



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 160-2010-ADDENDUM-1

SINCLAIR PARK COMMUNITY CENTRE - ADDITION AND RENOVATION

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 SINCLAIR PARK COMMUNITY CENTRE - ADDITION AND RENOVATION

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, April 9th, 2010.

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 1:00 p.m. to 2:00 p.m. on March 22nd, 2010 to provide Bidders access to the Site.

B3.2 The Bidder is advised that project includes partial deconstruction and demolition of the existing 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 D3.1.

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 Division website at <http://www.winnipeg.ca/matmgt/bidopp.asp>
- B5.2.2 The Bidder is responsible for ensuring that he has received all addenda and is advised to check the Materials Management Division website for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.
- B5.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 9 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.

- 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.
- B6.10 Notwithstanding B6.2 to B6.9, and in accordance with B7.6 deviations inconsistent with the Bid Opportunity document shall be evaluated in accordance with B14.1(a).

B7. BID COMPONENTS

- B7.1 The Bid shall consist of the following components:
- (a) Form A: Bid;
 - (b) Form B: Prices;
 - (c) Signed statement regarding LEED accreditation and experience in accordance with B10.4.
- 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, will be evaluated in accordance with B14.1(a).
- 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 Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1

B8. BID

- B8.1 The Bidder shall complete Form A: Bid, making all required entries.
- B8.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:
- (a) if the Bidder is a sole proprietor carrying on business in his own name, his name shall be inserted;
 - (b) if the Bidder is a partnership, the full name of the partnership shall be inserted;
 - (c) if the Bidder is a corporation, the full name of the corporation shall be inserted;
 - (d) if the Bidder is carrying on business under a name other than his own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.

- B8.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B8.2.
- B8.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.
- B8.4 Paragraph 11 of Form A: Bid shall be signed in accordance with the following requirements:
- (a) if the Bidder is a sole proprietor carrying on business in his own name, it shall be signed by the Bidder;
 - (b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
 - (c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers and the corporate seal, if the corporation has one, should be affixed;
 - (d) if the Bidder is carrying on business under a name other than his own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.
- B8.4.1 The name and official capacity of all individuals signing Form A: Bid should be printed below such signatures.
- 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 the lump sum price in Canadian funds for the Work on Form B: Prices.
- B9.2 The Bidder shall state a separate price in Canadian funds for each of the following items of Work on Form B: Prices:
- (a) Separate Price - Item No. 1 shall be the amount to be deducted from the lump sum price for deletion of requirement for minimum 50% certified FSC (Forestry Stewardship Council) Certified wood products for LEED Credit – MR 7 – Certified Wood. See Section 01 35 21 – LEED Requirements and in accordance with Section 06 10 00 – Rough Carpentry, Section 06 40 00 – Architectural Woodwork;
 - (b) Separate Price – Item No.2 shall be the amount to be deducted from the lump sum price for the deletion of:
 - (i) Two concrete piles at corner of Arlington and Church, as per Structural drawings. Location to be site confirmed.
 - (ii) Provision of electric and data to corner of Arlington and Church, as per Electrical drawings.
 - (c) Separate Price - Item No. 3 shall be the amount to be deducted from the lump sum price for installation of ceiling tile in lieu of wood ceiling trellis above Circulation Rm 02.
 - (i) See Addendum AD-01.
 - (ii) See 160-2010_Drawing_ AD-01: Revised Ceiling Plan Above Circulation Rm. M02.
 - (iii) 160-2010_Drawing_ RE-3.
 - (iv) 160-2010_Drawing_ RE-4.
 - (d) Separate Price - Item No. 4 shall be the amount to be deducted from the lump sum price for installation of KWP wall panel system in lieu of metal cladding wall system.
 - (i) See Addendum 01.
 - (ii) 160-2010_Drawing_ AD-02.
 - (e) Separate Price - Item No. 5 shall be the amount to be deducted from the lump sum price for installation of prefinished aluminum flashing in lieu of extruded aluminum profiles for KWP panel system.

- (i) Separate price shall take into account that all wall surfaces are finished with KWP panels in lieu of metal cladding per Separate Price Item No.4.
 - (ii) See Addendum 01.
 - (iii) 160-2010_Drawing_ AD-02.
- (f) Separate Price - Item No. 6 shall be the amount to be deducted from the lump sum price for installation of fibreglass windows in lieu of curtain wall system at entrance vestibule.
 - (i) See Addendum 01.
 - (ii) 160-2010_Drawing_ AD-03.
- (g) Separate Price - Item No. 7 shall be the amount to be deducted from the lump sum price for reduced deconstruction requirements.
 - (i) See Addendum 01.
- (h) Separate Price - Item No. 8 shall be the amount to be deducted from the lump sum price for installation of VHI gypsum wall finish in lieu of ceramic tile and ceramic tile backer board at all ceramic tile locations.
 - (i) Reference Section 09 30 13 – Ceramic Tiling.
 - (ii) Reference Section 09 21 16 – Gypsum Board Assemblies.
 - (iii) Reference Drawing A-1.2
- (i) Separate Price - Item No. 9 shall be the amount to be deducted from the lump sum price for deletion of interior and exterior signage.
 - (i) Reference Section 10 14 00 – Signage.
- (j) Separate Price - Item No. 10 shall be the amount to be deducted from the lump sum price for deletion of Commercial Kitchen requirements.
 - (i) Reference Addendum 01.
 - (ii) 160-2010_Drawing_ RE-5.
 - (iii) 160-2010_Drawing_ RE-9.
 - (iv) 160-2010_Drawing_ RME-1.
- (k) Separate Price - Item No. 11 shall be the amount to be deducted from the lump sum price for deletion of Humidification system.
 - (i) Reference Addendum 01.
 - (ii) 160-2010_Drawing_ RE-8.
 - (iii) 160-2010_Drawing_ RME-2.
- (l) Separate Price - Item No. 12 shall be the amount to be deducted from the lump sum price for deletion of Smoking Area Bench and Mailbox.
 - (i) Reference Section 10 99 90 – Miscellaneous Specialties.

B9.3 Prices from Non-Resident Bidders are subject to a Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

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 Division website at <http://www.winnipeg.ca/matmgt/debar.stm>
- 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).
- B10.4 The Bidder shall provide, in his Bid:
- (a) A signed statement on the Bidder's letterhead stating:
 - (i) Whether the project LEED Coordinator (Section 01 35 21 – LEED Requirements) is a LEED® Accredited Professional. **The LEED Coordinator does not need to be in direct employ of the Bidder and may be retained as a Consultant.**
 - (ii) Whether the Bidder has completed construction projects that are targeting, or have successfully achieved, LEED certification.
- B10.5 Further to B10.3(b), the Bidder shall, within five (5) Business Days of a request by the Contract Administrator, provide proof satisfactory to the Contract Administrator that the Bidder/Subcontractor has a workplace safety and health program meeting the requirements of The Workplace Safety and Health Act (Manitoba), by providing:
- (a) a valid COR certification number under the Certificate of Recognition (COR) Program administered by the Manitoba Construction Safety Association or by the Manitoba Heavy Construction Association's Safety, Health and Environment Program; or
 - (b) a report or letter to that effect from an independent reviewer acceptable to the City. (A list of acceptable reviewers and the review template are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt>)
- B10.6 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.
- B10.7 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 Division, 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 Division website 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 Division website 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 10 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 until a Contract for the Work has been duly executed and the performance security furnished as herein provided, but any Bid shall be deemed to have lapsed unless accepted within the time period specified in Paragraph 10 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 11 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 11 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, including the right to retain the Bidder's bid security.

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, or acceptable deviation there from (pass/fail);
 - (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B10 (pass/fail);
 - (c) Total Bid Price: 98%
 - (d) LEED accredited: 1%
 - (e) LEED experience: 1%
 - (f) 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 lump sum price shown on Form B: Prices adjusted, if necessary, as follows:
- (a) The Total Bid Price shall be evaluated with a weighting of 98 points out of a total of 100 possible points. As such, the lowest Bidder shall receive the full 98 points, and the next lowest Bidders' points will be determined by using the following formula: $\text{Lowest Bid Price} \div \text{Total Bid Price}$, with the result multiplied by 98.
 - (b) if the lowest evaluated responsive Bid submitted by a responsible and qualified Bidder is within the budgetary provision for the Work, no adjustment will be made to the lump sum price bid; or
 - (c) if the lowest evaluated responsive Bid submitted by a responsible and qualified Bidder exceeds the budgetary provision for the Work, the lump sum prices of all responsive Bids submitted by responsible and qualified Bidders will be adjusted by progressively deducting separate prices in the order listed in B9.2 until a Total Bid Price within the budgetary provision is achieved, i.e., $\text{Total Bid Price} = \text{Lump Sum Price} - \text{Separate Price No. 1} - \text{Separate Price No. 2} \dots - \text{Separate Price No. 12}$.
- B14.5 Further to B14.1 (d), the Bidder is able to demonstrate that the LEED Coordinator is a LEED® Accredited Professional in accordance with B10.4 (a) (i).
- B14.6 Further to B14.1 (e), the Bidder is able to demonstrate prior LEED experience in accordance with B10.4 (a) (ii).
- B15. AWARD OF CONTRACT**
- B15.1 The City will give notice of the award of the Contract or will give notice that no award will be made.
- B15.2 The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive.
- B15.2.1 Without limiting the generality of B15.2, the City will have no obligation to award a Contract where:
- (a) the prices exceed the available City funds for the Work;
 - (b) the prices are materially in excess of the prices received for similar work in the past;
 - (c) the prices are materially in excess of the City's cost to perform the Work, or a significant portion thereof, with its own forces;
 - (d) only one Bid is received; or
 - (e) in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.
- B15.3 Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Bidder submitting the lowest evaluated responsive Bid, in accordance with B14.
- 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.

PART C - GENERAL CONDITIONS

C1. GENERAL CONDITIONS

- C1.1 The *General Conditions for Construction* (Revision 2006 12 15) are applicable to the Work of the Contract.
- C1.1.1 The *General Conditions for Construction* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm
- C1.2 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 the renovation and expansion of Sinclair Park Community Centre, 490 Sinclair.
- (a) Portions of the existing building will be deconstructed,
 - (b) Portions of the existing building will remain, and will be incorporated into the new construction.
 - (c) Portions will be new construction, which will include the addition of a gymnasium and ancillary spaces, such as kitchen, storage, circulation, viewing areas, washrooms and changerooms.
 - (d) Select landscaping and site work.

D3. CONTRACT ADMINISTRATOR

- D3.1 The Contract Administrator is Harold Funk Architect Inc. , represented by:
Gareth Simons
Architect
401-55 Donald Street
Winnipeg, MB, R3C 1L8
Telephone No. (204) 943-5087
Facsimile No. (204) 949-9231
- D3.2 At the pre-construction meeting, Gareth Simons 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 D3.1.
- D5.3 Notwithstanding C21., 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 Financial 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
Internal Services Department
Legal Services Division
Attn: City Solicitor
185 King Street, 3rd Floor
Winnipeg MB R3B 1J1

Facsimile No.: (204) 947-9155

D6. FURNISHING OF DOCUMENTS

- D6.1 Upon award of the Contract, the Contractor will be provided with five (5) complete sets of the Bid Opportunity. If the Contractor requires additional sets of the Bid Opportunity, they will be supplied to him at cost.

SUBMISSIONS

D7. AUTHORITY TO CARRY ON BUSINESS

- D7.1 The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

D8. SAFE WORK PLAN

- D8.1 The Contractor shall provide the Contract Administrator with a Safe Work Plan at least five (5) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract.
- D8.2 The Safe Work Plan should be prepared and submitted in the format shown in the City's template which is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/Safety/default.stm>

D9. INSURANCE

- D9.1 The Contractor shall provide and maintain the following insurance coverage:
- (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) 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;
- (c) all risks course of construction insurance in the amount of one hundred percent (100%) of the total Contract Price, written in the name of the Contractor and The City of Winnipeg, at all times during the performance of the Work and until the date of Total Performance.
- (d) Certificate of Insurance to indicate coverage applies to asbestos containing material (ACM) removal and disposal.

D9.2 Deductibles shall be borne by the Contractor.

D9.3 The Contractor shall provide the City Solicitor 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 the date specified in C4.1 for the return of the executed Contract.

D9.4 The Contractor shall not cancel, materially alter, or cause each policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the Contract Administrator.

D10. PERFORMANCE SECURITY

D10.1 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.

D10.1.1 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.

D10.2 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 letter of intent and prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract.

D11. DETAILED PRICES

D11.1 The Contractor shall provide the Contract Administrator with a detailed price breakdown (Form I: Detailed Prices) at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract.

D11.2 The Contractor shall state a price for each item or sub-item of the Work identified on Form I: Detailed Prices. The detailed prices must be consistent with the price(s) provided in the Contractor's Bid.

D12. SUBCONTRACTOR LIST

D12.1 The Contractor shall provide the Contract Administrator with a complete list of the Subcontractors whom the Contractor proposes to engage (Form J: Subcontractor List) at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract.

D13. DETAILED WORK SCHEDULE

D13.1 The Contractor shall provide the Contract Administrator with a detailed work schedule at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract.

D13.2 The detailed work schedule shall consist of the following:

- (a) a critical path method (C.P.M.) schedule for the Work;
 - (b) a Gantt chart for the Work based on the C.P.M. schedule; and
- all acceptable to the Contract Administrator.

D13.3 Further to D13.2(a), the C.P.M. schedule shall clearly identify the start and completion dates of all of the following activities/tasks making up the Work as well as showing those activities/tasks on the critical path:

- (a) Commencement, Substantial Performance and Completion dates.
- (b) Milestone dates for critical stages of work.
- (c) Start, completion and milestone dates for all sub-contractor work.
- (d) Important order and delivery lead time dates.
- (e) Critical path.

D13.4 Further to D13.2(b), the Gantt chart shall show the time on a weekly basis, required to carry out the Work of each trade, or specification division. The time shall be on the horizontal axis, and the type of trade shall be on the vertical axis.

D14. SECURITY CLEARANCE

D14.1 Each individual proposed to perform Work under the Contract shall be required to obtain a Criminal Record Search Certificate from the police service having jurisdiction at his place of residence.

D14.2 Prior to the commencement of any Work, and during the term of the Contract if additional or replacement individuals are proposed to perform Work, the Contractor shall supply the Contract Administrator with a Criminal Record Search Certificate obtained not earlier than one (1) year prior to the Submission Deadline, or a certified true copy thereof, for each individual proposed to perform the Work.

D14.3 Any individual for whom a Criminal Record Search Certificate is not provided, or for whom a Criminal Record Search Certificate indicates any convictions or pending charges related to property offences or crimes against another person, will not be permitted to perform any Work.

D14.4 Any Criminal Record Search Certificate obtained thereby will be deemed valid for the duration of the Contract subject to a repeated records search as hereinafter specified.

D14.5 Notwithstanding the foregoing, at any time during the term of the Contract, the City may, at its sole discretion and acting reasonably, require an updated criminal records search. Any individual who fails to provide a satisfactory Criminal Record Search Certificate as a result of a repeated criminal records search will not be permitted to continue to perform any Work.

SCHEDULE OF WORK

D15. COMMENCEMENT

- D15.1 The Contractor shall not commence any Work until he is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
- D15.2 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 D7;
 - (ii) evidence of the workers compensation coverage specified in C6.15;
 - (iii) the Safe Work Plan specified in D8;
 - (iv) evidence of the insurance specified in D9;
 - (v) the performance security specified in D10;
 - (vi) the detailed prices specified in D11;
 - (vii) the Subcontractor list specified in D12;
 - (viii) the detailed work schedule specified in D13; and
 - (ix) the security clearances specified in D14.
 - (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.
- D15.3 The Contractor shall commence the Work on the Site within seven (7) Working Days of receipt of the letter of intent.
- D15.4 The City intends to award this Contract by April 28th, 2010.

D16. SUBSTANTIAL PERFORMANCE

- D16.1 The Contractor shall achieve Substantial Performance by March 17th, 2011.
- D16.2 When the Contractor considers the Work to be substantially performed, the Contractor shall arrange, attend and assist in the inspection of the Work with the Contract Administrator for purposes of verifying Substantial 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.
- D16.3 The date on which the Work has been certified by the Contract Administrator as being substantially performed to the requirements of the Contract through the issue of a certificate of Substantial Performance is the date on which Substantial Performance has been achieved.

D17. TOTAL PERFORMANCE

- D17.1 The Contractor shall achieve Total Performance by April 15th, 2011.
- D17.2 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.
- D17.3 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.

D18. LIQUIDATED DAMAGES

- D18.1 If the Contractor fails to achieve Total Performance in accordance with the Contract by the day fixed herein for Total Performance, the Contractor shall pay the City five hundred dollars (\$500) per Working Day for each and every Working Day following the day fixed herein for Total Performance during which such failure continues.
- D18.2 The amount specified for liquidated damages in D18.1 is based on a genuine pre-estimate of the City's damages in the event that the Contractor does not achieve Total Performance by the day fixed herein for same.
- D18.3 The City may reduce any payment to the Contractor by the amount of any liquidated damages assessed.

D19. SCHEDULED MAINTENANCE

- D19.1 The Contractor shall perform the following scheduled maintenance in the manner and within the time periods required by the Specifications:
- (a) Landscaping maintenance as specified in the Landscaping drawings and specifications.
- D19.2 Determination of Substantial Performance and Total Performance shall be exclusive of scheduled maintenance identified herein. All scheduled maintenance shall be completed prior to the expiration of the warranty period. Where the scheduled maintenance cannot be completed during the warranty period, the warranty period shall be extended for such period of time as it takes the Contractor to complete the scheduled maintenance.

CONTROL OF WORK

D20. JOB MEETINGS

- D20.1 Regular biweekly 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.
- D20.2 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever he deems it necessary.

D21. PRIME CONTRACTOR – THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA)

- D21.1 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

D22. PAYMENT

- D22.1 Further to C12, the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

WARRANTY

D23. WARRANTY

- D23.1 Notwithstanding C13.2, the warranty period shall begin on the date of Substantial 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.

FORM H1: PERFORMANCE BOND
(See D10)

KNOW ALL MEN BY THESE PRESENTS THAT

_____ ,
(hereinafter called the "Principal"), and

_____ ,
(hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee"), in the sum of

_____ dollars (\$_____.)

of lawful money of Canada to be paid to the Obligee, or its successors or assigns, for the payment of which sum the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has entered into a written contract with the Obligee for

BID OPPORTUNITY NO. 160-2010-ADDENDUM-1

SINCLAIR PARK COMMUNITY CENTRE - ADDITION AND RENOVATION

which is by reference made part hereof and is hereinafter referred to as the "Contract".

NOW THEREFORE the condition of the above obligation is such that if the Principal shall:

- (a) carry out and perform the Contract and every part thereof in the manner and within the times set 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 the Contract; and
- (e) indemnify and save harmless the Obligee against and from all loss, costs, damages, claims, and demands of every description as set forth in the Contract, and from all penalties, assessments, claims, actions for loss, damages or compensation whether arising under "The Workers Compensation Act", or any other Act or otherwise arising out of or in any way connected with the performance or non-performance of the Contract or any part thereof during the term of the Contract and the warranty period provided for therein;

THEN THIS OBLIGATION SHALL BE VOID, but otherwise shall remain in full force and effect. The Surety shall not, however, be liable for a greater sum than the sum specified above.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding.

IN WITNESS WHEREOF the Principal and Surety have signed and sealed this bond the

_____ day of _____, 20____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)

**FORM H2: IRREVOCABLE STANDBY LETTER OF CREDIT
(PERFORMANCE SECURITY)**
(See D10)

(Date)

The City of Winnipeg
Internal Services Department
Legal Services Division
185 King Street, 3rd Floor
Winnipeg MB R3B 1J1

RE: PERFORMANCE SECURITY - BID OPPORTUNITY NO. 160-2010-ADDENDUM-1
SINCLAIR PARK COMMUNITY CENTRE - ADDITION AND RENOVATION

Pursuant to the request of and for the account of our customer,

(Name of Contractor)

(Address of Contractor)

WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding in the aggregate

_____ Canadian dollars.

This Standby Letter of Credit may be drawn on by you at any time and from time to time upon written demand for payment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand for payment without inquiring whether you have a right as between yourself and our customer to make such demand and without recognizing any claim of our customer or objection by the customer to payment by us.

The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be made.

Partial drawings are permitted.

We engage with you that all demands for payment made within the terms and currency of this Standby Letter of Credit will be duly honoured if presented to us at:

(Address)

and we 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 of bank or financial institution)

Per:

(Authorized Signing Officer)

Per:

(Authorized Signing Officer)

FORM I: DETAILED PRICES			
(See D11)			
SINCLAIR PARK COMMUNITY CENTRE - ADDITION AND RENOVATION			
ITEM NO.	DESCRIPTION	SPEC. REF.	AMOUNT
1.	Asbestos Abatement	Occupational Hygiene Report	
2.	General Conditions	Division 01	
3.	Cash Allowances	01 21 00	
4.	LEED Requirements	01 35 21	
5.	Waste Management and Disposal	01 74 21	
6.	Indoor Air Quality Requirements	01 81 19	
7.	LEED Commissioning	01 91 00	
8.	Demolition and Deconstruction	01 35 73 02 41 13 02 41 21	
	DIVISION 03		
9.	Concrete Forming and Accessories	03 10 00	
10.	Concrete Reinforcing	03 20 00	
11.	Cast in Place Concrete	03 30 00	
12.	Concrete Floor Hardening	03 35 05	
13.	Precast Concrete Specialties	03 48 00	
	DIVISION 04		
14.	Masonry	04 04 99	
	DIVISION 05		
15.	Structural Steel, Joists, Decking	05 12 23 05 21 00 05 31 00	
16.	Metal Fabrications	05 50 00	
	DIVISION 06		
17.	Rough Carpentry	06 10 00	
18.	Architectural Woodwork and Plastic Laminate Finishing	06 40 00 06 47 00	
	DIVISION 07		
19.	Bituminous Damp-proofing	07 11 13	
20.	Board Insulation	07 21 13 07 21 16 07 21 29.03	
21.	Vapour Retarders	07 26 00	
22.	Air Barriers	07 27 00.01	
23.	Exterior Finish Panels	07 44 56	
24.	Preformed Metal Siding	07 46 13	
25.	Modified Bituminous Roofing	07 52 00	
26.	Sheet Metal Flashing and Trim	07 62 00	
27.	Roof Hatches	07 72 33	
28.	Roof Anchors and Safety Restraints	07 72 69	

FORM I: DETAILED PRICES			
(See D11)			
SINCLAIR PARK COMMUNITY CENTRE - ADDITION AND RENOVATION			
ITEM NO.	DESCRIPTION	SPEC. REF.	AMOUNT
29.	Firestopping	07 84 00	
30.	Joint Sealants	07 92 00	
	DIVISION 08		
31.	Metal Doors and Frames	08 11 00	
32.	Aluminum Doors and Frames	08 11 16	
33.	Access Doors – Mechanical	08 31 00.01	
34.	Coiling Counter Doors	08 33 13	
35.	Glazed Aluminum Curtain Walls	08 44 13	
36.	Windows	08 50 00	
37.	Cabinet and Miscellaneous Hardware	08 70 05	
38.	Door Hardware	08 71 00	
39.	Glazing	08 80 50	
40.	Louvres and Vents	08 90 00	
	DIVISION 09		
41.	Gypsum Board Assemblies and Non-Structural Metal Framing	09 21 16	
		09 22 16	
42.	Ceramic Tiling	09 30 13	
43.	Acoustic Panel Ceilings	09 51 13	
44.	Flooring	09 65 16	
		09 65 19	
		09 68 00	
45.	Painting	09 91 23	
	DIVISION 10		
46.	Signage	10 14 00	
47.	Plastic Toilet Compartments	10 21 13.19	
48.	Toilet and Bath Accessories	10 28 10	
49.	Fire Extinguishers	10 44 16.19	
50.	Miscellaneous Specialties	10 99 90	
51.	Fire Suppression	Division 21	
52.	Plumbing	Division 22	
53.	Heating, Ventilation and Air Conditioning	Division 23	
54.	Controls	Division 25	
55.	Electrical	Division 26	
56.	Communications	Division 27	
57.	Electronic Safety and Security	Division 28	
58.	Earthwork	Division 31	
59.	Erosion and Sedimentation Control	31 25 00	
60.	Exterior Improvements	Division 32	
61.	Utilities	Division 33	

PART E - SPECIFICATIONS

GENERAL

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 Division website at <http://www.winnipeg.ca/matmgt/Spec/Default.stm>
- 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:

<u>Specification No.</u>	<u>Specification Title</u>
Division 01	General Requirements
Division 02	Existing Conditions
Division 03	Concrete
Division 04	Masonry
Division 05	Metals
Division 06	Wood, Plastics, and Composites
Division 07	Thermal & Moisture Protection
Division 08	Openings
Division 09	Finishes
Division 10	Specialties
Division 12	Furnishings
Division 21	Fire Suppression
Division 22	Plumbing
Division 23	Heating, Ventilating, and Air Conditioning
Division 25	Integrated Automation
Division 26	Electrical
Division 27	Communications
Division 28	Electronic Safety and Security
Division 31	Earthwork
Division 32	Exterior Improvements
Division 33	Utilities

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
A-0	Cover Sheet
A-1.1	General Notes, Symbols, Abbreviations, Location Map, Wall Types, Drawing Index
A-1.2	Wall Types/Finishes and Locations
A-2.1	Site Plan – Entire Site
A-2.2	Site Plan - Demolition
A-2.3	Site Plan - New
A-2.4	Site Details
A-2.5	Site Details
A-2.6	Site Details
A-3.1	Demolition Plans
A-3.2	Basement Floor Plan
A-3.3	Main Floor Plan
A-4.1	Reflected Ceiling Plan and Upper Windows

A-5.1	Roof Plan
A-5.2	Roof Plan Details
A-6.1	Building Elevations
A-6.2	Window Profiles
A-7.1	Building Cross Sections
A-7.2	Building Cross Sections
A-7.3	Wall Sections
A-7.4	Wall Sections
A-8.1	Plan Details
A-8.2	Stair Plans/Sections and Details
A-8.3	Stair Plans/Sections and Details
A-8.4	Future Elevator Sections
A-8.5	Canopy Plans/Sections and Details
A-8.6	Section Details
A-9.1	Bathroom Enlarged Plans, Elevations and Sections
A-9.2	Kitchen Enlarged Plan, Elevations and Sections
A-9.3	Office/Boardroom and Interior Elevations
A-10.1	Gym Lines
S-1.1	General Notes
S-1.2	Typical Sections and Details
S-2.1	Basement Foundation Framing Plan
S-2.2	Main Floor Foundation Plan
S-2.3	Main Floor Framing Plan
S-2.4	Roof Floor Framing Plan
S-2.5	Canopy Framing Plan and Details
S-5.1	Full Height Sections
S-5.2	Full Height Sections
S-5.3	Full Height Sections
M-0.0	Mechanical Drawing List and Legend
M-0.1	Mechanical Site Plan
M-1.1	Basement and Main Floor Plan – Plumbing Demolition layout
M-2.1	Basement and Main Floor Plan – HVAC Demolition Layout
M-3.1	Basement Plan – Plumbing and Gas Piping Layout
M-3.2	Main Floor Plan – Plumbing and Gas Piping Layout
M-4.1	Basement Plan – Heating Layout
M-4.2	Main Floor Plan – Heating Layout
M-5.1	Basement Plan – Ventilation Layout
M-5.2	Main Floor Plan – Ventilation Layout
M-6.1	Mechanical Roof Plan
M-7.1	Details
M-8.1	Details and Mechanical Sections
M-9.1	Heating Piping Schematic
E-1.0	Electrical Legend & Drawing List
E1.1	Site Plan – Electrical
EL-2.0	Basement Lighting layout
EL-2.1	Main Floor Lighting Layout
EP-2.0	Basement Floor Plan Power & Systems Layout
EP-2.1	Main Floor Plan Power & System Layout
E-3.0	Roof Plan – Electrical Layout
E-3.1	Enlarged Kitchen Plan – Electrical Layout
E-4.1	Electrical Single Line Distribution Schematic
E-5.1	Schedules
E-6.1	Details
E-6.2	Details
E-6.3	Riser Diagrams
ME-1.1	Schedules
ME-1.2	Schedules
L-1	Landscape Plan

ADDENDA

160-2010_Addendum_1_Drawing_AD-01.
160-2010_Addendum_1_Drawing_AD-02.
160-2010_Addendum_1_Drawing_AD-03.
160-2010_Addendum_1_Drawing_AD-04.
160-2010_Addendum_1_Drawing_AD-05.
160-2010_Addendum_1_Drawing_AD-06.
160-2010_Addendum_1_Drawing_DS1.
160-2010_Addendum_1_Drawing_DS2.
160-2010_Addendum_1_Drawing_RE-1.
160-2010_Addendum_1_Drawing_RE-2.
160-2010_Addendum_1_Drawing_RE-3.
160-2010_Addendum_1_Drawing_RE-4.
160-2010_Addendum_1_Drawing_RE-5.
160-2010_Addendum_1_Drawing_RE-6.
160-2010_Addendum_1_Drawing_RE-7.
160-2010_Addendum_1_Drawing_RE-8.
160-2010_Addendum_1_Drawing_RE-9.
160-2010_Addendum_1_Drawing_RE-10.
160-2010_Addendum_1_Drawing_RE-11.
160-2010_Addendum_1_Drawing_RME-1.
160-2010_Addendum_1_Drawing_RME-2.

E2. SOILS INVESTIGATION REPORT

E2.1 Further to C3.1,

E3. HAZARDOUS MATERIALS

E3.1 If asbestos or other hazardous materials are encountered during the Work of the Contract, the Contractor shall stop all work and notify the Contract Administrator immediately. Removal of hazardous materials shall be dealt with by the City and the Contractor shall await further instruction by the Contract Administrator.