



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 832-2007

**CONSTRUCTION OF BRONX PARK COMMUNITY CENTRE - HOME OF GOOD
NEIGHBOURS SENIOR CENTRE - 131 CHELSEA PLACE, WINNIPEG MANITOBA**

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 CONSTRUCTION OF BRONX PARK COMMUNITY CENTRE AND HOME OF GOOD NEIGHBOURS SENIOR CENTRE WINNIPEG MANITOBA

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 12:00 noon Winnipeg time, February 20, 2008.

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 10:00 am to 12:00 noon on February 7, 2008 to provide Bidders access to the Site.

B3.2 The Bidder is advised that the building is not always open to the Public and it is strongly recommended that all bidders attend the site walk through to minimize inconvenience and avoid re-scheduling other time and date.

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 Branch internet site at <http://www.winnipeg.ca/matmgt>.
- B5.2.2 The Bidder is responsible for ensuring that he has received all addenda and is advised to check the Materials Management Branch internet site for addenda 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 10 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 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;
- (c) Form G1: Bid Bond and Agreement to Bond, or
Form G2: Irrevocable Standby Letter of Credit and Undertaking, or
a certified cheque or draft;

B7.2 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.

B7.3 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.

B7.3.1 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.

B7.4 Bidders are advised not to include any information/literature except as requested in accordance with B7.1.

B7.5 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 non-responsive.

B7.6 Bids submitted by facsimile transmission (fax) or internet electronic mail (e-mail) will not be accepted.

B7.7 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;
- (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 12 of Form A: Bid shall be signed in accordance with the following requirements:
- (a) if the Bidder is a sole proprietor carrying on business in his own name, it shall be signed by the Bidder;
 - (b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
 - (c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers and the corporate seal, if the corporation has one, should be affixed;
 - (d) if the Bidder is carrying on business under a name other than his own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.
- B8.4.1 The name and official capacity of all individuals signing Form A: Bid shall be printed below such signatures.
- B8.4.2 All signatures 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 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 if the supply only of the millwork in kitchen 148 (designated on SP-1) is deleted and supplied by the City. Installation, mechanical and electrical work remain in lump sum price.
 - (b) Separate Price - item No. 2 shall be the amount to be deducted from the lump sum price to delete building envelope testing.
 - (c) Separate price - Item No. 3 shall be the amount to be deducted from the lump sum price if the interior window blinds are deleted.
 - (d) Separate Price - Item No. 4 shall be the amount to be deducted from the lump sum price if A manually operated steel backstop is substituted for a motorized glass backstop in accordance with Section 11 66 33 of the Specifications;
 - (e) Separate Price - Item No. 5 shall be the amount to be deducted from the lump sum price if an electrically operated gym curtain is substituted by a manual walk along gym curtain in accordance with Section 11 66 33 of the Specifications;
 - (f) Separate Price - Item No. 6 shall be the amount to be deducted from the lump sum price if Folding Partition referred to in Section 10 22 16 in Multipurpose Room is deleted. Support structure is to remain for future installation.
 - (g) Separate Price - item No. 7 shall be the amount to be deducted from the lump sum price if the following furniture and playground equipment is deleted: Drop shop; games table; see saw; sky rail; saddle spinner.
 - (h) Separate Price - item No. 8 shall be the amount to be deducted from the lump sum price to delete the Life trail including granular path, w benches, WR, and fitness station.
 - (i) Separate Price - item No. 9 shall be the amount to be deducted from the lump sum price to reduce Signage Cash allowance from \$15,000.00 to \$5,000.00..
 - (j) Separate Price - item No. 10 shall be the amount to be deducted from the lump sum price to accept Plumbing fixture and hot water tank package "A".

- (k) Separate Price - item No. 11 shall be the amount to be deducted from the lump sum price to delete air conditioning for the gymnasium.

B9.3 Notwithstanding C12.2.3(c), prices on Form B: Prices shall not include the Goods and Services Tax (GST) and Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable.

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 <http://www.winnipeg.ca/matmgt>).

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 Further to B10.3(c), the Bidder shall, within three (3) Business Days of a request by the Contract Administrator, provide proof satisfactory to the Contract Administrator that the Bidder/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 Branch internet site at <http://www.winnipeg.ca/matmgt>.)

B10.5 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.

B10.6 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. BID SECURITY

B11.1 The Bidder shall provide bid security in the form of:

- (a) a bid bond, in the amount of at least ten percent (10%) of the Total Bid Price, and agreement to bond of a company registered to conduct the business of a surety in Manitoba, in the form included in the Bid Submission (Form G1: Bid Bond and Agreement to Bond); or
- (b) an irrevocable standby letter of credit, in the amount of at least ten percent (10%) of the Total Bid Price, and undertaking 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 included in the Bid Submission (Form G2: Irrevocable Standby Letter of Credit and Undertaking); or
- (c) a certified cheque or draft payable to "The City of Winnipeg", in the amount of at least fifty percent (50%) of the Total Bid Price, drawn on a bank or other financial institution registered to conduct business in Manitoba.

B11.1.1 If the Bidder submits alternative bids, the bid security shall be in the amount of the specified percentage of the highest Total Bid Price submitted.

B11.1.2 All signatures on bid securities shall be original, and shall be witnessed or sealed as required.

B11.2 The bid security of the successful Bidder and the next two lowest evaluated responsive and responsible Bidders will be released by the City when a Contract for the Work has been duly executed by the successful Bidder and the performance security furnished as provided herein. The bid securities of all other Bidders will be released when a Contract is awarded.

B11.2.1 Where the bid security provided by the successful Bidder is in the form of a certified cheque or draft pursuant to B11.1(c), it will be deposited and retained by the City as the performance security and no further submission is required.

B11.2.2 The City will not pay any interest on certified cheques or drafts furnished as bid security or subsequently retained as performance security.

B11.3 The bid securities of all Bidders will be released by the City as soon as practicable following notification by the Contract Administrator to the Bidders that no award of Contract will be made pursuant to the Bid Opportunity.

B12. OPENING OF BIDS AND RELEASE OF INFORMATION

B12.1 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.

B12.1.1 Bidders or their representatives may attend.

B12.1.2 Bids determined by the Manager of Materials, or his designate, to not include the bid security specified in B11 will not be read out.

B12.2 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>.

B12.3 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>.

B12.4 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.

B13. IRREVOCABLE BID

- B13.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 11 of Form A: Bid.
- B13.2 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 11 of Form A: Bid.

B14. WITHDRAWAL OF BIDS

- B14.1 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.
- B14.1.1 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.
- B14.1.2 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 12 of Form A: Bid, and only such person, has authority to give notice of withdrawal.
- B14.1.3 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 12 of Form A: Bid; and
 - (c) if the notice has been given by any one of the persons specified in B14.1.3(b), declare the Bid withdrawn.
- B14.2 A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed as provided for in B13.2 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.

B15. EVALUATION OF BIDS

- B15.1 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.
- B15.2 Further to B15.1(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.
- B15.3 Further to B15.1(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.
- B15.4 Further to B15.1(c), the Total Bid Price shall be the lump sum price shown on Form B: Prices adjusted, if necessary, as follows:

- (a) 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
- (b) 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., Total Bid Price = Lump Sum Price - Separate Price No. 1 - Separate Price No. 2 - ... - Separate Price No. 11.

B15.4.1 If there is any discrepancy between the lump sum price written in figures and the lump sum price written in words, the price written in words shall take precedence.

B16. AWARD OF CONTRACT

B16.1 The City will give notice of the award of the Contract or will give notice that no award will be made.

B16.2 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.

B16.2.1 Without limiting the generality of B16.2, 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.

B16.3 Subject to B16.2, 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.

B16.3.1 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

C0. 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 the construction of a new Bronx park Community Centre and good Neighbours Senior Centre, including site work.

D2.2 The major components of the Work are as follows:

- (a) Demolition of existing buildings.
- (b) New building including all interior work.
- (c) Site work and services.

D3. CONTRACT ADMINISTRATOR

D3.1 The Contract Administrator is NumberTEN Architectural Group, represented by:

Mr. Gabe Derksen
M. Arch
310 Bannatyne Avenue
Winnipeg Manitoba
Telephone No. (204) 942-0981
Facsimile No. (204) 947-9626

D3.2 At the pre-construction meeting, Mr. Derksen 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 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

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 Branch internet site at <http://www.winnipeg.ca/matmgt>.

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 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.

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.

- (a) The certificate of insurance for the commercial liability insurance must clearly state "operations to include demolition work."

D9.4 The Contractor shall not cancel, materially alter, or cause each policy to lapse without providing at least fifteen (15) Calendar Days prior written notice to the Contract Administrator.

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 If the bid security provided in his Bid was not a certified cheque or draft pursuant to B11.1(c), 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 detailed activities/tasks making up the Work as well as showing those activities/tasks on the 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.

SCHEDULE OF WORK

D14. COMMENCEMENT

- D14.1 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.
- D14.2 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
 - (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.
- D14.3 The City intends to award this Contract by March 14, 2008.
- D14.3.1 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.

D15. SUBSTANTIAL PERFORMANCE

- D15.1 The Contractor shall achieve Substantial Performance within two hundred and twenty (220) consecutive Working Days of the commencement of the Work as specified in D14.
- D15.2 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.

D15.3 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.

D16. TOTAL PERFORMANCE

D16.1 The Contractor shall achieve Total Performance within two hundred and forty (245) consecutive Working Days of the commencement of the Work as specified in D14.

D16.2 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.

D16.3 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.

D17. LIQUIDATED DAMAGES

D17.1 If the Contractor fails to achieve Substantial Performance in accordance with the Contract by the day fixed herein for Substantial Performance, the Contractor shall pay the City Two Hundred dollars (\$200.00) per Working Day for each and every Working Day following the day fixed herein for Substantial Performance during which such failure continues.

D17.2 The amount specified for liquidated damages in D17.1 is based on a genuine pre-estimate of the City's damages in the event that the Contractor does not achieve Substantial Performance by the day fixed herein for same.

D17.3 The City may reduce any payment to the Contractor by the amount of any liquidated damages assessed.

D18. SCHEDULED MAINTENANCE

D18.1 The Contractor shall perform scheduled maintenance in the manner and within the time periods required by the Specifications.

D18.2 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

D19. JOB MEETINGS

D19.1 Regular bi-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.

D19.2 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever he deems it necessary.

D20. PRIME CONTRACTOR – THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA)

D20.1 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

D21. PAYMENT

D21.1 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.

WARRANTY

D22. WARRANTY

D22.1 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.

D22.1.1 For the purpose of Performance Security, the warranty period shall be one (1) year.

D22.2 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.

D22.2.1 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 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 dated the

_____ day of _____, 20____, for:

BID OPPORTUNITY NO. 832-2007

CONSTRUCTION OF BRONX PARK COMMUNITY CENTRE AND HOME OF GOOD NEIGHBOURS
SENIOR CENTRE WINNIPEG MANITOBA

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)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

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

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)

**CONSTRUCTION OF BRONX PARK COMMUNITY CENTRE - HOME OF GOOD NEIGHBOURS
 SENIOR CENTRE - 131 CHELSEA PLACE, WINNIPEG MANITOBA**

ITEM NO.	DESCRIPTION / SUB-TRADE WORK	Division or Section	AMOUNT
1.	General Requirements	Division 1	
2.	Demolition	Division 2	
3.	Concrete	Division 3	
4.	Masonry	Division 4	
5.	Metals - Structural Steel	Division 5	
6.	Metal Fabrications	Section 05 50 00	
7.	Finish Carpentry	Section 06 20 00	
8.	Dampproofing	Section 07 11 13	
9.	Insulation and Air Barrier	Division 7	
10.	Mineral Fibre Cement Siding	Section 07 46 23	
11.	SBS Modified Bituminous Roofing	Section 07 52 00	
12.	Sheet Metal Flashing	Section 07 62 00	
13.	Firestopping	Section 07 84 00	
14.	Sealants	Section 07 92 00	
15.	Metal Doors and Frames	Section 08 11 00	
16.	Wood Doors	Section 08 14 16	
17.	Coiling Doors	Section 08 33 23	
18.	Coiling grilles	Section 08 33 26	
19.	Sectional Doors	Section 08 36 13	
20.	Aluminum Entrances, Curtain Walls, Windows	Division 8	
21.	Door Hardware	Section 08 71 00	
22.	Glazing	Section 08 80 00	
23.	Gypsum Board Assemblies	Section 09 21 16	
24.	Stucco	Section 09 24 23	
25.	Thin Set Tiling	Section 09 31 00	
26.	Acoustic Ceilings	Section 09 51 23	
27.	Resilient Flooring, Athletic Flooring	Division 9	
28.	Carpeting	Section 09 68 00	
29.	Acoustic Panels	Section 09 84 13	

FORM I: DETAILED PRICES
 (See D11)

**CONSTRUCTION OF BRONX PARK COMMUNITY CENTRE - HOME OF GOOD NEIGHBOURS
 SENIOR CENTRE - 131 CHELSEA PLACE, WINNIPEG MANITOBA**

ITEM NO.	DESCRIPTION / SUB-TRADE WORK	Division or Section	AMOUNT
30.	Painting and Coating	Section 09 90 00	
31.	Epoxy Flooring	Section 09 95 00	
32.	Specialties	Division 10	
33.	Folding Panel Partitions	Section 10 22 16	
34.	Gymnasium Equipment	Section 11 66 33	
35.	Roller Shades	Section 12 24 13	
36.	Fire Suppression	Division 21	
37.	Plumbing	Division 22	
38.	Heating, Ventilating and Air Conditioning (HVAC)	Division 23	
39.	Controls	Division 25	
40.	Electrical	Division 26	
41.	Communications	Division 27	
42.	Electronic Safety and Security	Division 28	
43.	Earthwork	Division 31	
44.	Exterior Improvements - Landscaping	Division 32	
45.	Utilities - Civil	Division 33	
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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 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 the specification sections applicable to the Work

DIVISION 1 GENERAL REQUIREMENTS

01 10 00	Summary of Work	4
01 21 13	Allowances	1
01 31 00	Project Managing and Coordination	4
01 32 00	Construction Progress Documentation	2
01 33 00	Submittal Procedures	3
01 45 00	Quality Control	3
01 51 00	Temporary Utilities	3
01 52 00	Construction Facilities	2
01 53 00	Temporary Construction	2
01 61 00	Product Requirements	4
01 70 00	Examination and Preparation	2
01 73 30	Cutting and Patching	3
01 74 00	Cleaning	3
01 78 10	Closeout Submittals	5
01 78 40	Maintenance Requirements	3
01 79 00	Demonstration and Training	3

DIVISION 2 EXISTING CONDITIONS

02 41 16	Demolition	3
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DIVISION 3 CONCRETE

03 10 00	Concrete Formwork	4
03 11 00	Testing of Concrete	2
03 20 00	Concrete Reinforcement	4
03 30 00	Cast-in-Place Concrete	12
03 34 50	Concrete Floor Finishes	3

DIVISION 4 MASONRY

04 05 10	Masonry Procedures	6
04 10 00	Masonry Mortar	3
04 15 00	Masonry Accessories	2
04 16 00	Masonry Anchorage and Reinforcing	2

04 22 00	Concrete Unit Masonry	1
04 26 16	Veneer Masonry	3
DIVISION 5 METALS		
05 10 00	Structural Steel	7
05 20 00	Open Web Steel Joists	5
05 31 00	Structural Steel Deck	4
05 50 00	Metal Fabrications	5
DIVISION 6 WOOD, PLASTICS AND COMPOSITES		
06 10 00	Rough Carpentry	3
06 10 10	Landscape Rough Carpentry	2
06 20 00	Finish Carpentry	6
DIVISION 7 THERMAL AND MOISTURE PROTECTION		
07 11 13	Bituminous Dampproofing	2
07 21 15	Insulation	3
07 28 00	Air and Vapour Barriers	4
07 46 23	Mineral Fibre Cement Siding	3
07 52 00	SBS Modified Bituminous Roofing	7
07 62 00	Sheet Metal Flashing and Trim	3
07 72 33	Roof Hatches	2
07 84 00	Firestopping	3
07 92 00	Joint Sealers	4
DIVISION 8 OPENINGS		
08 06 00	Door Schedule	7
08 11 00	Metal Doors And Frames	5
08 14 16	Flush Wood Doors	3
08 31 19	Access Doors - Mechanical	2
08 33 23	Overhead Coiling Doors	3
08 33 26	Overhead Coiling Grilles	3
08 36 13	Sectional Doors	5
08 41 13	Aluminum Framed Entrances and Storefronts	5
08 44 13	Glazed Aluminum Curtain Walls	7
08 51 13	Aluminum Windows	6
08 71 00	Door Hardware	9
08 80 00	Glazing	5
DIVISION 9 FINISHES		
09 06 00	Room Finish Schedule	8
09 21 16	Gypsum Board Assemblies	5
09 24 23	Portland Cement Stucco	5
09 31 00	Thin Set Tiling	4
09 51 23	Acoustic Tile Ceilings	4
09 65 00	Resilient Flooring	5
09 65 66	Resilient Athletic Flooring	4
09 68 00	Carpeting	3
09 84 13	Acoustic Panels	3
09 90 00	Painting And Coating	6
09 95 00	Epoxy Flooring	3

DIVISION 10 SPECIALTIES

10 09 00	Miscellaneous Specialties	2
10 11 00	Visual Display Surfaces	3
10 21 12	HDPE Plastic Toilet Compartments	3
10 22 16	Folding Panel Partitions	4
10 28 14	Toilet and Bath Accessories	3
10 44 20	Fire Extinguishers and Safety Blankets	2

DIVISION 11 EQUIPMENT

11 66 33	Gymnasium Equipment	4
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DIVISION 12 FURNISHINGS

12 24 13	Roller Shades	2
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DIVISION 21 FIRE SUPPRESSION

21 05 01	Common Work Results - Mechanical General Provisions	18
21 05 04	Common Work Results - Mechanical Basic Materials and Methods	17
21 07 18	Thermal Insulation for Equipment	5
21 07 20	Thermal Insulation for Piping	7
21 13 13	Wet Pipe Sprinkler Systems	9

DIVISION 22 PLUMBING

22 42 02	Plumbing Fixtures	3
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DIVISION 23 HEATING, VENTILATING AND AIR CONDITIONING (HVAC)

23 05 93	Testing and Balancing	5
23 07 13	Acoustic and Thermal Insulation for Ducting	6
23 08 05	Commissioning	4
23 21 05	Liquid Heat Transfer	3
23 21 06	Radiant Floor Heating System (In-floor Heating System)	6
23 25 13	Pipe Cleaning and Chemical Treatment	3
23 31 00	Air Distribution	7

DIVISION 25 INTEGRATED AUTOMATION

25 01 11	EMCS: Start-up and Check-out	4
25 01 12	EMCS: Training	2
25 05 01	EMCS: General Requirements	6
25 05 02	EMCS: Shop Drawings, Product Data and Review Process	2
25 05 03	EMCS: Project Record Documents	2
25 05 54	EMCS: Identification	2
25 08 20	EMCS: Warranty and Maintenance	2
25 10 01	EMCS: Local Area Network (LAN)	2
25 10 02	EMCS: Operator Work Station (OWS)	11
25 30 01	EMCS: Building Controllers Family of Controllers	9
25 30 02	EMCS: Field Control Devices	15
25 90 01	EMCS: Site Requirements: Apps. & Systems Sequences of Operation	2

MECHANICAL EQUIPMENT SCHEDULES

A	Mechanical Specifications Approved Substitute Schedule	6
B	Air Handling Unit Schedule	6
C	Condensing Unit Schedule	2
D	Fan Coil Unit Schedule	3
E	Fan Schedule	1
F	Heat Recovery Unit Schedule	2
G	Make Up Air Unit Schedule	2
H	Grille & Diffuser Schedule	1
I	Plumbing Fixture & Equipment Schedule	9
J	Boiler Schedule	2
K	In-floor Heating System Pump Schedule	1
L	Electric Heating Coil Schedule	2
M	Gas Fired Unit Heater Schedule	2
N	Cooling Coil Schedule	1

DIVISION 26 ELECTRICAL

26 00 01	Demolition Package Electrical Specifications	2
26 00 02	Electrical General Provisions	15
26 00 04	Electrical Contractor Info	1
26 05 01	Basic Electrical Materials and Methods	8
26 05 04	Miscellaneous Apparatus and Appliances	2
26 05 21	Wire and Cables	2
26 05 22	Connectors and Terminations	1
26 05 28	Grounding	3
26 05 29	Fastenings and Supports	2
26 05 31	Cabinets, Splitters, Junction and Pull Boxes	2
26 05 32	Outlet Boxes and Fittings	2
26 05 34	Conduit	3
26 05 36	Cable Tray	2
26 05 37	Wireways	2
26 05 43	Underground Conduits & Cables	2
26 05 80	Mechanical Equipment Connections	3
26 05 94	Electric Heating and Cooling Controls	2
26 09 25	Lighting Contactor Panel	2
26 22 17	Dry-Type Distribution Transformers	3
26 24 13	Main Distribution Switch Board	6
26 24 13.10	Load Balance Test Report	2
26 24 17	Panelboards	2
26 27 26	Wiring Devices	5
26 28 14	Fuses	2
26 28 21	Circuit Breakers	2
26 29 01	Contactors	1
26 43 13	Transient Voltage Surge Suppression	4
26 50 00	Lighting	4
26 52 01	Unit Equipment for Emergency Lighting	3
26 52 01.10	Emergency Lighting Verification Form	1

DIVISION 27 COMMUNICATIONS

27 05 13	Voice Data Communications Specifications	5
27 05 14	Communications Raceways System	2
27 51 16	Public Address System	7

DIVISION 28 ELECTRONIC SAFETY AND SECURITY

28 16 00	Intrusion Alarm System	4
28 23 00	Closed Circuit Television System	1
28 31 01	Fire Alarm System	11
28 31 01.10	Fire Alarm Verification	1

DIVISION 31 EARTHWORK

31 22 13	Rough Grading	2
31 23 10	Excavation, Trenching and Backfill	4
31 62 13	Pile Foundations - General	2
31 63 32	Drilled Cast in Place Concrete Piles	4

DIVISION 32 EXTERIOR IMPROVEMENTS

32 11 23	Granular Base Courses	3
32 12 16	Asphalt Paving	2
32 13 13	Concrete Paving	2
32 14 10	Unit Paving on Sand Bed	1
32 16 15	Concrete Walks, Curbs and Gutters	2
32 31 13	Chain Link Fences and Gates	1
32 37 01	Playground and Site Furnishings	6
32 93 09	Planting Bed Preparation	3
32 93 10	Trees, Shrubs, and Ground Cover Planting	8

DIVISION 33 UTILITIES

33 11 17	Incoming Site Water Utility Distribution Piping	5
33 31 13	Public Sanitary Utility Sewerage Piping	2
33 41 00	Storm Utility Drains	3
33 42 00	Sewer Inspection	3
33 46 13	Foundation Drainage	2

E1.4 The following drawings are applicable to the Work:

Drawing No. Drawing Name/Title

ARCHITECTURAL DRAWINGS

A-1.0	Cover Sheet, Drawing List
A-1.1	Site Plan Demolition Plans
A-1.2	Foundation and Roof Plan
A-1.3	Main Floor Plan
A-1.4	Mezzanine Floor Plan
A-1.5	Main Floor & Mezzanine Floor Reflected Ceiling Plans
A-1.6	Main Floor & Mezzanine Floor - Floor Finish Plans
A-2.1	Building Elevations
A-2.2	Building Elevation Details Window Schedule
A-3.1	Building Sections – North - South
A-3.2	Building Sections – East - West
A-4.1	Wall Sections
A-4.2	Wall Sections
A-4.3	Wall Sections
A-4.4	Wall Sections
A-4.5	Wall Sections
A-4.6	Wall Sections

A-4.7	Wall Sections Details
A-5.1	Plan Details
A-5.2	Plan Details
A-6.1	Stair and Ladder Details
A-7.1	Interior Elevations
A-7.2	Interior Elevations
A-7.3	Interior Elevations
A-7.4	Interior Elevations
A-8.1	Millwork Details
A-8.2	Millwork Details
A-9.1	Main Floor Plan, Mezzanine Floor Plan: Furniture, Fittings & Equipment

STRUCTURAL DRAWINGS

S-1.0	General Notes
S-2.0	Foundation Plan
S-3.0	Mezzanine Framing Plan and Sections
S-4.0	Roof Framing Plan
S-5.0	Foundation Sections
S-5.1	Foundation Plan Details & Sections
S-6.0	Roof Sections
S-6.1	Sections

MECHANICAL DRAWINGS

M-1.1	Mechanical Legend & Drawing List
M-1.2	Mechanical Roof Plan
M-2.1	Main Floor Plan Plumbing Layout
M-2.2	Main Floor Plan - Drain, Waste, and Venting Layout
M-2.3	Mezzanine Floor Plan Plumbing Layout
M-2.4	Mechanical Plumbing Details & Schematics
M-2.5	Mechanical Plumbing Details & Schematics
M-3.1	Main Floor Plan Ventilation Layout
M-3.2	Mezzanine Floor Plan Ventilation Layout
M-3.3	Mechanical Ventilation Details & Schematics
M-3.4	Mechanical Ventilation Details & Schematics
M-4.1	Main Floor Plan In-Floor Heating Layout
M-5.1	Main and Mezzanine Floor Plan Fire Protection Layout

ELECTRICAL DRAWINGS

E-1.0	Electrical Demolition Site Plan
E-1.1	Electrical Site Plan
E-2.0	Electrical Lighting Plan
E-3.0	Electrical Main Floor Plan Power & System
E-4.0	Electrical Mezzanine Plan Details, Lighting, Power & System
E-5.0	Electrical Panel Schedules
E-5.1	Electrical Single Line

CIVIL DRAWINGS

C-1.0	Existing Site Plan
C-2.0	Site Servicing Plan

LANDSCAPE DRAWINGS

L-1.0	Existing & Removal Plan - A
L-2.0	Existing & Removal Plan - B
L-3.0	Layout Plan - A

L-4.0	Layout Plan - B
L-5.0	Paving Plan - A
L-6.0	Paving Plan - B
L-7.0	Grading Plan - A
L-8.0	Grading Plan - B
L-9.0	Planting Plan - A
L-10.0	Planting Plan - B
L-11.0	City of Winnipeg Standard Construction Details for Outdoor Hockey Rinks
L-12.0	City of Winnipeg Standard Construction Details for Site Furniture