

# THE CITY OF WINNIPEG

# **BID OPPORTUNITY**

**BID OPPORTUNITY NO. 473-2007** 

LIMESTONE STABILIZATION – PUBLIC SAFETY BUILDING - 151 PRINCESS STREET

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## **PART B - BIDDING PROCEDURES**

### **B1.** CONTRACT TITLE

B1.1 LIMESTONE STABILIZATION – PUBLIC SAFETY BUILDING – 151 PRINCESS STREET

## **B2. SUBMISSION DEADLINE**

- B2.1 The Submission Deadline is 12:00 noon Winnipeg time, July 4, 2007.
- B2.2 Bids determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.
- B2.3 The Contract Administrator or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

#### **B3.** SITE INVESTIGATION

- B3.1 Further to C3.1, the Contract Administrator or an authorized representative will be available at the Site from 2:00 pm to 3:00 pm on June 26, 2007 to provide Bidders access to the Site.
- B3.2 The Bidder is advised that walkway hording has been installed at four (4) elevations of the building.
- B3.3 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 D2.2(a).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 <a href="http://www.winnipeg.ca/matmgt">http://www.winnipeg.ca/matmgt</a>.
- 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 regularly and shortly before the Submission Deadline, as may be amended by addendum.
- B5.2.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 7 of Form A: Bid. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

## **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 may 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.

The City of Winnipeg

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 COMPONENTS**

- B7.1 The Bid shall consist of the following components:
  - (a) Form A: Bid;
  - (b) Form B: Prices;
- B7.2 Further to B7.1, the Bidder should include the written correspondence from the Contract Administrator approving a substitute in accordance with B6.
- B7.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely, to constitute a responsive Bid.
- B7.4 The Bid shall be submitted enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address.
- B7.4.1 Samples or other components of the Bid 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.
- B7.5 Bidders are advised not to include any information/literature except as requested in accordance with B7.1.
- B7.6 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document, including the General Conditions, may result in the Bid being determined to be nonresponsive.
- B7.7 Bids submitted by facsimile transmission (fax) or internet electronic mail (e-mail) will not be accepted.
- B7.8 Bids 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;
  - 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 9 of Form A: Bid shall be signed in accordance with the following requirements:
  - (a) if the Bidder is a sole proprietor carrying on business in his 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.
- 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 should 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 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.
- B9.2 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; and
  - (b) be financially capable of carrying out the terms of the Contract; and
  - (c) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract.
- B10.2 The Bidder and any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:
  - (a) be responsible and not be suspended, debarred or in default of any obligations to the City (a list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Branch internet site at <a href="http://www.winnipeg.ca/matmgt">http://www.winnipeg.ca/matmgt</a>).
- B10.3 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:
  - (a) have successfully carried out work similar in nature, scope and value to the Work; and
  - (b) be fully capable of performing the Work required to be in strict accordance with the terms and provisions of the Contract; and

- (c) have a written workplace safety and health program if required pursuant to The Workplace Safety and Health Act (Manitoba);
- (d) the bidders supervisor has successful experience with this type of work.
- B10.4 The Bidder shall submit, within three (3) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.
- B10.5 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

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

- B11.1 Bids 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 Following the submission deadline, the names of the Bidders and their Total Bid Prices (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 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 8 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 8 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 C23.3, 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.
- 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 9 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 will:
  - (a) retain the Bid until after the Submission Deadline has elapsed:

- (b) open the Bid to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 9 of Form A: Bid; and
- (c) if the notice has been given by any one of the persons specified in 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 is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements or minor informalities or irregularities, if the interests of the City so require.
- 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 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.

## **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 Subject to B15.2, 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.
- B15.3.1 Following the award of contract, a Bidder will be provided with information related to the evaluation of his Bid upon written request to the Contract Administrator.
- B15.4 Notwithstanding C4, the City will issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract.
- B15.5 The Contract, as defined in C1.1, 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**

## CO. GENERAL CONDITIONS

- C0.1 The General Conditions for Construction (Revision 2006 12 15) are applicable to the Work of the Contract.
- C0.1.1 The *General Conditions for Construction* 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.
- C0.2 A reference in the Bid Opportunity to a section, clause or subclause with the prefix "C" designates a section, clause or subclause in the *General Conditions for Construction*.

## **PART D - SUPPLEMENTAL CONDITIONS**

#### **GENERAL**

## D1. GENERAL CONDITIONS

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

## D2. SCOPE OF WORK

- D2.1 The Work to be done under the Contract shall consist of Stabilization of Limestone Cladding/Repair.
- D2.2 The major components of the Work are as follows:

The Work shall include all material, labour, equipment, testing, access, and incidentals. The additional time required to complete the inspection passes with the Contract Administrator and the loose fracture removal shall be included in the fixed price of the swing-stage supply and installation.

- (a) Method A: Installation of through-stone Helifix anchors to reinforce existing anchorage as well as application of Dow 790 sealant to the void created by the anchor, as per manufacturer's specifications. Refer to Detail A of Drawing SK-2.
- (b) **Method B:** Installation of steel straps over the stone and anchorage of the steel straps into the concrete precast backup. Refer to Detail B of Drawing SK-2.
- (c) **Method C:** Removal of entire stone panel. Payment will be on a 1 square foot basis. Includes application of Dow Corning 790 Sealant around the entire perimeter of the removal area, trimming all exposed existing anchors flush with the exterior surface of the precast concrete substrate, as well as reinforcement of the perimeter of the removal area with 8 Helifix anchors. Refer to Detail C of Drawing SK-2.
- (d) Method D: Removal of loose fractured segments of stone panels. Payment will be based on a 0.5 square foot basis. Includes application of Dow Corning 790 Sealant around the entire perimeter of the removal area, trimming all exposed existing anchors flush with the exterior surface of the precast concrete substrate, as well as reinforcement of the perimeter of the removal area with 2 Helifix anchors. Refer to Detail D of Drawing SK-2.

#### D3. CONTRACT ADMINISTRATOR

D3.1 The Contract Administrator is Tuplin Group Inc., represented by:

Garth Darrach

Principal

33 - 101 Hutchings Street, Winnipeg, Manitoba, R2X 2V4

Telephone No. (204) 942-6818 Facsimile No. (204) 943-7516

D3.2 At the pre-construction meeting, Garth Darrach will identify additional personnel representing the Contract Administrator and their respective roles and responsibilities for the Work.

## D4. CONTRACTOR'S SUPERVISOR

D4.1 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.

## D5. NOTICES

- D5.1 Except as provided for in C23.2.2, 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.
- D5.2 All notices, requests, nominations, proposals, consents, approvals, statements, authorizations, documents or other communications to the City, except as expressly otherwise required in D5.3, D5.4 or elsewhere in the Contract, shall be sent to the attention of the Contract Administrator at the address or facsimile number identified in D2.2(a).1.
- D5.3 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 Attn: Chief Administrative Officer Administration Building, 3rd Floor 510 Main Street Winnipeg MB R3B 1B9

Facsimile No.: (204) 949-1174

D5.4 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 Attn: City Solicitor 185 King Street, 3rd Floor Winnipeg MB R3B 1J1

Facsimile No.: (204) 947-9155

#### **SUBMISSIONS**

## D6. AUTHORITY TO CARRY ON BUSINESS

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

## D7. INSURANCE

- D7.1 The Contractor shall provide and maintain the following insurance coverage:
  - (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) inclusive, with The City of Winnipeg added as an additional insured, with a cross-liability clause, such liability policy to also contain contractual liability, unlicensed motor vehicle liability, non-owned automobile liability and products and completed operations, to remain in place at all times during the performance of the Work and throughout the warranty period;
  - (b) automobile liability insurance for 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 Contract Administrator with a certificate(s) of insurance, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement of any Work but in no event later than seven (7) Calendar Days from notification of the award of Contract by Purchase Order.
- 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. PERFORMANCE SECURITY

- D8.1 If the Contract Price exceeds twenty-five thousand dollars (\$25,000.00), the Contractor shall provide and maintain performance security until the expiration of the warranty period in the form of:
  - (a) a performance bond of a company registered to conduct the business of a surety in Manitoba, in the form attached to these Supplemental Conditions (Form H1: Performance Bond), in the amount of fifty percent (50%) of the Contract Price; or
  - (b) an irrevocable standby letter of credit issued by a bank or other financial institution registered to conduct business in Manitoba and drawn on a branch located in Winnipeg, in the form attached to these Supplemental Conditions (Form H2: Irrevocable Standby Letter of Credit), in the amount of fifty percent (50%) of the Contract Price; or
  - (c) a certified cheque or draft payable to "The City of Winnipeg", drawn on a bank or other financial institution registered to conduct business in Manitoba, in the amount of fifty percent (50%) of the Contract Price.
- D8.1.1 Where the performance security is in the form of a certified cheque or draft, it will be deposited by the City. The City will not pay any interest on certified cheques or drafts furnished as performance security.
- D8.2 The Contractor shall provide the City Solicitor with the required performance security within seven (7) Calendar Days of notification of the award of the Contract by way of Purchase Order and prior to the commencement of any Work on the Site.

#### D9. SECURITY CLEARANCE

- D9.1 The City will conduct a Level Two Security Clearance Check, for any individual proposed to perform Work under the Contract at Winnipeg Police Service facilities.
- D9.2 The Contractor shall provide the Contract Administrator with a list of individuals proposed to perform Work under the Contract at Winnipeg Police Service facilities:
  - (a) within five (5) Business Days of the Award of Contract; or
  - (b) in the case of additional or replacement individuals during the term of the Contract, at least thirty (30) Calendar Days before each individual is proposed to commence Work at Winnipeg Police Service facilities.
- D9.3 Each individual or Contractor proposed to perform Work under the Contract at Winnipeg Police Service facilities shall provide:
  - (a) A list of names (including maiden names), addresses, dates of birth and telephone numbers of all immediate family members including stepbrothers, stepsisters, half-brothers and half-sisters, and their spouses, common-law spouses, boyfriends, girlfriends and their family members. The list should be typed in the following format:

John James SMITH 123 Anywhere Street Winnipeg, Manitoba Dob: 45 Aug 24 (father)

555-5555

(b) A list of names, addresses, dates of birth and telephone numbers of four closest friends. Include information indicating when, where and how they met. The list should be typed in the following format:

Joseph James SMITH 789 Anywhere Street Winnipeg, Manitoba When they met: Where they met: How they met: Dob: 46 Aug 4 (best friend) 555-5555

- (c) The name, title or position, and telephone number of the immediate supervisor.
- (d) A list of every past address, including the dates of residence, the names of any persons with whom the residence was shared and the reason for moving.
- (e) Identification driver's license (with photo), birth certificate or social insurance number (SIN).
  - (a) Photocopies of the identification must be legible, signed as true copies and witnessed by the contact person stated on Paragraph 3 Form A: Bid.
- (f) A completed Form P-608: Security Clearance Check authorization form.
  - (a) Signature of Witness shall be signed by the contact person stated on Paragraph 3 Form A: Bid.
- (g) A cheque made payable to the City of Winnipeg in the amount of One hundred and eighty dollars (\$180.00).
- D9.4 Each individual shall submit the required information, form and payment to the Winnipeg Police Service Division 30 Clerk at Main Floor, 151 Princess Street:
  - (a) within five (5) Business Days of the Award of Contract; or
  - (b) in the case of an additional or replacement individual during the term of the Contract, at least thirty (30) Calendar Days before the individual is proposed to commence Work at Winnipeg Police Service facilities.
- D9.5 Any individual for whom a satisfactory Level Two Security Clearance is not obtained will not be permitted to perform any Work within Winnipeg Police Service facilities.
- D9.6 Any satisfactory Security Clearance obtained thereby will be deemed valid for two (2) years from the date of clearance, subject to a repeated Security Clearance Check as hereinafter specified.
  - (a) Each individual doing Work in a Winnipeg Police Service Facility shall provide identification upon entry to verify they have received a Level Two security clearance.
- D9.7 Notwithstanding the foregoing, at any time during the term of the Contract, the City may, at its sole discretion and acting reasonably, require a further Security Clearance Check. Any individual who fails to obtain a satisfactory Security Clearance Check as a result of a repeated Security Clearance Check will not be permitted to continue to perform Work under the Contract at Winnipeg Police Service Facilities.
- D9.8 Any individual who fails to obtain a satisfactory Security Clearance Check may request reconsideration by writing to:

Winnipeg Police Service

Division 30

Service Security

Attn: Service Security Officer

151 Princess Street

Winnipeg, Manitoba

R3B 1L1

(a) There is no additional fee for the application for reconsideration.

## **SCHEDULE OF WORK**

## D10. COMMENCEMENT

- D10.1 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.
- 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 of authority to carry on business specified in D6;
    - (ii) evidence of the workers compensation coverage specified in C6.15;
    - (iii) evidence of the insurance specified in D7;
    - (iv) the performance security specified in D8;
    - (v) the security clearances specified inD9.
  - (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.
- D10.3 The Contractor shall commence the Work on the Site within seven (7) Working Days of receipt of the Purchase Order.
- D10.3.1 If the actual date of award is later than the intended date, the dates specified for Critical Stages, Substantial Performance, and Total Performance will be adjusted by the difference between the aforementioned intended and actual dates.

#### D11. CRITICAL STAGES

- D11.1 The Contractor shall achieve critical stages of the Work in accordance with the following requirements:
  - (a) Phase 1 start the work within seven (7) working days of receipt of the purchase order and complete the work within thirty-five (35) working days.
  - (b) Phase 2 start the work October 22, 2007 and complete the work within thirty-five (35) working days by December 7, 2007.

## D12. TOTAL PERFORMANCE

- D12.1 The Contractor shall achieve Total Performance by December 7, 2007.
- D12.2 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.
- D12.3 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.

## D13. LIQUIDATED DAMAGES

- D13.1 If the Contractor fails to achieve critical stages, Substantial Performance or Total Performance in accordance with the Contract by the days fixed herein for same, the Contractor shall pay the City the following amounts per Working Day for each and every Working Day following the days fixed herein for same during which such failure continues:
  - (a) Phase 1 two hundred dollars (\$200.00) per working day if the work is not completed within thirty-five (35) working days of receipt of the purchase order.

(b) Total Performance – Phase 2 – two hundred dollars (\$200.00) per working day if the work is not completed within thirty-five (35) working days of receipt of the purchase order - December 7, 2007.

## **CONTROL OF WORK**

#### D14. JOB MEETINGS

- D14.1 Regular weekly job meetings will be held at the Site. These meetings shall be attended by a minimum of one representative of the Contract Administrator, one representative of the City and one representative of the Contractor. Each representative shall be a responsible person capable of expressing the position of the Contract Administrator, the City and the Contractor respectively on any matter discussed at the meeting including the Work schedule and the need to make any revisions to the Work schedule. The progress of the Work will be reviewed at each of these meetings.
- D14.2 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever he deems it necessary.

## D15. PRIME CONTRACTOR – THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA)

D15.1 Further to C6.24, 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**

## D16. PAYMENT

D16.1 Further to C12, effective January 1, 2007 the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

## D17. PAYMENT SCHEDULE

- D17.1 Further to C12, payment shall be in accordance with the following payment schedule:
  - (a) Contractor to submit monthly progress billings on the 25<sup>th</sup> day of each month to the Contract Administrator approval.

#### **WARRANTY**

### D18. WARRANTY

- D18.1 Notwithstanding C13.2, the warranty period shall begin on the date of Total Performance and shall expire one (1) year thereafter, except where longer warranty periods are specified in the respective Specification sections, unless extended pursuant to C13.2.1 or C13.2.2, in which case it shall expire when provided for thereunder.
- D18.1.1 For the purpose of Performance Security, the warranty period shall be one (1) year.
- D18.2 Notwithstanding C13.2, 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 if 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.
- D18.2.1 In such case, the date specified by the Contract Administrator for the warranty period to begin shall be substituted for the date specified in C13.2 for the warranty period to begin.

# FORM H1: PERFORMANCE BOND

(See D8)

KNOW ALL MEN BY THESE PRESENTS THAT			
(herei	nafter called the "Princ	ipal"), and	
	nafter called the "Sure the "Obligee"), in the s	ety"), are held and firmly bound unto <b>THE CITY OF W</b> sum of	INNIPEG (hereinafter
		dollars (\$	)
sum t	ne Principal and the S	o be paid to the Obligee, or its successors or assigns, for Surety bind themselves, their heirs, executors, administrate, firmly by these presents.	
WHEF	REAS the Principal has	s entered into a written contract with the Obligee dated the	Э
	day of	, 20 , for:	
BID O	PPORTUNITY NO. 47	3-2007	
LIMES	STONE STABILIZATIO	ON – PUBLIC SAFETY BUILDING – 151 PRINCESS STR	EET
which	is by reference made p	part hereof and is hereinafter referred to as the "Contract"	, .
NOW	THEREFORE the cond	dition of the above obligation is such that if the Principal s	shall:
(a) (b) (c) (d) (e)	forth in the Contract and in accordance with the terms and conditions specified in the Contract; (b) perform the Work in a good, proper, workmanlike manner; (c) make all the payments whether to the Obligee or to others as therein provided; (d) in every other respect comply with the conditions and perform the covenants contained in t Contract; and		
		SHALL BE VOID, but otherwise shall remain in full force a for a greater sum than the sum specified above.	nd effect. The Surety
nothin or rele	g of any kind or matte	ARED AND AGREED that the Surety shall be liable as whatsoever that will not discharge the Principal shall of Surety, any law or usage relating to the liability of Su	perate as a discharge
IN WI	TNESS WHEREOF the	e Principal and Surety have signed and sealed this bond t	the
	day of	, 20	

The City of Winnipeg Bid Opportunity No. 473-2007 Supplemental Conditions Page 8 of 11

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SIGNED AND SEALED in the presence of:	(Name of Principal)	
(Witness)	Per:	(Seal)
(**************************************	Per:	
	(Name of Surety)	
	By:(Attorney-in-Fact)	(Seal)

# FORM H2: IRREVOCABLE STANDBY LETTER OF CREDIT (PERFORMANCE SECURITY)

(See D8)

(Date)	
Corpo Legal 185 Ki	y of Winnipeg ate Services Department Services Division ng Street, 3rd Floor eg MB R3B 1J1
RE:	PERFORMANCE SECURITY - BID OPPORTUNITY NO. 473-2007
	LIMESTONE STABILIZATION – PUBLIC SAFETY BUILDING – 151 PRINCESS STREET
Pursua	nt to the request of and for the account of our customer,
(Name	* Contractor)
(Addres	of Contractor)
	REBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding ggregate
	_ Canadian dollars.
demar Letter payme	andby Letter of Credit may be drawn on by you at any time and from time to time upon writter d for payment made upon us by you. It is understood that we are obligated under this Standby of Credit for the payment of monies only and we hereby agree that we shall honour your demand fo not without inquiring whether you have a right as between yourself and our customer to make such d and without recognizing any claim of our customer or objection by the customer to payment by us.
	nount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upor u or by formal notice in writing given to us by you if you desire such reduction or are willing that it be
Partial	drawings are permitted.
	gage with you that all demands for payment made within the terms and currency of this Standby of Credit will be duly honoured if presented to us at:
(Addres	)
and w	confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.
Subject to the condition hereinafter set forth, this Standby Letter of Credit will expire on

(Date)

It is a condition of this Standby Letter of Credit that it shall be deemed to be automatically extended from year to year without amendment from the present or any future expiry date, unless at least 30 days prior to the present or any future expiry date, we notify you in writing that we elect not to consider this Standby Letter of Credit to be renewable for any additional period.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (1993 Revision), International Chamber of Commerce Publication Number 500.

(Name	e of bank or financial institution)
Per:	(Authorized Signing Officer)
Per:	(Authorized Signing Officer)
01.	(Authorized Signing Officer)

The City of Winnipeg
Bid Opportunity No. 473-2007
Template Version: C320070404



## WINNIPEG POLICE SERVICE SECURITY CLEARANCE CHECK SERVICES – DIVISION 30

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-	et rakti ana	20 211101011100	
NAME OF EMPLOYER & BUSINESS ADDRESS:			
NATURE OF WORK BEING DONE LIMESTONE STABILIZATION – PU			STREET
WARNING: ANY FALSE OR INC	OMPLETE INFORMA	TION MAY RESULT II	N REJECTION OF THIS APPLICATION
EMPLOYEE INFORMATION			
LAST NAME:		GIVEN NAMES:	
BIRTH NAME OR OTHER NAME(S)	USED:	different from above)	
□ MALE □ FEMALE	DATE OF BIRTH:	ŕ	BIRTH PLACE:
ADDRESS:	Y	M D	PROVINCE:
POSTAL CODE:	RESIDE	NTIAL PHONE:	I NOVINGE.
AUTHORIZATION			
I, hereby authorize any employer or other person, to whom a duplicate or photocopy of this document is provided, to furnish any information, opinions, reports, records or copies which may be requested by the Winnipeg Police Service, in connection with the undersigned's application for a security check as a person contracted or associated with the Winnipeg Police Service.  I consent to the collection, use, disclosure, transmittal and examination of all information compiled by the Winnipeg Police			
with this authorization.	if action against any pe	rson or institution prov	riding information or opinions in compliance
Signature of Witness			Signature of Applicant
WINNIPEG POLICE SERVICE - FOR OFFICE USE ONLY			
RESULT OF CHECK:			
NO POLICE RECORD OF CRIMINAL CONVICTIONS WAS ASSOCIATED TO ANY SUBJECT WITH THE SAME NAME AND DATE OF BIRTH.			
AN OUTSTANDING CRIMINAL CHARGE AWAITING COURT DISPOSITION WAS ASSOCIATED TO A SUBJECT WITH THE SAME NAME AND DATE OF BIRTH.			
A POLICE RECORD OF CRIMIN	IAL CONVICTIONS WAS AS	SOCIATED TO A SUBJECT	T WITH THE SAME NAME AND DATE OF BIRTH.
PROCESSED BY:			
Clerk	WPS#		Date

## **PART E - SPECIFICATIONS**

#### **GENERAL - SECTION**

## E1. APPLICABLE SPECIFICATIONS AND DRAWINGS

- E1.1 These Specifications shall apply to the Work.
- E1.2 The City of Winnipeg Standard Construction Specifications in its entirety, whether or not specifically listed on Form B: Prices, shall apply to the Work.
- E1.2.1 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.
- E1.2.2 The version in effect three (3) Business Days before the Submission Deadline shall apply.
- E1.2.3 Further to C2.4(d), Specifications included in the Bid Opportunity shall govern over *The City of Winnipeg Standard Construction Specifications*.
- E1.3 The following are applicable to the Work:

Drawing No.

SK-1

Plan View and Elevations

SK-2 Details and Notes

#### E2. WORK COVERED IN THIS SECTION

E2.1 Cracking and debonding of the stone cladding has occurred. As a result of this, a program of interim stabilization is required. The identification and stabilization of such areas is required to reduce the possibility of sections of the stone panel falling away from the building. The following section covers all aspects of the repair and/or removal of the Tyndall stone.

## E3. DESIGN CONSIDERATIONS

- E3.1 The Tyndall stone cladding has a nominal thickness of 37 mm and is bonded to a precast concrete panel approximately 87 mm thick. This section includes details for temporarily anchoring the stone panels to the structural backup in areas required, as determined on-Site by the Contract Administrator.
- E3.2 Small, shallow stone spalls or sections that are fully debonded from the substrate are to be removed by the Contractor. All locations are to be identified and measured by the Contract Administrator.
- E3.3 This specification shall be read in conjunction with the attached contract drawings.
- E3.4 All unit quantities are to be identified and measured by the Contract Administrator's representatives.
- E3.5 The manufacturer's specifications shall be followed at all times.

#### E4. DELIVERY, STORAGE AND HANDLING

- E4.1 Keep material dry. Protect from weather, freezing and contamination.
- E4.2 Ensure that manufacturer's labels and seals are intact upon delivery.
- E4.3 Remove rejected or contaminated material from Site.

## E5. STORAGE AND PROTECTION

E5.1 Protect adjacent finished work against damage that may be caused by on-going Work.

## E6. EXISTING CONDITIONS

E6.1 The Contract Administrator is to be notified of areas of deteriorated masonry revealed during Work which fall outside of the specified repair scope.

#### E7. WORK INCLUDED

- E7.1 The Work shall include all material, labour, equipment, testing, access, and incidentals. The additional time required to complete the inspection passes with the Contract Administrator and the loose fracture removal shall be included in the fixed price of the swing-stage supply and installation.
- E7.2 This specification section presents the four individual procedures available for the masonry stabilization:
  - (a) Method A: Installation of through-stone Helifix anchors to reinforce existing anchorage as well as application of Dow 790 sealant to the void created by the anchor, as per manufacturer's specifications. Refer to Detail A of Drawing SK-2.
  - (b) **Method B:** Installation of steel straps over the stone and anchorage of the steel straps into the concrete precast backup. Refer to Detail B of Drawing SK-2.
  - (c) **Method C:** Removal of entire stone panel. Payment will be on a 1 square foot basis. Includes application of Dow Corning 790 Sealant around the entire perimeter of the removal area, trimming all exposed existing anchors flush with the exterior surface of the precast concrete substrate, as well as reinforcement of the perimeter of the removal area with 8 Helifix anchors. Refer to Detail C of Drawing SK-2.
  - (d) Method D: Removal of loose fractured segments of stone panels. Payment will be based on a 0.5 square foot basis. Includes application of Dow Corning 790 Sealant around the entire perimeter of the removal area, trimming all exposed existing anchors flush with the exterior surface of the precast concrete substrate, as well as reinforcement of the perimeter of the removal area with 2 Helifix anchors. Refer to Detail D of Drawing SK-2.

## E8. MATERIALS

- E8.1 Anchors used to reinforce existing stone cladding panel anchorage to be 10 mm Helifix stainless steel wall ties, manufactured and supplied by Helifix North America Corporation, 110 Maplecrete Road, Concord, ON, Phone: 1-888-992-9989.
- E8.2 Anchors to secure steel straps to be Hilti 304 or 316 stainless steel 10 mm Kwik Bolt II's, available from Hilti, 120 Bannister Road, Winnipeg, MB, Phone: 1-800-363-4458.
- E8.3 Stainless steel short strapping to be Type 302 stainless or better, with a thickness of not less than 16 gauge.

## E9. EXECUTION

## E9.1 Method A

- E9.1.1 At panels designated for reinforcement, one anchor shall be installed for every 2.5 square feet of stone area, but panels designated for reinforcement measuring 1 square foot or larger shall have a minimum of two (2) anchors installed.
- E9.1.2 Pre-drill an 8 mm entry hole through the limestone cladding and into the precast concrete backup to a depth of 75 mm into the concrete. The hole must be of sufficient depth so that the anchor head will be recessed below the stone surface by 6 mm. The hole shall be

- drilled at 30° above the horizontal. Confirm that drill hole diameter is in accordance with manufacturer's specifications for anchors to be utilized.
- E9.1.3 Connect insertion tool assembly to a high speed hammer drill to drive Helifix 10 mm anchor through the limestone cladding into the concrete until the end of the tie is recessed a minimum 6 mm from the face of the limestone cladding.
- E9.1.4 Patch outer face of stone in accordance with specifications using Dow Corning 790 so that anchor location is concealed. Surface that is to be weather sealed must be free of contaminants.
- E9.1.5 Work of this method, except as specified otherwise, will be measured by the Contract Administrator. It will be paid for under payment items from which a unit price applies. Anchor installations shall be based on a per anchor (each) basis.

#### E9.2 Method B

- E9.2.1 At areas designated for 16 gauge Type 302 or better stainless steel strapping, 10 mm stainless steel Hilti Kwik Bolt II anchors, complete with 25 mm diameter stainless steel washer and Hex nut are to be utilized to secure the metal panel to the concrete precast back up.
- E9.2.2 Using an electric drill, drill a 12 mm hole through the stone and 50mm into the precast concrete structural backup. Use non-hammer setting when drilling through the stone only. Ensure new anchors are a minimum of 200 mm from existing pins.
- E9.2.3 Supply and install Hilti 10 mm anchors through stone, and set 50 mm into concrete backup. Anchors to be 304 or 316 stainless steel complete with stainless steel plate washer and hex nut.
- E9.2.4 Ensure anchors are torqued to manufacturer's specifications.
- E9.2.5 Work of this method, except as specified otherwise, will be measured by the Contract Administrator. It will be paid for under payment items from which a unit price applies. Steel strap installations shall be based on a per lineal foot (LF) basis.

## E9.3 Method C

- E9.3.1 Using a grinder, cut around the perimeter of the unsound panel designated for removal by the Contract Administrator's representative.
- E9.3.2 Using a cold chisel or electric chipping hammer, remove the limestone from the unsound area, leaving the underlying concrete unscathed.
- E9.3.3 Weather seal entire perimeter (stone/concrete interface) with a cant strip of Dow Corning 790 Sealant. Surface that is to be weather sealed must be free of contaminants.
- E9.3.4 Install 8 Helix anchors around perimeter of removal area.
- E9.3.5 Work of this method, except as specified otherwise, will be measured by the Contract Administrator. It will be paid for under payment items from which a unit price applies.

### E9.4 Method D

- E9.4.1 Using a grinder, cut a fracture plane around the perimeter of the unsound area designated for removal by the Contract Administrator's representative.
- E9.4.2 Using a cold chisel or electric chipping hammer, remove the limestone from the unsound area, leaving the underlying concrete unscathed.
- E9.4.3 Install Helifix anchors, one per side per square foot of stone removal. Example, if the dimension of the stone removal area is two feet by two feet, install two Helifix anchors per side of opening.
- E9.4.4 Weather seal stone/concrete interface with a cant strip of Dow Corning 790 Sealant. Surface that is to be weather sealed must be free of contaminants.

- E9.4.5 Work of this section, except as specified otherwise, will be measured by the Contract Administrator. It will be paid for under payment items from which a unit price applies.
- E9.5 Some work may require additional set-up due to noise control considerations for the accommodation of interior operations.
- E9.6 Repair types C and D may require the relocation and or remobilization of he swing-stage and equipment. The Contractor shall therefore provide a separate price to re-mobilize the necessary material, labour, and equipment to remove stone panels at locations designated by the Contract Administrator's representative after the pass in questions has been completed. Stone removal shall be based on a square foot (SF) basis.

#### E10. CLEANING

- E10.1 Clean surfaces of sealant droppings, stains and other blemishes resulting from Work of this Contract on an on-going basis.
- E10.2 All stone that is removed must be cleaned from the Site on a daily basis.
- E10.3 Smears on the wall must be cleaned immediately.
- E10.4 Use only clean water for all cleaning.

### E11. REJECTED WORK

E11.1 Remove defective Work, whether it results of poor workmanship, use of defective products or damage and whether incorporated in the Work or not, which has been rejected by the Contract Administrator's representative as failing to conform to the Contract Documents and/or Drawings. Replace or re-execute the defective Work.

## E12. TESTING

- E12.1 Tensile Testing of Hilti Anchors
- E12.1.1 The Contract Administrator's representative shall have a manufacturer's representative complete no less than five (5) load tests on the specified anchor in the existing substrate prior to commencement of the masonry repairs. The average minimum level of tensile resistance required is 500 pounds with no single test less than 400 pounds. All costs associated with testing shall be carried by the Contractor.
- E12.2 Load Testing of Helifix Anchors
- E12.2.1 At five locations designated by the Contract Administrator's representative, the Contractor shall predrill holes and insert 10 mm Helifix anchors in accordance with the manufacturer's specifications and as specified herein, to a depth of 30 mm into the stone and not into the backup. Five additional tests shall then be completed with the 10 mm anchor installed 75 mm into the concrete structural backup.
- E12.2.2 The anchor manufacturer, Helifix North America has an in-situ non-destructive load testing device. The contractor shall be responsible for obtaining and renting this load test device from the manufacturer. All costs associated with the unit rental shall be carried by the Contractor.
- E12.2.3 The tensile load test shall be carried out by the contractor in accordance with the manufacturer's specifications. Results are to be verified by the Contract Administrator. Anchor design is based on average ultimate capacity of not less than 250 pounds both in tension and shear. If results are less than 250 pounds, the anchor spacing will be decreased.