administrator shall select weighed at the nearest available certified scale.

- (d) checking tare weights shown on delivery tickets against a current tare (not more than one month old) to be carried in all trucks delivering weight measured materials to City of Winnipeg projects.

E17.5 It shall be the truck owner's responsibility to obtain this tare and keep it current. This tare shall be obtained by weighing the truck or truck/trailer(s) combination on a certified scale and shall show:

- (a) which scale the truck was weighed on
- (b) the mechanically printed tare weight
- (c) the licence number (s) of the truck and trailer(s)
- (d) the time and date of weighing

E17.6 No charge shall be made to the City for any delays or loss of production caused by such inspection and verification.

E17.7 Arrangements for the use of independent scales shall be made by the Contract Administrator and shall be at no cost to the Contractor.

E18. TRUCK WEIGHT LIMITS

E18.1 The Contractor is reminded of weight restrictions of vehicles included in the City of Winnipeg Traffic By-Law.

E18.2 The Contractor is advised that there will be no payment for any portion of a commodity, which results in the vehicle exceeding the allowable gross vehicle weight for that vehicle, unless such vehicle is operating under special permit.