



THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 1018-2016

CONSTRUCTION OF TRANSCONA LIBRARY – 1500 PLESSIS ROAD

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 CONSTRUCTION OF TRANSCONA LIBRARY – 1500 PLESSIS ROAD

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 12:00 noon Winnipeg time, March 17, 2017.

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. ENQUIRIES

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

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

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

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

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

B4. CONFIDENTIALITY

B4.1 Information provided to a Bidder by the City or acquired by a Bidder by way of further enquiries or through investigation is confidential. Such information shall not be used or disclosed in any way without the prior written authorization of the Contract Administrator. The use and disclosure of the confidential information shall not apply to information which:

- (a) was known to the Bidder before receipt hereof; or
- (b) becomes publicly known other than through the Bidder; or
- (c) is disclosed pursuant to the requirements of a governmental authority or judicial order.

B4.2 The Bidder shall not make any statement of fact or opinion regarding any aspect of the Bid Opportunity to the media or any member of the public without the prior written authorization of the Contract Administrator.

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/she 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 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/her 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, to the Bidder who requested approval of the substitute.
- B6.6.1 The Contract Administrator will issue an Addendum, disclosing the approved materials, equipment, methods and products to all potential Bidders. The Bidder requesting and obtaining the approval of a substitute shall be responsible for disseminating information regarding the approval to any person or persons he/she 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/her 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 B16.
- B6.9 No later claim by the Contractor for an addition to the Total Bid Price because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.
- B7. BID COMPONENTS**
- B7.1 The Bid shall consist of the following components:
- (a) Form A: Bid;
 - (b) Form B: Prices;
 - (c) Bid Security;
 - (i) 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 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 B16.1(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/her own name, his/her 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/her 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/her 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/her 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 if a painted gypsum board partition with rubber base is substituted for the vegetated wall assembly including all required mechanical and electrical services, lighting, access panel, and structural support in accordance with Sections 09 77 53 – Vegetated Wall Systems, 08 31 13 – Access Doors and Frames, and Divisions 22 – Plumbing, and 26 - Electrical of the Specifications;

B9.3 Payments to Non-Resident Contractors are subject to Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

B10. DISCLOSURE

B10.1 Various Persons provided information or services with respect to this Work. In the City's opinion, this relationship or association does not create a conflict of interest because of this full disclosure. Where applicable, additional material available as a result of contact with these Persons is listed below.

B10.2 The Persons are:

- (a) Dyregrov Robinson Inc., Consulting Geotechnical Engineers, Unit 1 – 1692 Dublin Avenue, Winnipeg, MB R3H 1A8
 - (i) Geotechnical Investigation, File No. 153930, dated April 2016.
- (b) Dillon Consulting, 1558 Willson Place, Winnipeg, MB R3T 0Y4
 - (i) Transcona Public Works Yard Subsurface Investigation Report, File No. 14-9964, dated February 20, 2015.
- (c) Pollock & Wright Land Surveying + Geomatics, 2070 Notre Dame Avenue, Winnipeg, MB R3H 0J8
 - (i) Topographic Survey, File No. 272M/15, dated November 24, 2015.

B11. QUALIFICATION

B11.1 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.

B11.2 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>

- B11.3 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);
- B11.4 Further to B11.3(c), 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 copy of their valid Manitoba COR certificate and Letter of Good Standing (or Manitoba equivalency) as issued under the Certificate of Recognition (COR) Program administered by the Construction Safety Association of Manitoba or by the Manitoba Heavy Construction Association's WORKSAFELY™ COR™ Program; or
 - (b) a copy of their valid Manitoba SECOR™ certificate and Letter of Good Standing (or Manitoba equivalency) as issued under the Small Employer Certificate of Recognition Program (SECOR™) administered by the Construction Safety Association of Manitoba or by the Manitoba Heavy Construction Association's WORKSAFELY™ COR™ Program; or
 - (c) 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/>).
- B11.5 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.
- B11.6 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.

B12. BID SECURITY

- B12.1 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.
- B12.1.1 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.
- B12.1.2 All signatures on bid securities shall be original.
- B12.1.3 The Bidder shall sign the Bid Bond.

- B12.1.4 The Surety shall sign and affix its corporate seal on the Bid Bond and the Agreement to Bond.
- B12.2 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.
- B12.2.1 Where the bid security provided by the successful Bidder is in the form of a certified cheque or draft pursuant to B12.1(c), it will be deposited and retained by the City as the performance security and no further submission is required.
- B12.2.2 The City will not pay any interest on certified cheques or drafts furnished as bid security or subsequently retained as performance security.
- B12.3 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.

B13. OPENING OF BIDS AND RELEASE OF INFORMATION

- B13.1 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.
- B13.1.1 Bidders or their representatives may attend.
- B13.1.2 Bids determined by the Manager of Materials, or his/her designate, to not include the bid security specified in B12 will not be read out.
- B13.2 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/>
- B13.3 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/>
- B13.4 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.

B14. IRREVOCABLE BID

- B14.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 11 of Form A: Bid.
- B14.2 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.

B15. WITHDRAWAL OF BIDS

- B15.1 A Bidder may withdraw his/her Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.
- B15.1.1 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.
- B15.1.2 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.
- B15.1.3 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 B15.1.3(b), declare the Bid withdrawn.
- B15.2 A Bidder who withdraws his/her Bid after the Submission Deadline but before his/her Bid has been released or has lapsed as provided for in B14.2 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.

B16. EVALUATION OF BIDS

- B16.1 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 B11 (pass/fail);
 - (c) Total Bid Price;
 - (d) economic analysis of any approved alternative pursuant to B6.
- B16.2 Further to B16.1(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.
- B16.3 Further to B16.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his/her Bid or in other information required to be submitted, that he/she is responsible and qualified.
- B16.4 Further to B16.1(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.

B17. AWARD OF CONTRACT

- B17.1 The City will give notice of the award of the Contract or will give notice that no award will be made.
- B17.2 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.
- B17.2.1 Without limiting the generality of B17.2, 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.
- B17.3 The Work of this Contract is contingent upon Council approval of sufficient funding in the 2017 Capital Budget. If the Capital Budget approved by Council does not include sufficient funding for the Work, the City will have no obligation to award a Contract.
- B17.4 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 B16.
- B17.4.1 Following the award of contract, a Bidder will be provided with information related to the evaluation of his/her 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 Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm
- 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 construction of an approximately 1,325 square metre City of Winnipeg owned neighbourhood library (Transcona), featuring a main library open space, including a multipurpose room, tutorial rooms, office, library services workroom, and auxiliary spaces. The Transcona Library construction will consist of structural steel roof and wall framing, cast-in-place concrete pile and grade beam foundation with hollow core precast concrete floor slab. Exterior wall construction will consist primarily of curtain wall and insulated steel stud walls with aluminum composite metal panel cladding.

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

- (a) Foundations
- (b) Superstructure
- (c) Building envelope.
- (d) Interior partitions and finishes.
- (e) Mechanical systems.
- (f) Electrical systems.
- (g) Site work, including underground services, and hard and soft landscaping.

D3. DEFINITIONS

D3.1 When used in this Bid Opportunity:

- (a) "Provide" means to supply and install;

D4. CONTRACT ADMINISTRATOR

D4.1 The Contract Administrator is Cibinel Architecture Limited, represented by:
Steff Beernaerts, MAA MRAIC, Project Architect

Telephone No. 204.989.8910
Email Address steff@cibinel.com

D4.2 At the pre-construction meeting, Steff Beernaerts will identify additional personnel representing the Contract Administrator and their respective roles and responsibilities for the Work.

D5. CONTRACTOR'S SUPERVISOR

D5.1 At the pre-construction meeting, the Contractor shall identify his/her designated supervisor and any additional personnel representing the Contractor and their respective roles and responsibilities for the Work.

D6. OWNERSHIP OF INFORMATION, CONFIDENTIALITY AND NON DISCLOSURE

- D6.1 The Contract, all deliverables produced or developed, and information provided to or acquired by the Contractor are the property of the City and shall not be appropriated for the Contractors own use, or for the use of any third party.
- D6.2 The Contractor shall not make any public announcements or press releases regarding the Contract, without the prior written authorization of the Contract Administrator.
- D6.3 The following shall be confidential and shall not be disclosed by the Contractor to the media or any member of the public without the prior written authorization of the Contract Administrator;
- (a) information provided to the Contractor by the City or acquired by the Contractor during the course of the Work;
 - (b) the Contract, all deliverables produced or developed; and
 - (c) any statement of fact or opinion regarding any aspect of the Contract.
- D6.4 A Contractor who violates any provision of D6 may be determined to be in breach of Contract.

D7. NOTICES

- D7.1 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 facsimile number identified by the Contractor in Paragraph 2 of Form A: Bid.
- D7.2 All notices, requests, nominations, proposals, consents, approvals, statements, authorizations, documents or other communications to the City, except as expressly otherwise required in D7.3, D7.4 or elsewhere in the Contract, shall be sent to the attention of the Contract Administrator at facsimile number identified in D4.1.
- D7.3 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 facsimile number:
- The City of Winnipeg
Chief Financial Officer
Facsimile No.: 204 949-1174
- D7.4 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 facsimile number:
- The City of Winnipeg
Legal Services Department
Attn: Director of Legal Services
Facsimile No.: 204 947-9155
- D7.5 Bids Submissions must not be submitted to the above facsimile numbers. Bids must be submitted in accordance with B7.**

D8. FURNISHING OF DOCUMENTS

- D8.1 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

D9. AUTHORITY TO CARRY ON BUSINESS

D9.1 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.

D10. SAFE WORK PLAN

D10.1 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.

D10.2 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>

D11. INSURANCE

D11.1 The Contractor shall provide and maintain the following insurance coverage at all times during the performance of the Work and until the date of Total performance:

- (a) Wrap Up Liability insurance in an amount of no less than five million dollars (\$5,000,000) inclusive per occurrence written in the name of the Contractor, sub-contractors, Consultants, sub-consultants and The City of Winnipeg, covering bodily injury, personal injury, property damage and products and completed operations consistent with industry standard insurance policy wordings. Wrap Up Liability Policy to include contractual liability, unlicensed motor vehicle liability, cross liability, and 24 months completed operations;
- (b) All risks course of construction insurance, including testing and commissioning, in the amount of 100% of the total contract price, written in the name of the Contractor, sub-contractors and The City of Winnipeg, policy to remain in place at all times during the performance of the Work and until the date of Substantial Performance.
- (c) Automobile Liability insurance for owned and non-owned automobiles used for or in connection with the Work in the amount of at least two million dollars (\$2,000,000).
- (d) An all risks property insurance policy to cover all equipment and tools that may be owned, rented, leased or borrowed to be used in conjunction with the scope of the Work.

D11.2 Deductibles shall be borne by the Contractor.

D11.3 The Contractor shall provide the Contract Administrator with a certificate(s) of insurance, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract.

D11.4 The Contractor shall not cancel, materially later, or cause the policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the Contract Administrator.

D11.5 All policies shall be taken out with insurers licensed to carry on business in the Province of Manitoba.

D12. PERFORMANCE SECURITY

- D12.1 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.
- D12.1.1 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.
- D12.2 If the bid security provided in his/her Bid was not a certified cheque or draft pursuant to B12.1(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.

D13. DETAILED PRICES

- D13.1 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.
- D13.2 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.

D14. SUBCONTRACTOR LIST

- D14.1 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.

SCHEDULE OF WORK

D15. COMMENCEMENT

- D15.1 The Contractor shall not commence any Work until he/she 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 D9;
 - (ii) evidence of the workers' compensation coverage specified in C6.15;
 - (iii) the Safe Work Plan specified in D10;
 - (iv) evidence of the insurance specified in D11;

- (v) the performance security specified in D12;
- (vi) the detailed prices specified in D13;
- (vii) the Subcontractor list 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.

D15.3.1 If the actual date of award is later than the intended date, the dates specified for Substantial Performance, and Total Performance will be adjusted by the difference between the aforementioned intended and actual dates.

D16. SUBSTANTIAL PERFORMANCE

D16.1 The Contractor shall achieve Substantial Performance by June 14, 2018.

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 August 14, 2018.

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 Substantial Performance in accordance with the Contract by the day fixed herein for Substantial Performance, the Contractor shall pay the City Two Hundred and Fifty dollars (\$250) per Calendar Day for each and every Working Day following the day fixed herein for Substantial 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 Substantial 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) Landscape maintenance of sodded areas, planting beds, shrubs, perennials and groundcovers including spring-cleaning, watering, mowing, weed control, pest and disease control, pruning, and winter preparation as specified in Section 32 92 22;
- 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 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.
- D20.2 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever he/she 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).

D22. THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA) – QUALIFICATIONS

- D22.1 Further to B11.4, the Contractor/Subcontractor must, throughout the term of the Contract, have a Workplace Safety and Health Program meeting the requirements of The Workplace Safety and Health Act (Manitoba). At any time during the term of the Contract, the City may, at its sole discretion and acting reasonably, require updated proof of compliance, as set out in B11.4.

MEASUREMENT AND PAYMENT

D23. PAYMENT

- D23.1 Further to C12, the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

WARRANTY

D24. WARRANTY

- D24.1 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.
- D24.1.1 For the purpose of Performance Security, the warranty period shall be one (1) year.
- D24.2 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 Substantial 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.
- D24.2.1 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 D12)

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. 1018-2016

CONSTRUCTION OF TRANSCONA LIBRARY – 1500 PLESSIS ROAD

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 D12)

(Date)

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

RE: PERFORMANCE SECURITY - BID OPPORTUNITY NO. 1018-2016
CONSTRUCTION OF TRANSCONA LIBRARY – 1500 PLESSIS ROAD

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 (2007 Revision), International Chamber of Commerce Publication Number 600.

(Name of bank or financial institution)

Per: _____
(Authorized Signing Officer)

Per: _____
(Authorized Signing Officer)

FORM I: DETAILED PRICES
 (See D13)

CONSTRUCTION OF TRANSCONA LIBRARY – 1500 PLESSIS ROAD

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	General requirements	Div. 01				
2.	Commissioning	Div. 01				
3.	Concrete formwork, reinforcing, and CIP concrete	03 10 00, 03 20 00 & 03 30 00				
4.	Concrete Walks, Curbs and Gutters	03 30 01				
5.	Concrete Floor Sealers	03 35 11				
6.	Bonded Concrete Overlays	03 35 30				
7.	Polished Concrete Finishing	03 35 43				
8.	Precast Concrete Hollowcore Planks	03 41 13				
9.	Architectural Precast Concrete	03 45 00				
10.	Structural Steel for Buildings, OWSJ, and Steel Decking	05 12 23, 05 21 00, & 05 30 00				
11.	Metal Fabrications	05 50 00 & 05 50 01				
12.	Exterior Site Carpentry	06 10 00				
13.	Miscellaneous Rough Carpentry	06 10 53				
14.	Sheathing	06 16 00				
15.	Architectural Woodwork	06 40 00				
16.	Dampproofing	07 11 13				
17.	Insulation	07 21 13 & 07 21 16				
18.	Vapour Retarders	07 26 00				
19.	Air Barriers	07 27 00				
20.	Composite Wall Panels	07 42 43				
21.	Modified Bituminous Membrane Roofing	07 52 00				
22.	Sheet Metal Flashing and Trim	07 62 00				
23.	Roof Hatches	07 72 33				
24.	Firestopping	07 84 00				
25.	Joint Sealants	07 92 00				
26.	Metal Doors and Frames	08 11 13				
27.	Flush Wood Doors	08 14 16				
28.	Access Doors and Frames	08 31 13				

FORM I: DETAILED PRICES
 (See D13)

CONSTRUCTION OF TRANSCONA LIBRARY – 1500 PLESSIS ROAD

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
29.	Aluminum Framed Entrances	08 41 13				
30.	Automatic Entrances	08 42 29				
31.	Structural Sealant Glazed Assemblies	08 4430				
32.	Door Hardware	08 71 00, 08 71 43 & 08 06 70				
33.	Glazing and Mirrors	08 80 50 & 08 83 00				
34.	Steel Studs and Gypsum Board	09 21 16 & 09 22 16				
35.	Tiling	09 30 00				
36.	Acoustic Panel Ceilings	09 51 13				
37.	Tile Carpeting	09 68 13				
38.	Vegetated Wall Systems	09 77 53				
39.	Painting	09 91 10				
40.	Specialties	Div. 10				
41.	Floor Mats	12 48 43				
42.	Plumbing	Div. 22				
43.	HVAC	Div. 23				
44.	Electrical	Div. 26				
45.	Communications	Div. 27				
46.	Electronic Safety and Security	Div. 28				
47.	Earthwork, grading, culverts, subdrainage	Div. 31				
48.	Precast Concrete Piles	31 62 14				
49.	Bored Concrete Piles	31 62 23				
50.	Hardscaping, including asphalt paving and pavement markings	Div. 32				
51.	Metal Fences and Gates	32 31 19				
52.	Landscaping, including topsoil, seeding, mulching, sodding, and trees, shrubs and ground cover planting	Div. 32				
53.	Site Furnishings	32 37 00				
54.	Exterior Site Signage	32 37 01				
55.	Landscape Maintenance	32 92 22				
56.	Underground Utilities	Div. 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:

Division 01 - General Requirements

- Section 01 10 00 - Summary of Work
- Section 01 19 00 - Specifications and Documents
- Section 01 21 00 - Allowances
- Section 01 31 19 - Project Meetings
- Section 01 32 00 - Construction Progress Documentation
- Section 01 33 00 - Submittal Procedures
- Section 01 35 26 - Environment Protection
- Section 01 35 46 - Indoor Air Quality Procedures
- Section 01 35 63 - Sustainability Certification Project Requirements
- Section 01 41 00 - Regulatory Requirements
- Section 01 42 00 - References
- Section 01 45 00 - Quality Control
- Section 01 51 00 - Temporary Utilities
- Section 01 52 00 - Construction Facilities
- Section 01 53 00 - Temporary Construction
- Section 01 55 26 - Traffic Control and Procedures
- Section 01 57 13 - Temporary Erosion and Sediment Control
- Section 01 61 00 - Product Requirements
- Section 01 70 00 - Examination and Preparation
- Section 01 73 00 - Execution
- Section 01 74 00 - Cleaning and Waste Processing
- Section 01 74 20 - Waste Managing and Disposal
- Section 01 75 16 - Start-Up Procedures
- Section 01 78 10 - Closeout Submittals
- Section 01 79 00 - Demonstration and Training
- Section 01 91 00 - Commissioning

Division 02 - Existing Conditions

- Section 02 41 13 - Selective Site Demolition
- Section 02 81 01 - Hazardous Materials

Division 03 - Concrete

- Section 03 10 00 - Concrete Forming & Accessories
- Section 03 20 00 - Concrete Reinforcing
- Section 03 30 00 - Cast-in-Place Concrete
- Section 03 30 01 - Concrete Walks, Curbs and Gutters
- Section 03 35 11 - Concrete Floor Sealers
- Section 03 35 30 - Bonded Concrete Overlays
- Section 03 35 43 - Polished Concrete Finishing
- Section 03 41 13 - Precast Concrete Hollowcore Planks
- Section 03 45 00 - Architectural Precast Concrete

Division 05 - Metals

- Section 05 12 23 - Structural Steel for Buildings
- Section 05 21 00 - Steel Joists
- Section 05 31 00 - Steel Decking
- Section 05 41 00 - Structural Metal Stud Framing
- Section 05 50 00 - Exterior Metal Fabrications
- Section 05 50 01 - Metal Fabrications

Division 06 - Wood, Plastics and Composites

- Section 06 10 00 - Exterior Site Carpentry
- Section 06 10 53 - Miscellaneous Rough Carpentry
- Section 06 16 00 - Sheathing
- Section 06 40 00 - Architectural Woodwork

Division 07 - Thermal and Moisture Protection

- Section 07 11 13 - Bituminous Dampproofing
- Section 07 21 13 - Board Insulation
- Section 07 21 16 - Blanket Insulation
- Section 07 26 00 - Vapour Retarders
- Section 07 27 00 - Air Barriers
- Section 07 42 43 - Composite Wall Panels
- Section 07 52 00 - Modified Bituminous Membrane Roofing
- Section 07 62 00 - Sheet Metal Flashing and Trim
- Section 07 72 33 - Roof Hatches
- Section 07 84 00 - Firestopping
- Section 07 92 00 - Joint Sealants

Division 08 - Openings

- Section 08 06 10 - Door and Frame Type Schedule
- Section 08 06 13 - Door and Frame Schedule
- Section 08 06 70 - Door Hardware Schedule
- Section 08 11 13 - Metal Doors and Frames
- Section 08 14 16 - Flush Wood Doors
- Section 08 31 13 - Access Doors and Frames
- Section 08 41 13 - Aluminum Framed Entrances
- Section 08 42 29 - Automatic Entrances
- Section 08 44 30 - Structural Sealant Glazed Assemblies
- Section 08 71 00 - Door Hardware - Common Requirements
- Section 08 71 43 - Automatic Door Operators
- Section 08 80 50 - Glass and Glazing
- Section 08 83 00 - Mirrors

Division 09 - Finishes

- Section 09 21 16 - Gypsum Board Assemblies
- Section 09 22 16 - Non-Structural Metal Stud Framing
- Section 09 30 00 - Tiling
- Section 09 51 13 - Acoustic Panel Ceilings
- Section 09 68 13 - Tile Carpeting
- Section 09 77 53 - Vegetated Wall Systems
- Section 09 91 10 - Painting
- Section 09 99 00 - Finish Schedule

Division 10 - Specialties

- Section 10 06 10 - Signage Schedule
- Section 10 06 22 - Accessory Mounting Height Schedule
- Section 10 11 00 - Visual Display Surfaces
- Section 10 14 00 - Signage
- Section 10 21 12 - Solid Plastic Toilet Compartments
- Section 10 26 13 - Wall and Door Protection
- Section 10 28 14 - Toilet and Bath Accessories
- Section 10 44 13 - Fire Extinguisher Cabinets
- Section 10 51 13 - Metal Lockers

Division 11 - Equipment

- Section 11 81 29 - Facility Fall Protection

Division 12 - Furnishings

- Section 12 48 43 - Floor Mats

Division 22 - Plumbing

- Section 22 05 00 - Common Work Results for Plumbing
- Section 22 07 19 - Plumbing Piping Insulation
- Section 22 10 10 - Plumbing Pumps
- Section 22 11 18 - Domestic Water Piping Copper
- Section 22 13 17 - Drainage Waste and Vent Piping-Cast Iron, Copper and Stainless Steel
- Section 22 13 18 - Drainage Waste and Vent Piping-Plastic
- Section 22 30 05 - Domestic Water Heaters
- Section 22 42 01 - Plumbing Specialties and Accessories
- Section 22 42 03 - Commercial Washroom Fixtures
- Section 22 42 16 - Commercial Lavatories and Sinks
- Section 22 42 20 - Commercial Showers and Bathtubs
- Section 22 47 00 - Drinking Fountains and Water Coolers

Division 23 - Heating, Ventilating and Air Conditioning (HVAC)

- Section 23 05 00 - Common Work Results for HVAC
- Section 23 05 01 - Use of HVAC Systems During Construction
- Section 23 05 05 - Installation of Pipework
- Section 23 05 13 - Common Motor Requirements for HVAC Equipment
- Section 23 05 19.01 - Thermometers and Pressure Gauges – Piping Systems
- Section 23 05 23.01 - Valves-Bronze
- Section 23 05 53.01 - Mechanical Identification
- Section 23 05 93 - Testing, Adjusting and Balancing for HVAC
- Section 23 05 94 - Pressure Testing of Ducted Air Systems
- Section 23 07 13 - Duct Insulation
- Section 23 09 33 - Instrumentation and Control for HVAC

Section 23 09 34 - Wireless Communication Link and Space Sensors
Section 23 11 23 - Facility Natural Gas Piping
Section 23 31 13.01 - Metal Ducts – Low Pressure to 500 PA
Section 23 33 00 - Air Duct Accessories
Section 23 33 14 - Dampers - Balancing
Section 23 33 15 - Dampers - Operating
Section 23 33 16 - Dampers – Fire and Smoke
Section 23 33 46 - Flexible Ducts
Section 23 33 53 - Duct Liners
Section 23 34 00 - HVAC Fans
Section 23 34 24 - Domestic Fans
Section 23 37 13 - Diffusers, Registers and Grilles
Section 23 37 20 - Louvres, Intakes and Vents
Section 23 44 00 - HVAC Air Filtration
Section 23 54 16 - Fuel-Fired Furnaces
Section 23 55 01 - Duct Heaters
Section 23 74 00 - Packaged Outdoor HVAC Equipment
Section 23 84 13 - Humidifiers

Division 26 - Electrical

Section 26 05 00 - Common Work Results
Section 26 05 14 - Power Cables (0-1000V)
Section 26 05 20 - Wire and Box Connectors (0-1000V)
Section 26 05 21 - Wire and Cables (0-1000V)
Section 26 05 27 - Grounding - Primary
Section 26 05 28 - Grounding - Secondary
Section 26 05 29 - Hangers and Supports for Electrical Systems
Section 26 05 31 - Splitters, Pull Boxes and Cabinets
Section 26 05 32 - Outlet Boxes, Conduit Boxes and Fittings
Section 26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings
Section 26 05 43 - Installation of Cables in Trenches
Section 26 09 23 - Metering and Switchboard Instruments
Section 26 09 24 - Lighting Control Devices – Low Voltage
Section 26 09 25 - Lighting Control Devices - Photoelectric
Section 26 24 01 - Service Equipment
Section 26 24 02 - Service Entrance Board
Section 26 24 16 - Panelboards Breaker Type
Section 26 27 26 - Wiring Devices
Section 26 28 16 - Moulded Case Circuit Breakers
Section 26 28 23 - Disconnect Switches – Fused and Non-Fused
Section 26 29 10 - Motor Starters to 600V
Section 26 50 00 - Lighting
Section 26 52 00 - Emergency Lighting
Section 26 53 00 - Egress Signage
Section 26 80 00 - Commissioning of Electrical Systems
Section 26 90 00 - Wiring of Equipment by Others

Division 27 - Communications

Section 27 05 14 - Communication Cables – Inside Buildings
Section 27 20 00 - Data Communications

Division 28 - Electronic Safety and Security

Section 28 00 00 - Fire Alarm Systems

Division 31 - Earthwork

Section 31 22 13 - Rough Grading
Section 31 23 05 - Excavating and Backfilling for Structures
Section 31 37 50 - Culverts & Subgrade Drainage
Section 31 61 13 - Pile Foundations - General Requirements
Section 31 61 14 - Precast Concrete Piles
Section 31 61 23 - Bored Concrete Piles

Division 32 - Exterior Improvements

Section 32 10 00 - Clearing and Grubbing
Section 32 15 40 - Crushed Granular Paving
Section 32 17 23 - Pavement Markings
Section 32 31 19 - Decorative Metal Fences and Gates
Section 32 37 00 - Site Furnishings
Section 32 37 01 - Exterior Site Signage
Section 32 91 19 - Topsoil Placement and Finish Grading
Section 32 92 19 - Mechanical Seeding
Section 32 92 20 - Hydro Mulching
Section 32 92 21 - Sodding
Section 32 92 22 - Landscape Maintenance
Section 32 93 10 - Trees, Shrubs and Ground Cover Planting

Drawing No.
A-001

Drawing Name/Title
Cover Sheet

CIVIL
C-100

SITE SERVICING AND GRADING PLAN

LANDSCAPE

L-100
L-200
L-300
L-400
L-401
L-402

SITE LAYOUT & MATERIALS PLAN
SITE GRADING PLAN
SITE PLANTING & SIGNAGE PLAN
SITE DETAILS 1
SITE DETAILS 2
SITE DETAILS 3

ARCHITECTURAL

A-002
A-101
A-102
A-103
A-104
A-201
A-301
A-302
A-303
A-304
A-305
A-306
A-307
A-401
A-402

GENERAL NOTES, ABBREVIATIONS, ASSEMBLIES & LEGENDS
CRAWLSPACE PLAN & DETAILS
MAIN FLOOR CONSTRUCTION PLAN & NOTES
ROOF PLAN & DETAILS
MAIN FLOOR RCP & DETAILS
EXTERIOR BUILDING ELEVATIONS
BUILDING SECTIONS
WALL SECTIONS
WALL SECTIONS
WALL SECTIONS
WALL SECTIONS
WALL SECTIONS
WALL SECTIONS
WALL SECTIONS
ENLARGED PLAN & INTERIOR ELEVATIONS - WEST
ENLARGED PLAN & INTERIOR ELEVATIONS - EAST

A-403	INTERIOR ELEVATIONS
A-500	PLAN DETAILS
A-501	MILLWORK DETAILS - LIBRARY SERVICES COUNTER
A-502	MILLWORK DETAILS - LIBRARY SERVICES COUNTER
A-503	MILLWORK DETAILS
A-600	FURNITURE PLAN

STRUCTURAL

S-001	GENERAL NOTES
S-002	TYPICAL DETAILS
S-003	TYPICAL DETAILS
S-100	FOUNDATION PLAN
S-101	MAIN FLOOR FRAMING PLAN
S-102	ROOF FRAMING PLAN
S-300	SECTIONS
S-301	SECTIONS

MECHANICAL

M-101	MECHANICAL MAIN FLOOR PLUMBING
M-102	MECHANICAL CRAWLSPACE PLUMBING
M-201	MECHANICAL MAIN FLOOR H.V.A.C
M-202	MECHANICAL CRAWLSPACE H.V.A.C.
M-301	MECHANICAL SCHEDULES

ELECTRICAL

E-100	ELECTRICAL SINGLE LINE RISER
E-101	ELECTRICAL SITE PLAN
E-102	ELECTRICAL LIGHTING LAYOUT
E-103	ELECTRICAL POWER LAYOUT
E-104	ELECTRICAL SYSTEMS LAYOUT
E-105	ELECTRICAL CRAWLSPACE LAYOUT

E2. SOILS INVESTIGATION REPORT

- E2.1 Further to C3.1, refer to – Geotechnical Report, prepared by Dyregrov Robinson Inc., Consulting Geotechnical Engineers, File # 153930, dated April 2016; and Transcona Public Works Yard Subsurface Investigation Report, File No. 14-9964, dated February 20, 2015, prepared by Dillon Consulting.

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.

E4. TOPOGRAPHIC SURVEY

- E4.1 Further to B10.2, refer to – Topographic Survey, File No. 272M/1 prepared by Pollock & Wright Land Surveying + Geomatics, , dated November 24, 2015.