



THE CITY OF WINNIPEG

TENDER

TENDER NO. 213-2024

GIIZHIGOOWEAABIKWE PARK DRINKING WATER STATION

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 GIIZHIGOOWEAABIKWE PARK DRINKING WATER STATION

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, March 27, 2024.
- B2.2 The Contract Administrator or the Manager of Purchasing may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.

B3. SITE INVESTIGATION

- B3.1 Further to C3.1, the Bidder may view the Site without making an appointment.
- B3.2 The Bidder is responsible for inspecting the Site, the nature of the Work to be done and all conditions that might affect their Bid or their performance of the Work, and shall assume all risk for conditions existing or arising in the course of the Work which have been or could have been determined through such inspection.

B4. ENQUIRIES

- B4.1 All enquiries shall be directed to the Contract Administrator identified in D5.1.
- B4.2 If the Bidder finds errors, discrepancies or omissions in the Tender, 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 Tender 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 Tender 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.
- B4.6 Any enquiries concerning submitting through MERX should be addressed to:
MERX Customer Support
Phone: 1-800-964-6379
Email: merx@merx.com

B5. CONFIDENTIALITY

- B5.1 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.

B5.2 The Bidder shall not make any statement of fact or opinion regarding any aspect of the Tender to the media or any member of the public without the prior written authorization of the Contract Administrator.

B6. ADDENDA

B6.1 The Contract Administrator may, at any time prior to the Submission Deadline, issue addenda correcting errors, discrepancies or omissions in the Tender, or clarifying the meaning or intent of any provision therein.

B6.2 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.

B6.3 Addenda will be available on the MERX website at www.merx.com.

B6.4 The Bidder is responsible for ensuring that they have received all addenda and is advised to check the MERX website for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.

B6.5 The Bidder shall acknowledge receipt of each addendum in Paragraph 10 of Form A: Bid/Proposal. Failure to acknowledge receipt of an addendum may render a Bid non-responsive

B6.6 Notwithstanding B4, enquiries related to an Addendum may be directed to the Contract Administrator indicated in D5.

B7. SUBSTITUTES

B7.1 The Work is based on the Plant, Materials and methods specified in the Tender.

B7.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.

B7.3 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.

B7.4 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.

- B7.5 The Contract Administrator, after assessing the request for approval of a substitute, may in their 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.
- B7.6 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.
- B7.6.1 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 they wish to inform.
- B7.7 If the Contract Administrator approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.
- B7.8 If the Contract Administrator approves a substitute as an “approved alternative”, any Bidder bidding that approved alternative may base their 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 B17.
- B7.9 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.

B8. BID COMPONENTS

- B8.1 The Bid shall consist of the following components:
- (a) Form A: Bid/Proposal;
 - (b) Form B: Prices.
- B8.2 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.
- B8.3 The Bid shall be submitted electronically through MERX at www.merx.com.
- B8.3.1 Bids will **only** be accepted electronically through MERX.
- B8.4 Bidders are advised that inclusion of terms and conditions inconsistent with the Tender document, including the General Conditions, will be evaluated in accordance with B17.1(a).

B9. BID

- B9.1 The Bidder shall complete Form A: Bid/Proposal, making all required entries.
- B9.2 Paragraph 2 of Form A: Bid/Proposal shall be completed in accordance with the following requirements:
- (a) if the Bidder is a sole proprietor carrying on business in their own name, their 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 their own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.
- B9.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B9.2.
- B9.3 In Paragraph 3 of Form A: Bid/Proposal, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

- B9.4 Paragraph 13 of Form A: Bid/Proposal shall be signed in accordance with the following requirements:
- (a) if the Bidder is a sole proprietor carrying on business in their 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 their duly authorized officer or officers;
 - (d) if the Bidder is carrying on business under a name other than their 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.

B9.4.1 The name and official capacity of all individuals signing Form A: Bid/Proposal should be entered below such signatures.

B9.4.2 All signatures shall be original.

B9.5 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.

B10. PRICES

B10.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B10.1.1 Prices stated on Form B: Prices shall not include any costs which may be incurred by the Contractor with respect to any applicable funding agreement obligations as outlined in D33. Any such costs shall be determined in accordance with D33.

B10.2 The quantities listed on Form B: Prices are to be considered approximate only. The City will use said quantities for the purpose of comparing Bids.

B10.3 The quantities for which payment will be made to the Contractor are to be determined by the Work actually performed and completed by the Contractor, to be measured as specified in the applicable Specifications.

B10.4 Payments to Non-Resident Contractors are subject to Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

B10.5 The Bidder shall enter the Total Bid Price from Form B: Prices into the Total Bid Price field in MERX.

B10.5.1 Bidders are advised that the calculation indicated in B10.1 will prevail over the Total Bid Price entered in MERX.

B11. DISCLOSURE

B11.1 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.

B11.2 The Persons are:

- (a) Wolseley Canada Inc. regarding local distribution.
- (b) Dynasty Bathrooms regarding local distribution.
- (c) Tom Beggs Agencies regarding local distribution.

B12. CONFLICT OF INTEREST AND GOOD FAITH

- B12.1** Further to C3.2, Bidders, by responding to this Tender, declare that no Conflict of Interest currently exists, or is reasonably expected to exist in the future.
- B12.2** Conflict of Interest means any situation or circumstance where a Bidder or employee of the Bidder proposed for the Work has:
- (a) other commitments;
 - (b) relationships;
 - (c) financial interests; or
 - (d) involvement in ongoing litigation;
- that could or would be seen to:
- (i) exercise an improper influence over the objective, unbiased and impartial exercise of the independent judgment of the City with respect to the evaluation of Bids or award of the Contract; or
 - (ii) compromise, impair or be incompatible with the effective performance of a Bidder's obligations under the Contract.
- (e) has contractual or other obligations to the City that could or would be seen to have been compromised or impaired as a result of their participation in the Tender process or the Work; or
 - (f) has knowledge of confidential information (other than confidential information disclosed by the City in the normal course of the Tender process) of strategic and/or material relevance to the Tender process or to the Work that is not available to other bidders and that could or would be seen to give that Bidder an unfair competitive advantage.
- B12.3** In connection with their Bid, each entity identified in B12.2 shall:
- (a) avoid any perceived, potential or actual Conflict of Interest in relation to the procurement process and the Work;
 - (b) upon discovering any perceived, potential or actual Conflict of Interest at any time during the Tender process, promptly disclose a detailed description of the Conflict of Interest to the City in a written statement to the Contract Administrator; and
 - (c) provide the City with the proposed means to avoid or mitigate, to the greatest extent practicable, any perceived, potential or actual Conflict of Interest and shall submit any additional information to the City that the City considers necessary to properly assess the perceived, potential or actual Conflict of Interest.
- B12.4** Without limiting B12.3, the City may, in their sole discretion, waive any and all perceived, potential or actual Conflicts of Interest. The City's waiver may be based upon such terms and conditions as the City, in their sole discretion, requires to satisfy itself that the Conflict of Interest has been appropriately avoided or mitigated, including requiring the Bidder to put into place such policies, procedures, measures and other safeguards as may be required by and be acceptable to the City, in their sole discretion, to avoid or mitigate the impact of such Conflict of Interest.
- B12.5** Without limiting B12.3, and in addition to all contractual or other rights or rights at law or in equity or legislation that may be available to the City, the City may, in their sole discretion:
- (a) disqualify a Bidder that fails to disclose a perceived, potential or actual Conflict of Interest of the Bidder or any of their employees proposed for the Work;
 - (b) require the removal or replacement of any employees proposed for the Work that has a perceived, actual or potential Conflict of Interest that the City, in their sole discretion, determines cannot be avoided or mitigated;
 - (c) disqualify a Bidder or employees proposed for the Work that fails to comply with any requirements prescribed by the City pursuant to B12.4 to avoid or mitigate a Conflict of Interest; and

- (d) disqualify a Bidder if the Bidder, or one of their employees proposed for the Work, has a perceived, potential or actual Conflict of Interest that, in the City's sole discretion, cannot be avoided or mitigated, or otherwise resolved.

B12.6 The final determination of whether a perceived, potential or actual Conflict of Interest exists shall be made by the City, in their sole discretion.

B13. QUALIFICATION

B13.1 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;
- (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; and
- (d) submit a completed Social Procurement Plan.

B13.2 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, Purchasing Division website at <https://www.winnipeg.ca/matmgt/Templates/files/debar.pdf>

B13.3 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:

- (a) have successfully carried out work similar in nature, scope and value to the Work; and
- (b) be fully capable of performing the Work required to be in strict accordance with the terms and provisions of the Contract; and
- (c) have a written workplace safety and health program if required pursuant to The Workplace Safety and Health Act (Manitoba);
- (d) have completed the Accessible Customer Service online training required by the Accessibility for Manitobans Act (AMA) (see B13.4 and D7).

B13.4 Further to B13.3(d), the Bidder acknowledges they and all Subcontractors have obtained training required by the Accessibility for Manitobans Act (AMA) available at <http://www.accessibilitymb.ca/training.html> for anyone that may have any interaction with the public on behalf of the City of Winnipeg.

B13.5 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.

B13.6 Further to B13.1(d), the Bidder shall within five (5) Business Days of a request by the Contract Administrator, provide a completed Social Procurement Plan.

B13.7 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B14. OPENING OF BIDS AND RELEASE OF INFORMATION

B14.1 Bids will not be opened publicly.

- B14.2 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 MERX website at www.merx.com.
- B14.3 After award of Contract, the name(s) of the successful Bidder(s) and their Contract amount(s) will be available on the MERX website at www.merx.com.
- B14.4 The Bidder is advised that any information contained in any Bid may be released if required by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law or by City policy or procedures (which may include access by members of City Council).
- B14.4.1 To the extent permitted, the City shall treat as confidential information, those aspects of a Bid Submission identified by the Bidder as such in accordance with and by reference to Part 2, Section 17 or Section 18 or Section 26 of The Freedom of Information and Protection of Privacy Act (Manitoba), as amended.

B15. IRREVOCABLE BID

- B15.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 11 of Form A: Bid/Proposal.
- B15.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 11 of Form A: Bid/Proposal.

B16. WITHDRAWAL OF BIDS

- B16.1 A Bidder may withdraw their Bid without penalty prior to the Submission Deadline.

B17. EVALUATION OF BIDS

- B17.1 Award of the Contract shall be based on the following bid evaluation criteria:
- (a) compliance by the Bidder with the requirements of the Tender or acceptable deviation there from (pass/fail);
 - (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B13 (pass/fail);
 - (c) Total Bid Price;
 - (d) economic analysis of any approved alternative pursuant to B7.
- B17.2 Further to B17.1(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.
- B17.3 Further to B17.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in their Bid or in other information required to be submitted, that they are qualified.
- B17.4 Further to B17.1(c), the Total Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.
- B17.4.1 Further to B17.1(a), in the event that a unit price is not provided on Form B: Prices, the City may determine the unit price by dividing the Amount (extended price) by the approximate quantity, for the purposes of evaluation and payment.
- B17.4.2 Bidders are advised that the calculation indicated in B17.4 will prevail over the Total Bid Price entered in MERX.

B18. AWARD OF CONTRACT

- B18.1 The City will give notice of the award of the Contract or will give notice that no award will be made.
- B18.2 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 qualified, and the Bids are determined to be responsive.
- B18.2.1 Without limiting the generality of B18.2, 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 their 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.
- B18.3 If funding for the Work is provided to the City of Winnipeg by the Government of Manitoba and/or the Government of Canada, Bidders are advised that the terms of D33 shall immediately take effect upon confirmation of such funding, regardless of when funding is confirmed.
- B18.4 Where an award of Contract is made by the City, the award shall be made to the qualified Bidder submitting the lowest evaluated responsive Bid, in accordance with B17.
- B18.5 Further to Paragraph 7 of Form A: Bid/Proposal and C4, the City may issue a purchase order to the successful Bidder in lieu of the execution of a Contract.
- B18.5.1 The Contract Documents, as defined in C1.1(p), in their entirety shall be deemed to be incorporated in and to form a part of the purchase order notwithstanding that they are not necessarily attached to or accompany said purchase order.
- B18.6 Following the award of contract, a Bidder will be provided with information related to the evaluation of their Bid upon written request to the Contract Administrator.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for Construction* (Revision 2020-01-31) 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, Purchasing Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm
- C0.2 A reference in the Tender 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 supply and installation of a drinking water station and related works.

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

- (a) Supply and installation of a drinking water station;
- (b) Supply and installation of buried water supply and CSP enclosure;
- (c) Hookup of discharge line to drainage pit;
- (d) Hookup of water supply line.
- (e) Reinforced concrete pad; and
- (f) Topsoil and sod.

D3. SITE INVESTIGATION DUE DILIGENCE AND RISK

D3.1 Notwithstanding C3.1, the Contractor acknowledges that the site investigation reports and other site information included in this Tender have been provided to it and may be relied upon by the Contractor to the extent that the Contractor uses Good Industry Practice in interpreting such report(s) and site information and carries out the Work in accordance with Good Industry Practice based upon such report(s) and the information contained in them and such other site information. In the event that a site condition related to:

- (a) the location of any utility which can be determined from the records or other information available at the offices of any public authority or person, including a municipal corporation and any board or commission thereof, having jurisdiction or control over the utility;
- (b) the Site conditions, including but not limited to subsurface hazardous materials or other concealed physical conditions;
- (c) the location, nature, quality or quantity of the materials to be removed or to be employed in the performance of the Work;
- (d) the nature, quality or quantity of the Plant needed to perform the Work;
- (e) all matters concerning access to the Site, power supplies, location of existing services, utilities or materials necessary for the completion of the Work; and
- (f) all other matters which could in any way affect the performance of the Work;

that could not have been “properly inferable”, “readily apparent” and readily discoverable” using Good Industry Practice by the Contractor, results in additional Work which is a direct result of this newly discovered site condition, such additional Work will be considered by the City under Changes in Work.

D4. DEFINITIONS

D4.1 When used in this Tender:

- (a) “**CW**” means current City of Winnipeg Standard Construction Specification;
- (b) “**SCD**” means current City of Winnipeg Parks Planning Standard Construction Detail;

- (c) “SD” means current City of Winnipeg Standard Construction Detail;
- (d) “Supply Chain Disruption” means an inability by the Contractor to obtain goods or services from third parties necessary to perform the Work of the Contract within the schedule specified therein, despite the Contractor making all reasonable commercial efforts to procure same. Contractors are advised that increased costs do not, in and of themselves, amount to a Supply Chain Disruption.

D5. CONTRACT ADMINISTRATOR

D5.1 The Contract Administrator is:

Ian Macdonald
Urban Designer – City of Winnipeg
Telephone No. 204 451-3069
Email Address imacdonald@winnipeg.ca

D5.2 At the pre-construction meeting, the Contract Administrator will identify additional personnel representing the Contract Administrator and their respective roles and responsibilities for the Work.

D6. CONTRACTOR'S SUPERVISOR

D6.1 At the pre-construction meeting, the Contractor shall identify their designated supervisor and any additional personnel representing the Contractor and their respective roles and responsibilities for the Work.

D7. SOCIAL PROCUREMENT PLAN

D7.1 The Contractor shall commit to providing employment opportunities for Indigenous Rightsholders. Indigenous Rightsholders refers to the Red River Métis Nation, First Nations, and Inuit Rightsholders. Rightsholders in this context refers to both Treaty and Aboriginal rights, which were given constitutional recognition in Section 35 (1) of The Constitution Act, 1982. Indigenous Rights include a range of cultural, social, political, and economic rights held by Indigenous Peoples, including the right to establish treaties; and include the right to land to practice the right to fish, to hunt, and to practice one's own culture.

D7.2 This commitment is inclusive of subcontractor employment hours and the Contractor will be required to report on their subcontractors employment hours if the subcontractor contract is greater than \$100,000.

- (a) The Contractor shall commit to providing employees who are Indigenous Rightsholders on the delivery of this Contract.

$$X\% = \frac{\text{\# of employees (full-time and part-time) who are Indigenous Rightsholders on this Contract}}{\text{Total \# of employees (full-time and part-time) on this Contract}}$$

D7.3 Reporting

D7.3.1 The Contractor shall keep detailed records of the total number of full-time and part-time employees that identify as Indigenous Rightsholders. The Contractor shall report the total number of employee hours that are delivered by Indigenous Rightsholders during this Contract.

D7.3.2 The Social Value Reporting Template has been included as a resource see Form O: Social Value Clause Reporting Template.

D7.3.3 Employees includes all company employees who are working on this Contract. (Administration, Finance, Project Manager, Safety Officer, Trades, etc.)

D7.3.4 The Contractor shall provide the Contract Administrator a progress report midway through the Contract period and upon completion of the Contract period.

D8. ACCESSIBLE CUSTOMER SERVICE REQUIREMENTS

- D8.1 The Accessibility for Manitobans Act (AMA) imposes obligations on The City of Winnipeg to provide accessible customer service to all persons in accordance with the Customer Service Standard Regulation ("CSSR") to ensure inclusive access and participation for all people who live, work or visit Winnipeg regardless of their abilities.
- D8.1.1 The Contractor agrees to comply with the accessible customer service obligations under the CSSR and further agrees that when providing the Goods or Services or otherwise acting on the City of Winnipeg's behalf, shall comply with all obligations under the AMA applicable to public sector bodies.
- D8.1.2 The accessible customer service obligations include, but are not limited to:
- (a) providing barrier-free access to goods and services;
 - (b) providing reasonable accommodations;
 - (c) reasonably accommodating assistive devices, support persons, and support animals;
 - (d) providing accessibility features e.g. ramps, wide aisles, accessible washrooms, power doors and elevators;
 - (e) inform the public when accessibility features are not available;
 - (f) providing a mechanism or process for receiving and responding to public feedback on the accessibility of all goods and services; and
 - (g) providing adequate training of staff and documentation of same.

D9. ACCESSIBLE CUSTOMER SERVICE REQUIREMENTS

- D9.1 The Accessibility for Manitobans Act (AMA) imposes obligations on The City of Winnipeg to provide accessible customer service to all persons in accordance with the Customer Service Standard Regulation ("CSSR") to ensure inclusive access and participation for all people who live, work or visit Winnipeg regardless of their abilities.
- D9.1.1 The Contractor agrees to comply with the accessible customer service obligations under the CSSR and further agrees that when providing the Goods or Services or otherwise acting on the City of Winnipeg's behalf, shall comply with all obligations under the AMA applicable to public sector bodies.
- D9.1.2 The accessible customer service obligations include, but are not limited to:
- (a) providing barrier-free access to goods and services;
 - (b) providing reasonable accommodations;
 - (c) reasonably accommodating assistive devices, support persons, and support animals;
 - (d) providing accessibility features e.g. ramps, wide aisles, accessible washrooms, power doors and elevators;
 - (e) inform the public when accessibility features are not available;
 - (f) providing a mechanism or process for receiving and responding to public feedback on the accessibility of all goods and services; and
 - (g) providing adequate training of staff and documentation of same.

D10. UNFAIR LABOUR PRACTICES

- D10.1 Further to C3.2, the Contractor declares that in bidding for the Work and in entering into this Contract, the Contractor and any proposed Subcontractor(s) conduct their respective business in accordance with established international codes embodied in United Nations Universal Declaration of Human Rights (UDHR) <https://www.un.org/en/about-us/universal-declaration-of-human-rights> International Labour Organization (ILO) [https://www.ilo.org/global/lang--en/index.htm](https://www.ilo.org/global/lang-en/index.htm) conventions as ratified by Canada.

- D10.2 The City of Winnipeg is committed and requires its Contractors and their Subcontractors, to be committed to upholding and promoting international human and labour rights, including fundamental principles and rights at work covered by ILO eight (8) fundamental conventions and the United Nations Universal Declaration of Human Rights which includes child and forced labour.
- D10.3 Upon request from the Contract Administrator, the Contractor shall provide disclosure of the sources (by company and country) of the raw materials used in the Work and a description of the manufacturing environment or processes (labour unions, minimum wages, safety, etc.).
- D10.4 Failure to provide the evidence required under D10.3, may be determined to be an event of default in accordance with C18.
- D10.5 In the event that the City, in its sole discretion, determines the Contractor to have violated the requirements of this section, it will be considered a fundamental breach of the Contract and the Contractor shall pay to the City a sum specified by the Contract Administrator in writing (“Unfair Labour Practice Penalty”). Such a violation shall also be considered an Event of Default, and shall entitle the City to pursue all other remedies it is entitled to in connection with same pursuant to the Contract.
- D10.5.1 The Unfair Labour Practice Penalty shall be such a sum as determined appropriate by the City, having due regard to the gravity of the Contractor’s violation of the above requirements, any cost of obtaining replacement goods/ services or rectification of the breach, and the impact upon the City’s reputation in the eyes of the public as a result of same.
- D10.5.2 The Contractor shall pay the Unfair Labour Practice Penalty to the City within thirty (30) Calendar Days of receiving a demand for same in accordance with D10.5. The City may also hold back the amount of the Unfair Labour Practice Penalty from payment for any amount it owes the Contractor.
- D10.5.3 The obligations and rights conveyed by this clause survive the expiry or termination of this Contract, and may be exercised by the City following the performance of the Work, should the City determine, that a violation by the Contractor of the above clauses has occurred following same. In no instance shall the Unfair Labour Practice Penalty exceed the total of twice the Contract value.

SUBMISSIONS

D11. AUTHORITY TO CARRY ON BUSINESS

- D11.1 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.

D12. SAFE WORK PLAN

- D12.1 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 Documents, if applicable.
- D12.2 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, Purchasing Division website at -
<http://www.winnipeg.ca/matmgt/Safety/default.stm>

D13. INSURANCE

D13.1 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, Province of Manitoba, its ministers, officers, employees, and agents to be added as additional insureds, with a cross-liability clause, such liability policy to also contain contractual liability, unlicensed motor vehicle liability, sudden and accidental pollution liability, non-owned automobile liability and products and completed operations, to remain in place at all times during the performance of the Work and throughout the warranty period;
- (b) if applicable, Automobile Liability Insurance covering all motor vehicles, owned and operated and used or to be used by the Contractor directly or indirectly in the performance of the Work. The Limit of Liability shall not be less than \$2,000,000 inclusive for loss or damage including personal injuries and death resulting from any one accident or occurrence;
- (c) all risks installation floater, carrying adequate limits to cover all machinery, equipment, supplies and/or materials intended to enter into and form part of any installation.

D13.2 Deductibles shall be borne by the Contractor.

D13.3 All policies shall be taken out with insurers licensed in the Province of Manitoba.

D13.4 The Contractor shall provide the Contract Administrator with a certificate(s) of insurance, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement of any Work but in no event later than seven (7) Calendar Days from notification of the award of Contract by Purchase Order.

D13.5 The Contractor shall not cancel, materially alter, or cause each policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the Contract Administrator.

D14. CONTRACT SECURITY

D14.1 If the Contract Price exceeds twenty-five thousand dollars (\$25,000.00), the Contractor shall provide and maintain contract 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; and
- (b) a labour and material payment bond of a company registered to conduct the business of a surety in Manitoba, in the form attached to these Supplemental Conditions (Form H2: Labour and Material Payment Bond), in an amount equal to fifty percent (50%) of the Contract Price; or
- (c) 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 H3: Irrevocable Standby Letter of Credit), in the amount of fifty percent (50%) of the Contract Price; or
- (d) 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.

D14.1.1 Where the contract security is a performance bond, it may be submitted in hard copy or digital format. If submitted in digital format the contract security must meet the following criteria:

- (a) the version submitted by the Contractor must have valid digital signatures and seals;
- (b) the version submitted by the Contractor must be verifiable by the City with respect to the totality and wholeness of the bond form, including: the content; all digital

signatures and digital seals; with the surety company, or an approved verification service provider of the surety company.

- (c) the version submitted must be viewable, printable and storable in standard electronic file formats compatible with the City, and in a single file. Allowable formats include pdf.
- (d) the verification may be conducted by the City immediately or at any time during the life of the bond and at the discretion of the City with no requirement for passwords or fees.
- (e) the results of the verification must provide a clear, immediate and printable indication of pass or fail regarding D14.1.1(b).

D14.1.2 Digital bonds failing the verification process will not be considered to be valid and may be determined to be an event of default in accordance with C18.1. If a digital bond fails the verification process, the Contractor may provide a replacement bond (in hard copy or digital format) within seven (7) Calendar Days of the City's request or within such greater period of time as the City in their discretion, exercised reasonably, allows.

D14.1.3 Digital bonds passing the verification process will be treated as original and authentic.

D14.1.4 Where the contract 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 contract security.

D14.2 The Contractor shall provide the Contract Administrator identified in D5 with the required contract security within seven (7) Calendar Days of notification of the award of the Contract by way of Purchase Order or an award letter 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 Documents, if applicable.

D14.3 Where the Contract Security is provided in accordance with D14.1(a) and D14.1(b), the Contractor shall, as soon as practicable after entering into a contract with a Subcontractor:

- (a) give the Subcontractor written notice of the existence of the labour and material payment bond in D14.1(b); and
- (b) post a notice of the bond and/or a copy of that bond in a conspicuous location at the Site of the Work.

D15. SUBCONTRACTOR LIST

D15.1 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 seven (7) Calendar Days from notification of the award of Contract.

D16. DETAILED WORK SCHEDULE

D16.1 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 Documents, if applicable.

D16.2 The detailed work schedule shall consist of the following:

- (a) Installation of Water Service;
- (b) Installation of Concrete Pad;
- (c) Installation of Drinking Water Station;
- (d) Installation of Topsoil and Sod. and
- (e) Other milestone dates appropriate to this project should also be included to make the Contract Administrator aware of them.

D17. SOCIAL PROCUREMENT PLAN

D17.1 The Contractor shall provide the Contract Administrator with a Social Procurement Plan (Form M: Social Procurement Plan) within five (5) Business Days of a request by the Contract Administrator as per B13.1(d).

D18. THE EMPLOYEE VOLUNTARY SELF IDENTIFICATION SURVEY

D18.1 The Employee Voluntary Self Identification Survey has been included as a resource see Form N: Employee Voluntary Self Identification Survey.

D19. PARK ACCESS RESTRICTIONS

D19.1 The Contractor shall ensure that the construction site is secured and that the public does not gain access to the work areas using adequate and applicable signage and barricades to the satisfaction of the Contract Administrator.

D19.2 At minimum, the Contractor shall review the site conditions on a daily basis to ensure that all features related to Park Access Restrictions are in place. The site review is intended to correct deficiencies as a result of unforeseen events such as wind, traffic, or the general public. Deficiencies that are direct result of the Contractors actions must be corrected immediately.

D19.3 Upon request from the Contract Administrator, the Contractor shall provide records demonstrating that the site has been maintained as per D19.1.

SCHEDULE OF WORK

D20. COMMENCEMENT

D20.1 The Contractor shall not commence any Work until they are in receipt of a Purchase Order from the Award Authority authorizing the commencement of the Work.

D20.2 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 D11;
 - (ii) evidence of the workers compensation coverage specified in C6.15;
 - (iii) the Safe Work Plan specified in D12;
 - (iv) evidence of the insurance specified in D13;
 - (v) the contract security specified in D14;
 - (vi) the Subcontractor list specified in D15;
 - (vii) the detailed work schedule specified in D16;
 - (viii) Social Procurement Plan as specified in D17; and
 - (ix) the direct deposit application form specified in D29.
- (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.

D20.3 The Contractor shall commence the Work on the Site within seven (7) Working Days of receipt of the Purchase Order.

D21. SUBSTANTIAL PERFORMANCE

D21.1 The Contractor shall achieve Substantial Performance within fifteen (15) consecutive Working Days of the commencement of the Work as specified in D20.

D21.2 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.

- D21.3 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.

D22. TOTAL PERFORMANCE

- D22.1 The Contractor shall achieve Total Performance within twenty (20) consecutive Working Days of the commencement of the Work as specified in D20.
- D22.2 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.
- D22.3 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.

D23. LIQUIDATED DAMAGES

- D23.1 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 Five Hundred dollars (\$500) per Working Day for each and every Working Day following the day fixed herein for Substantial Performance during which such failure continues.
- D23.2 The amount specified for liquidated damages in D23.1 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.
- D23.3 The City may reduce any payment to the Contractor by the amount of any liquidated damages assessed.

D24. SUPPLY CHAIN DISRUPTION SCHEDULE DELAYS

- D24.1 The City acknowledges that the schedule for this Contract may be impacted by the Supply Chain Disruption. Commencement and progress of the Work shall be performed by the Contractor with due consideration to the delivery requirements and schedule identified in the Contract, in close consultation with the Contract Administrator.
- D24.2 If the Contractor is delayed in the performance of the Work by reason of the Supply Chain Disruption, the Work schedule may be adjusted by a period of time equal to the time lost due to such delay and costs related to such delay will be determined as identified herein.
- D24.3 A minimum of seven (7) Calendar Days prior to the commencement of Work, the Contractor shall declare whether a Supply Chain Disruption will affect the start date. The Contractor shall provide sufficient evidence that the delay is directly related to a Supply Chain Disruption, including but not limited to evidence related to ordering of Material or Goods, production and/or manufacturing schedules or availability of staff as appropriate.
- D24.4 For any delay related to Supply Chain Disruption and identified after Work has commenced, the Contractor shall within seven (7) Calendar Days of becoming aware of the anticipated delay declare the additional delay and shall provide sufficient evidence as indicated in D24.3. Failure to provide this notice will result in no additional time delays being considered by the City.

- D24.5 The Work schedule, including the durations identified in D21 to D22 where applicable, will be adjusted to reflect delays accepted by the Contract Administrator. No additional payment will be made for adjustment of schedules except where seasonal work, not previously identified in the Contract, is carried over to the following construction season.
- D24.6 Where Work not previously identified is being carried over solely as a result of delays related to Supply Chain Disruption, as confirmed by the Contract Administrator, the cost of temporary works to maintain the Work in a safe manner until Work recommences, will be considered by the Contract Administrator. Where the Work is carried over only partially due to Supply Chain Disruption, a partial consideration of the cost of temporary works will be considered by the Contract Administrator.
- D24.7 Any time or cost implications as a result of Supply Chain Disruption and in accordance with the above, as confirmed by the Contract Administrator, shall be documented in accordance with C7.

D25. SCHEDULED MAINTENANCE

- D25.1 The Contractor shall perform the following scheduled maintenance in the manner and within the time periods required by the Specifications:
- (a) Sod as specified in E14.
- D25.2 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

D26. JOB MEETINGS

- D26.1 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.
- D26.2 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever they deem it necessary.

D27. PRIME CONTRACTOR – THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA)

- D27.1 Further to C6.26, the Contractor shall be the Prime Contractor and shall serve as, and have the duties of the Prime Contractor in accordance with The Workplace Safety and Health Act (Manitoba).

D28. THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA) – QUALIFICATIONS

- D28.1 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 their sole discretion and acting reasonably, require updated proof of compliance.

MEASUREMENT AND PAYMENT

D29. PAYMENT

D29.1 Further to C12, the City shall make payments to the Contractor by direct deposit to the Contractor's banking institution, and by no other means. Payments will not be made until the Contractor has made satisfactory direct deposit arrangements with the City. Direct deposit application forms are at https://winnipeg.ca/finance/files/Direct_Deposit_Form.pdf

WARRANTY

D30. WARRANTY

D30.1 Notwithstanding C13.2, the warranty period shall begin on the date of Total Performance and shall expire two (2) years thereafter unless extended pursuant to C13.2.1 or C13.2.2, in which case it shall expire when provided for thereunder.

DISPUTE RESOLUTION

D31. DISPUTE RESOLUTION

D31.1 If the Contractor disagrees with any opinion, determination, or decision of the Contract Administrator, the Contractor shall act in accordance with the Contract Administrator's opinion, determination, or decision unless and until same is modified by the process followed by the parties pursuant to D31.

D31.2 The entire text of C21.4 is deleted, and amended to read: "Intentionally Deleted"

D31.3 The entire text of C21.5 is deleted, and amended to read:

- (a) If Legal Services has determined that the Disputed Matter may proceed in the Appeal Process, the Contractor must, within ten (10) Business Days of the date of the Legal Services Response Letter, submit their written Appeal Form, in the manner and format set out on the City's Purchasing Website, to the Chief Administrative Officer, and to the Contract Administrator. The Contractor may not raise any other disputes other than the Disputed Matter in their Appeal Form.

D31.4 Further to C21, prior to the Contract Administrator's issuance of a Final Determination, the following informal dispute resolution process shall be followed where the Contractor disagrees with any opinion, determination, or decision of the Contract Administrator ("Dispute"):

- (a) In the event of a Dispute, attempts shall be made by the Contract Administrator and the Contractor's equivalent representative to resolve Disputes within the normal course of project dealings between the Contract Administrator and the Contractor's equivalent representative.
- (b) Disputes which in the reasonable opinion of the Contract Administrator or the Contractor's equivalent representative cannot be resolved within the normal course of project dealings as described above shall be referred to a without prejudice escalating negotiation process consisting of, at a minimum, the position levels as shown below and the equivalent Contractor representative levels:
 - (i) The Contract Administrator;
 - (ii) Supervisory level between the Contract Administrator and applicable Department Head;
 - (iii) Department Head.

D31.4.1 Names and positions of Contractor representatives equivalent to the above City position levels shall be determined by the Contractor and communicated to the City at the pre-commencement or kick off meeting.

- D31.4.2 As these negotiations are not an adjudicative hearing, neither party may have legal counsel present during the negotiations.
- D31.4.3 Both the City and the Contractor agree to make all reasonable efforts to conduct the above escalating negotiation process within twenty (20) Business Days, unless both parties agree, in writing, to extend that period of time.
- D31.4.4 If the Dispute is not resolved to the City and Contractor's mutual satisfaction after discussions have occurred at the final escalated level as described above, or the time period set out in D31.4.3, as extended if applicable, has elapsed, the Contract Administrator will issue a Final Determination as defined in C1.1(v), at which point the parties will be governed by the Dispute Resolution process set out in C21.

INDEMNITY

D32. INDEMNITY

- D32.1 Indemnity shall be as stated in C17.
- D32.2 Notwithstanding C17.1, the Contractor shall save harmless and indemnify the City in the amount of twice the Contract Price or five million dollars (\$5,000,000), whichever is greater, against all costs, damages or expenses arising from actions, claims, demands and proceedings, by whomsoever brought, made or taken as a result of negligent acts or negligent omissions of the Contractor, their Subcontractors, employees or agents in the performance or purported performance of the Work, and more particularly from:
- (a) accidental injury to or death of any person whether retained by or in the employ of the contractor or not, arising directly or indirectly by reason of the performance of the Work, or by reason of any trespass on or damage to property;
 - (b) damage to any property owned in whole or in part by the City, or which the City by duty or custom is obliged, directly or indirectly, in any way or to any degree, to construct, repair or maintain;
 - (c) damage to, or trespass or encroachment upon, property owned by persons other than the City;
 - (d) any claim for lien or trust claim served upon the City pursuant to The Builders' Liens Act;
 - (e) failure to pay a Workers Compensation assessment, or Federal or Provincial taxes;
 - (f) unauthorized use of any design, device, material or process covered by letters patent, copyright, trademark or trade name in connection with the Work;
 - (g) inaccuracies in any information provided to the City by the Contractor.
- D32.3 Further to C17, The City shall save harmless and indemnify the Contractor in the amount of twice the Contract Price or five million dollars (\$5,000,000), whichever is greater, against all costs, damages or expenses arising from actions, claims, demands and proceedings, by whomsoever brought, made or taken as a result of negligent acts or negligent omissions of the City, their employees or agents in the performance of its obligation under the Contract.

THIRD PARTY AGREEMENTS

D33. FUNDING AND/OR CONTRIBUTION AGREEMENT OBLIGATIONS

- D33.1 In the event that funding for the Work of the Contract is provided to the City of Winnipeg by the Government of Manitoba and/or the Government of Canada, the following terms and conditions shall apply, as required by the applicable funding agreements.
- D33.2 Further to D33.1, in the event that the obligations in D33 apply, actual costs legitimately incurred by the Contractor as a direct result of these obligations ("Funding Costs") shall be determined by the actual cost to the Contractor and not by the valuation method(s) outlined in

C7.4. In all other respects Funding Costs will be processed in accordance with Changes in Work under C7.

D33.3 For the purposes of D33:

- (a) “**Government of Canada**” includes the authorized officials, auditors, and representatives of the Government of Canada; and
- (b) “**Government of Manitoba**” includes the authorized officials, auditors, and representatives of the Government of Manitoba.

D33.4 Modified Insurance Requirements

D33.4.1 If not already required under the insurance requirements identified in D13, the Contractor will be required to provide wrap-up liability insurance in an amount of no less than two million dollars (\$2,000,000) inclusive per occurrence. Such policy will be written in the joint names of the City, Contractor, Consultants and all sub-contractors and sub-consultants and include twelve (12) months completed operations. The Government of Manitoba and their Ministers, officers, employees, and agents shall be added as additional insureds.

D33.4.2 If not already required under the insurance requirements identified in D13, the Contractor will be required to provide builders’ risk insurance (including boiler and machinery insurance, as applicable) providing all risks coverage at full replacement cost, or such lower level of insurance that the City may identify on a case-by-case basis, such as an installation floater.

D33.4.3 The Contractor shall obtain and maintain third party liability insurance with minimum coverage of two million dollars (\$2,000,000.00) per occurrence on all licensed vehicles operated at the Site. In the event that this requirement conflicts with another licensed vehicle insurance requirement in this Contract, then the requirement that provides the higher level of insurance shall apply.

D33.4.4 Further to D13.4, insurers shall provide satisfactory Certificates of Insurance to the Government of Manitoba prior to commencement of Work as written evidence of the insurance required. The Certificates of Insurance must provide for a minimum of thirty (30) days’ prior written notice to the Government of Manitoba in case of insurance cancellation.

D33.4.5 All policies must be taken out with insurers licensed to carry on business in the Province of Manitoba.

D33.5 Indemnification By Contractor

D33.5.1 In addition to the indemnity obligations outlined in C17 of the General Conditions for Construction, the Contractor agrees to indemnify and save harmless the Government of Canada and the Government of Manitoba and each of their respective Ministers, officers, servants, employees, and agents from and against all claims and demands, losses, costs, damages, actions, suit or other proceedings brought or pursued in any manner in respect of any matter caused by the Contractor or arising from this Contract or the Work, or from the goods or services provided or required to be provided by the Contractor, except those resulting from the negligence of any of the Government of Canada’s or the Government of Manitoba’s Ministers, officers, servants, employees, or agents, as the case may be.

D33.5.2 The Contractor agrees that in no event will Canada or Manitoba, their respective officers, servants, employees or agents be held liable for any damages in contract, tort (including negligence) or otherwise, for:

- (a) any injury to any person, including, but not limited to, death, economic loss or infringement of rights;
- (b) any damage to or loss or destruction of property of any person; or
- (c) any obligation of any person, including, but not limited to, any obligation arising from a loan, capital lease or other long term obligation;

in relation to this Contract or the Work.

D33.6 Records Retention and Audits

D33.6.1 The Contractor shall maintain and preserve accurate and complete records in respect of this Contract and the Work, including all accounting records, financial documents, copies of contracts with other parties and other records relating to this Contract and the Work during the term of the Contract and for at least six (6) years after Total Performance. Those records bearing original signatures or professional seals or stamps must be preserved in paper form; other records may be retained in electronic form.

D33.6.2 In addition to the record keeping and inspection obligations outlined in C6 of the General Conditions for Construction, the Contractor shall keep available for inspection and audit at all reasonable times while this Contract is in effect and until at least six (6) years after Total Performance, all records, documents, and contracts referred to in D33.6.1 for inspection, copying and audit by the City of Winnipeg, the Government of Manitoba and/or the Government of Canada and their respective representatives and auditors, and to produce them on demand; to provide reasonable facilities for such inspections, copying and audits, to provide copies of and extracts from such records, documents, or contracts upon request by the City of Winnipeg, the Government of Manitoba, and/or the Government of Canada and their respective representatives and auditors, and to promptly provide such other information and explanations as may be reasonably requested by the City of Winnipeg, the Government of Manitoba, and/or the Government of Canada from time-to-time.

D33.7 Other Obligations

D33.7.1 The Contractor consents to the City providing a copy of the Contract Documents to the Government of Manitoba and/or the Government of Canada upon request from either entity.

D33.7.2 If the Lobbyists Registration Act (Manitoba) applies to the Contractor, the Contractor represents and warrants that it has filed a return and is registered and in full compliance with the obligations of that Act, and covenants that it will continue to comply for the duration of this Contract.

D33.7.3 The Contractor shall comply with all applicable legislation and standards, whether federal, provincial, or municipal, including (without limitation) labour, environmental, and human rights laws, in the course of providing the Work.

D33.7.4 The Contractor shall properly account for the Work provided under this Contract and payment received in this respect, prepared in accordance with generally accepted accounting principles in effect in Canada, including those principles and standards approved or recommended from time-to-time by the Chartered Professional Accountants of Canada or the Public Sector Accounting Board, as applicable, applied on a consistent basis.

D33.7.5 The Contractor represents and warrants that no current or former public servant or public office holder, to whom the Value and Ethics Code for the Public Sector, the Policy on Conflict of Interest and Post Employment, or the Conflict of Interest Act applies, shall derive direct benefit from this Contract, including any employment, payments, or gifts, unless the provision or receipt of such benefits is in compliance with such codes and the legislation.

D33.7.6 The Contractor represents and warrants that no member of the House of Commons or of the Senate of Canada or of the Legislative Assembly of Manitoba is a shareholder, director or officer of the Contractor or of a Subcontractor, and that no such member is entitled to any benefits arising from this Contract or from a contract with the Contractor or a Subcontractor concerning the Work.

FORM H1: PERFORMANCE BOND
(See D14)

KNOW EVERYONE 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

TENDER NO. 213-2024

GIIZHIGOOWEAABIKWE PARK DRINKING WATER STATION

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: LABOUR AND MATERIAL PAYMENT BOND
(See D14)

KNOW EVERYONE BY THESE PRESENTS THAT

his/its heirs, executors, administrators, successors or assigns (hereinafter called the "Principal"), and

his/its heirs, executors, administrators, successors or assigns (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee"), for the use and benefit of claimants as hereinbelow defined, in the amount of

_____ dollars (\$_____)

of lawful money of Canada, for the payment whereof we, the Principal and the Surety jointly and severally bind ourselves firmly by these presents.

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

TENDER NO. **213-2024**

GIIZHIGOOWEAABIKWE PARK DRINKING WATER STATION

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 promptly make payment to all claimants as hereinafter defined, for all labour, service and material used or reasonably required for use in the performance of the Contract, then this obligation shall be void, otherwise it shall remain in full force and effect subject, however, to the following conditions:

- (a) A claimant is defined as one having a direct contract with the Principal for labour, service and material, or any of them, used or reasonably required for use in the performance of the contract, labour, service and material being construed to include that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental of equipment (but excluding rent of equipment where the rent pursuant to an agreement is to be applied towards the purchase price thereof) directly applicable to the Contract;
- (b) The above-named Principal and Surety hereby jointly and severally agree with the Obligee that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work, labour or service was done or performed, or materials were furnished by such claimant, may sue on this bond, prosecute the suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereon;
- (c) No suit or action shall be commenced hereunder by any claimant
 - (i) unless claimant shall have given written notice to the Principal and the Surety above-named, within one hundred and twenty (120) days after such claimant did or performed the last of the work, labour or service, or furnished the last of the materials for which said claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work, labour or service was done or performed. Such notice shall be served by mailing the same by registered mail to the Principal, and Surety, at any place where an office is regularly maintained for the transaction of business, or served in any manner in which legal process may be served in the Province of Manitoba;

- (ii) after the expiration of one (1) year following the date on which Principal ceased work on said Contract; including work performed under the guarantees provided in the Contract;
 - (iii) other than in a court of competent jurisdiction in the Province of Manitoba.
- (d) The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of mechanics liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against this bond.
- (e) The Surety shall not be liable for a greater sum than the specified penalty of this bond.

The Principal and Surety hereby agree that The Guarantors' Liability Act (Manitoba) shall apply to this Bond.

IN TESTIMONY WHEREOF, the Principal has hereunto set its hand affixed its seal, and the Surety has caused these presents to be sealed and with its corporate seal duly attested by the authorized signature of its signing authority this

_____ 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 H3: IRREVOCABLE STANDBY LETTER OF CREDIT
(CONTRACT SECURITY)
(See D14)**

(Date)

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

RE: CONTRACT SECURITY - TENDER NO. 213-2024

GIIZHIGOOWEAABIKWE PARK DRINKING WATER STATION

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.

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.

Except where they may conflict with the terms and conditions contained in this Letter of Credit, the International Standby Practices 1998 shall apply to this Letter of Credit. This Letter of Credit shall also be governed by and construed in accordance with the laws of the Province of Manitoba and of Canada as applicable therein, except to the extent that such laws are inconsistent with the International Standby Practices 1998. This Letter of Credit is subject to the exclusive jurisdiction of the courts in the Province of Manitoba and all courts competent to hear appeals therefrom.

(Name of bank or financial institution)

Per: _____
(Authorized Signing Officer)

Per: _____
(Authorized Signing Officer)

FORM M: SOCIAL PROCUREMENT PLAN

Every purchase has an economic, social, environmental, and cultural impact. Sustainable Procurement is about capturing the economic, social, environmental, and cultural impacts of purchasing decisions to foster healthy and vibrant communities.

Historically, procurement has been about choosing the supplier offering the lowest price while still meeting technical requirements of providing high quality products or services with minimal risk. By expanding the premise of 'best value' in procurement, to include the generation of positive societal benefits, alongside high quality and competitive bids, the City of Winnipeg is working to maximize community benefits and deliver improved socio-economic returns for stakeholders, within the existing spend.

The Bidder shall provide the Contract Administrator with a Social Procurement Plan Template (Form M: Social Procurement Plan Template) within five (5) Business Days of a request by the Contract Administrator as per B13

Both Question 1 and 2 must be filled out responding to all criteria. Question 2 must explain the commitment to Question 1 within the context of the Contract.

1. The Contractor commits to _____ % of employment hours with Indigenous Rightsholders on the delivery of this Contract.

$$X\% = \frac{\# \text{ of employment hours by Indigenous Rightsholders on this Contract}}{\text{Total \# of employment hours on this Contract}}$$

Please reconfirm your commitment here.

2. Provide a detailed strategy for how the Contractor's current and planned efforts to employ Indigenous Rightsholders will ensure the Contractor meets the commitment on the Contract.

Employment responses could include: We partner with Equity Group employment organizations to recruit Indigenous Rightsholders and other Equity Groups. When employees are onboarded, they are asked if they identify as an Indigenous Rightsholder or Equity Group. We track this and report on aggregate employment levels across our business each year per our Diversity and Inclusion Policy.

Please describe your strategies and/or plans to meet the above requirement.

FORM N: EMPLOYEE VOLUNTARY SELF-IDENTIFICATIONS SURVEY

The City of Winnipeg is committed to supporting a workforce that is representative of the community the City serves. The City is focused on human rights and ensuring full and equitable representation, success, and advancement of all people, and in particular, the equity groups that are under-represented.

Our company is in support of the goals above and are asking employees to participate in this survey to collect data on the demographics of our workforce.

Employee identity data collected by this survey will be shared with the City of Winnipeg in aggregate. All employee identity data will only be shared with our designated HR or management staff.

This data will be submitted to the City of Winnipeg as part of our Reporting requirements under City of Winnipeg Contracts.

Your response to the self-declaration questions is voluntary.

Thank you for participating in this self-identified and voluntary survey to help assess and measure the inclusion of equity groups in the workforce.

Company Name _____

Employee Name _____

1. Do you wish to participate in this survey?

Yes No

2. Do you identify as an Indigenous person?

Yes No

3. Do you identify as any of the following Equity Groups, also known as under-represented groups? Check all that apply.

- Racialized peoples;
- Newcomers;
- Persons with disabilities;
- Women;
- Peoples facing poverty;
- Veterans;
- 2SLGBTQQIA+ (Two-Spirit, Lesbian, Gay, Bisexual, Transgender, Queer, Questioning, Intersex, Asexual, plus) Peoples;

Indigenous refers to “Aboriginal Peoples of Canada” as defined in Section 35(2) of the Constitution Act, 1982 to include the First Nations, Inuit and Métis Peoples of Canada. (Source: [Our Winnipeg 2045](#))

Racialized peoples refers to a group of people who have identifiable characteristics that differ from those of the majority or dominant population. Previously known as Visible Minority and although the term “visible minority” is used in legal (e.g. *Employment Equity Act*) and statistical (e.g. Census) contexts, it is considered outdated and no longer recommended because the word “visible” suggests being white is the standard, and the word “minority” limits the concept to numbers. The term is increasingly being replaced by “racialized” individuals or groups. (Source: [Immigration, Refugees and Citizenship Canada](#))

Newcomers refers to new residents including people arriving from countries outside Canada, such as recent immigrants (less than five years in Canada), refugees, refugee claimants or asylum seekers, and temporary residents. (Source: [Our Winnipeg 2045](#))

Persons with disabilities refers to individuals who have a long-term or recurring physical, mental, psychiatric, sensory, or learning impairment which may limit certain kinds of activity or could be perceived as a limitation. These include visible and non-visible disabilities. (Source: [City of Winnipeg](#))

Women refers to all people who identify as women, whether they are cisgender or transgender women. (Source: [Department of Justice, Government of Canada](#))

People facing poverty refers to people, given the size and region of residents, that do not have enough income to buy a set of goods and services considered to represent a modest, basic standard of living (Source: [Market Basket Measure, Stats Canada](#))

Veterans refers to any former member of the Canadian Armed Forces who successfully underwent basic training and is honorably discharged. (Source: [Veteran Affairs Canada](#))

2SLGBTQIA+ peoples refer to Two-Spirit, Lesbian, Gay, Bisexual, Trans, Queer, Questioning, Intersex, Asexual, Plus peoples. (Source: [Government of Canada](#))

FORM O: SOCIAL VALUE REPORTING TEMPLATE

Every purchase has an economic, social, environmental, and cultural impact. Sustainable Procurement is about capturing the economic, social, environmental, and cultural impacts of purchasing decisions to foster healthy and vibrant communities.

The data reported here is a contractual requirement to encourage and measure social, Indigenous, and environmental outcomes from the City's procurement. The City reserves the right to verify the information reported.

Company Name _____

Contract Number _____

Reporting Period Start Date _____

Reporting Period End Date _____

1. Employment of Indigenous Rightsholders (# of employee hours)

The Contractor shall commit to providing X % of employment hours with Indigenous Rightsholders on the delivery of this Contract.

A. Total number of employment hours for all employees working on the Contract during the reporting period	_____ hours
B. Total number of employment hours for Indigenous Rightsholder employees working on the Contract during the reporting period	_____ hours
C. Percentage for the reporting period (C = B / A)	_____ %

Please describe any successes or challenges related to your commitment for the reporting period.

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 their 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, Purchasing 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 Tender shall govern over *The City of Winnipeg Standard Construction Specifications*.
- E1.3 Bidders are reminded that requests for approval of substitutes as an approved equal or an approved alternative shall be made in accordance with B7. In every instance where a brand name or design specification is used, the City will also consider approved equals and/or approved alternatives in accordance with B7.
- E1.4 The following are applicable to the Work:

<u>Specification No.</u>	<u>Specification Title</u>
CW 1110	General Instructions
CW 1120	Existing Services, Utilities and Structures
CW-1130	Site Requirements
CW 2030	Excavation Bedding and Backfill
CW 2110	Watermains
CW 2125	Flushing, Hydrostatic Leakage Testing and Disinfection of Watermains and Water Services
CW 2160	Concrete Underground Structures and Works
CW 3130	Supply and Installation of Geotextile Fabrics
CW 3170	Earthwork and Grading
CW 3310	Portland Cement Concrete Pavement Works
CW 3325	Portland Cement Concrete Sidewalk
CW 3510	Sodding
CW 3520	Seeding
CW 3540	Topsoil and Finish Grading for Establishment of Turf Areas

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
C-101	Drinking Fountain/Bottle Fill Station
L.2-F-1	Giizhigooweyaabiwe Park Drinking Fountain/Bottle Fill Station
L.2-F-2	Giizhigooweyaabiwe Park – Park Development – Drinking Fountain Details
SCD-663	125 mm (5") Thick Reinforced Concrete Path
SD-241-R1	Typical Double Check Valve and Meter in C.S.P. Enclosure
SD-243-R2	Sodding Details

E2. HAZARDOUS MATERIALS

- E2.1 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.

E3. TRAFFIC CONTROL

- E3.1 In accordance with the Manual of Temporary Traffic Control on City Streets (MTTC), the Contract Administrator shall make arrangements with the Traffic Services Branch of the City of Winnipeg to place, maintain, and remove all regulatory signs and traffic control devices authorized and/or required by the Traffic Management Branch in the following situations:

- (a) Parking restrictions,
- (b) Stopping restrictions,
- (c) Turn restrictions,
- (d) Diamond lane removal,
- (e) Full or directional closures on a Regional Street,
- (f) Traffic routed across a median,
- (g) Full or directional closure of a non-regional street where there is a requirement for regulatory signs (turn restrictions, bus stop relocations, etc.) to implement the closure.
- (h) Approved Designated Construction Zones with a temporary posted speed limit reduction. Traffic Services will be responsible for placing all of the advance signs and 'Construction Ends' (TC-4) signs. The Contractor is still responsible for all other temporary traffic control including but not limited to barricades, barrels and tall cones.

- E3.2 Further to E3.1(c), the Contractor shall make arrangement with the Traffic Services Branch of the City of Winnipeg to supply regulatory signs as required.

- E3.3 Upon request from the Contract Administrator, the Contractor shall provide records demonstrating that the Site has been maintained.

- E3.4 Further to E3.1(c) and E3.1(d) the Contractor shall make arrangements with the Traffic Services Branch of the City of Winnipeg to reinstall the permanent regulatory signs after the Contract Work is complete. At this time the Contractor shall make arrangements to drop off the stockpiled materials to Traffic Services at 495 Archibald Street.

- E3.5 Any changes to the approved traffic management plan must be submitted to the Contract Administrator a minimum of (five) 5 Working Days prior to the required change for approval.

- E3.6 If the Contract Administrator determines that the Contractor is not performing Traffic Control in accordance with this specification, Traffic Services Branch may be engaged to perform the Traffic Control. In this event the Contractor shall bear the costs associated charged to the project by the Traffic Services Branch of the City of Winnipeg in connection with the required Works undertaken by the Contractor.

E4. PRE-CONSTRUCTION MEETING

- E4.1 The Contractor shall not begin the Work under this Contract until a pre-construction meeting has been held between representatives of the General Contractor, the City of Winnipeg, and the Contract Administrator.

E5. ACCESS TO SITE

- E5.1 Access to the Site as required by the Contractor shall be provided and maintained by the Contractor at his/her own expense and approved by the Contract Administrator.

E5.2 The Contractor's operations shall be limited to the minimum area necessary for undertaking the Work and he/she shall be responsible for all damage resulting from his/her Work on public or private property.

E6. PERMITS, NOTICES, LICENSES, CERTIFICATES, LAWS AND RULES

E6.1 Further to C6.12, the Contractor shall give all necessary notices, obtain all necessary permits and pay all fees in order that the Work may be carried out. The Contractor shall submit all plans required by any inspection authority and obtain approval of same before proceeding with the Work, and pay any cost attached to the inspection of such plans.

E6.2 The Contractor shall comply with all laws, ordinances, rules and regulations that would relate to the Work.

E6.3 All notices, consents, approvals, statements, authorizations, documents or other communications to the City shall be submitted to the Contract Administrator.

E6.4 All Work shall be performed in compliance with the Manitoba Workplace Health and Safety Act.

E6.5 All Work shall be performed in compliance with the Manitoba Workplace Health and Safety Fall Protection guidelines.

E6.6 The Contractor and Sub-contractors must be fully aware of all Work involving hazardous materials. All Work must be performed in compliance with the Manitoba Department of Labour Workplace Health and Safety Guidelines and all other applicable codes. The Contractor is responsible for the immediate notification to the Contract Administrator of his/her encountering of suspected hazardous material during their course of Work.

E7. DAMAGE TO EXISTING STRUCTURES, TREES AND PROPERTY

E7.1 All necessary precautions shall be exercised by the Contractor so as not to remove, disturb, or damage any existing trees, shrubs, sod, pavements, streets, roads, boulevards, poles, hydrants, water pipes, gas pipes, electrical wires, cables, conduits, sewers or other existing facilities and equipment at the Site of the Work. For all damage incurred in the performance of the Work (either directly or indirectly), the Contractor shall either replace and repair such damage, whichever may be deemed necessary in the opinion of, and acceptable to City of Winnipeg Contract Administrator, and the cost of which shall be borne entirely by the Contractor. The Contractor shall also indemnify and save harmless the City from all claims made directly or indirectly against it in respect to any such damage.

E7.2 The Contractor shall take the following precautionary steps to prevent damage from construction activities to existing park trees within the limits of the construction area:

- (a) The Contractor shall not stockpile materials and soil or park vehicles and equipment within 2 metres of trees.
- (b) Trees identified to be at risk by the Contract Administrator are to be strapped with 25x100x2400 mm wood planks, or suitable protection as approved by the Contract Administrator.
- (c) Excavation shall be performed in a manner that minimizes damage to the existing root systems. Where possible, excavation shall be carried out such that the edge of the excavation shall be a minimum of 1.5 times the diameter (measured in inches), with the outcome read in feet, from the closest edge of the trunk. Where roots must be cut to facilitate excavation, they shall be pruned neatly at the face of excavation.
- (d) Operation of equipment within the drip line of the trees shall be kept to a minimum required to perform the Work required. Equipment shall not be parked, repaired, refueled; construction materials shall not be stored, and earth materials shall not be stockpiled within the drip lines of trees. The drip line of a tree shall be considered to be the ground surface directly beneath the tips of its outermost branches. The

Contractor shall ensure that the operations do not cause flooding or sediment deposition on areas where trees are located.

E7.3 All damage to existing trees caused by the Contractor's activities shall be repaired to the requirements and satisfaction of the Contract Administrator and the City Forester or his/her designate.

E7.4 No separate measurement or payment will be made for the protection of trees.

E8. PEDESTRIAN SAFETY AND TRAFFIC MANAGEMENT

E8.1 Further to CW 1130, the Contractor shall take such measures as are necessary to ensure safe and convenient pedestrian ingress and egress is maintained to private properties while he/she is working near them. Any damage caused by the negligence of the Contractor or his/her Subcontractors to the adjacent Works or properties, shall be promptly repaired by him at his/her own expense, to the satisfaction of the Contract Administrator.

E8.2 Ambulance/ Emergency vehicle access must be maintained at all times.

E8.3 Contractor to maintain public sidewalk access free and clear of construction equipment, construction material, and debris.

E9. PROTECTION OF SURVEY INFRASTRUCTURE

E9.1 Notwithstanding clause 4 "Persons and municipalities to protect Outline Monuments"; under The Surveys Act, of Manitoba, the Contractor shall be responsible to protect the Survey Infrastructure from damage as a result of the Work.

E9.2 Further to C6.26 (g), at least 72 hours prior to the commencement of the On-Site Work the Contractor shall contact the City of Winnipeg, Geomatics Services Branch at 204-918-1360 (8:00 am to 4:00 pm Monday to Friday, excluding holidays) to obtain underground clearance. Geomatics Services will locate and mark all known outline survey monuments and geodetic control monuments and confirm the physical condition of those monuments upon completion of construction, at no cost to the Contractor.

E9.3 Where a survey post, bar or control monument lies in the line of the proposed Work and must be disturbed, the Contractor shall provide the Contract Administrator with 48 hours' notice to permit referencing for future replacement, at no cost to the Contractor. Failure to provide the specified notice shall result in the Contractor paying for all costs associated with replacing or relocating the disturbed outline survey monuments and geodetic control monuments. Survey monuments and geodetic control monuments at or adjacent to the Site, not in the line of the proposed construction that are damaged or disturbed by the Contractor shall be replaced or relocated by the City or its agent and all associated costs shall be paid for by the Contractor.

E9.4 An approximate estimate of the cost to restore a legal survey monument is \$1,000 per bar and \$3,000 per control monument. Contractors shall ensure their landscaping and other subcontractors are aware of this clearance procedure and the potential restoration costs. Where possible, amounts owed to the City in accordance with the above will be deducted from payments to be made by the City to the Contractor.

E10. EXCAVATION AND GRADING

E10.1 Description

E10.1.1 This Specification shall amend and supplement CW 3110 and CW 3170. It shall cover the excavation and legal disposal of existing earthen material.

E10.2 Excavation includes the removal of items (i.e., earthen materials) as indicated on the Drawings and as directed by the Contract Administrator. Work includes the satisfactory disposal of

unsuitable Site material such as clays susceptible to frost-heaving, silts, rock, rubble, rubbish and any surplus suitable Site material.

(a) Work shall include but not be limited to the following:

- (i) Excavate and grade to the limits shown on Drawings to the depths necessary to achieve finish grades for:
 - CIP concrete water station pad as per the Drawings and Engineer's Drawings;
 - All unsuitable and extraneous materials are to be removed from the Site and disposed of in a safe and legal manner.

E10.2.1 The Work to be completed by the Contractor under this Specification shall include the supply of all materials, and the furnishings of all superintendence, overhead, labour, equipment, tools, and all other things necessary for and incidental to the satisfactory completion of all the Work shown on the Drawings and specified herein.

E10.3 Construction Methods

E10.3.1 Excavation

- (a) As directed by the Contract Administrator, remove and dispose of unsuitable material off-site.
- (b) Disposal of material shall be understood to mean the hauling of all surplus and unsuitable material from the Site and the unloading in a legal manner acceptable to the Contract Administrator.
- (c) Contractor must coordinate with the Contract Administrator to ensure all removals have occurred.
- (d) Excavate to the limits shown and as necessary to achieve finish grades as indicated on the Drawings. Where design grades are not shown, the new surface materials shall be installed to meet flush with surrounding grades, and sloped so as not to impede the existing drainage pattern.
- (e) All excavation within 1.5m of buried electrical cables must be hand dug or performed with a Hydro-vac/Air-vac system approved by Contract Administrator.
- (f) The Contractor shall construct all sub-grades in accordance with CW 3110. This shall include the use of suitable compaction equipment as approved by the Contract Administrator to achieve a minimum compaction of 98% Standard Proctor Density below CIP concrete water station pad, and 90% Standard Proctor Density in all other areas disturbed under this Contract unless otherwise indicated. Lifts shall not exceed a compacted thickness of 150 mm.
- (g) Where new sod will meet existing, employ a vertical shearing operation, such as using a sharp spade or edger, along the outside edges of the excavation to create a clean and definite line for the new sod to abut flush to.

E10.3.2 Grading

- (a) Site grading shall be as per the instructions on the Drawings.
- (b) The design grade shall be considered to be straight grade between finished design elevations shown. Changes in grade where meeting existing sod shall be gently contoured to allow for ease of grass mowing operations.
- (c) Contractor to ensure site grading does not create tripping hazards and no areas of standing water remain.

E10.3.3 Finish Grading

- (a) Following earthmoving, rough grading and compaction, the Work areas shall be finish graded to provide a maximum deviation of 50 mm in 10 meters from the design grade with no low areas that hold water. The finished surface of all disturbed areas shall be dragged and smoothed in such a manner that there are no loose soil particles greater than 50 mm.
- (b) All surplus fill material shall be removed and legally disposed off-site.

- (c) Do not disturb adjacent items designated to remain in place.

E10.3.4 Method of Measurement and Basis of Payment

- (a) Method of Measurement and Basis of Payment for Excavation and Grading shall be included in E12, "Concrete Mounting Pad For Drinking Water Station."

E11. WATER SUPPLY PIPE TO DRINKING WATER STATION

E11.1 Description

E11.1.1 This Specification shall amend and supplement CW 2110 "Watermains" and shall cover the connection to the existing watermain and supply and installation of the copper water supply pipe, couplings, elbows, bends, tees, tap, corporation stops, curb stops, curb stop boxes and all necessary permits associated with the supply and installation.

E11.1.2 The Work to be completed by the Contractor under this Specification shall include the supply of all materials, and the furnishings of all superintendence, overhead, labour, equipment, tools, materials testing and all other things necessary for and incidental to the satisfactory completion of all the Work shown on the Drawings and specified herein.

E11.2 Materials

- (a) Water supply pipe shall be supplied in accordance CW-2110, the City of Winnipeg Standard Construction Specifications Approved Products for Underground Works and according to the diameter shown on Drawing C-101.

E11.3 Construction Methods

- (a) The water supply pipe from the existing City of Winnipeg watermain to the Drinking Water Station shall installed as per CW 2110 "Watermains," and as shown on the Drawings.
- (b) The layout of the water supply pipe shall be marked out on Site and reviewed by the Contract Administrator.
- (c) Trenches shall be excavated as shown on the Drawings and in accordance with CW 2030 and CW 2130. Locations where the trench crosses existing utilities, irrigation pipes and all other sub-surface pipes or fixtures are to be excavated by hand. The amount of trench excavated at any time shall not exceed the amount of pipe that can be installed and backfilled prior to the end of each Working day.
- (d) The bottoms of trenches are to be free of loose materials and shall have a constant slope as indicated on the Drawings. Over excavation of the trench shall be backfilled to the correct grade with compacted excavated material prior to placement of the land drainage pipe.
- (e) Install water supply pipe in accordance with CW 2110 using trenchless methods where alignment is under or crosses existing and proposed pavements, existing boulevards, medians, trees, utility poles and structures and at other locations in accordance with the Drawings and Specifications or as directed by the Contract Administrator.
- (f) Water supply pipe shall have min. 2.5 metre cover.
- (g) Trench bedding and backfill in accordance with CW 2030 and SD-001 and SD-002.
- (h) The grades of the bottom of the trench are to be reviewed by the Contract Administrator prior to the installation of water supply pipe.
- (i) Protect existing asphalt sidewalk from damage. Any damage to the existing asphalt pathway in the park, concrete sidewalk or roadway within the right-of-way shall be restored by the Contractor at their expense to the satisfaction of the Contract Administrator.
- (j) All fittings, couplings, elbows, bends, tees, tap, corporation stops, curb stops, curb stop boxes for the water supply pipe shall be installed in accordance with CW 2110, and the Drawings.

- (k) Any damaged portion of the water supply pipe shall be replaced or repaired by splicing in an undamaged section of like material at the Contractor's expense.
- (l) Water supply pipe shall be connected with a direct tap at the watermain.
- (m) Install double check valve assembly in accordance with SD-241 and at the location shown on the Drawing.
- (n) Water supply pipe shall be connected to the Drinking Water Station service as per Manufacturer's specifications and the Drawings.
- (o) Damage to the existing sod, concrete sidewalk, curb or roadway within the City of Winnipeg right of way or park area shall be restored to the satisfaction of the Contract Administrator.

E11.4 Method of Measurement and Basis of Payment

E11.4.1 Method of Measurement shall be as follows:

- (a) (a) Water supply pipe will be measured on a linear metre basis for:
 - (i) "Supply and Install Water Supply Pipe"; on the Bid Form B: Prices.
- (b) No separate measurement shall be made for connections to the Drinking Water Station or to the existing watermain as this work is incidental to the Work herein.
- (c) No separate measurement shall be made for the restoration of the existing sod, concrete sidewalk, curb or roadway within the City of Winnipeg right of way or park area as this work is incidental to the Work herein.
- (d) No separate measurement shall be made for the installation of the Double Check Valve Assembly and Meter in C.S.P Enclosure in accordance with SD-241 as this work is incidental to the Work herein.

E11.4.2 Basis of Payment shall be as follows:

- (a) Supply and Install water supply pipe will be paid for at the Contract Unit Prices. The amount to be paid for shall be the total number of units, as indicated on the Bid Form. This price shall be full payment for supplying all labour, equipment and materials, and performing all operations herein described and all other items incidental to the Work and as accepted by the Contract Administrator.

E12. CONCRETE MOUNTING PAD FOR DRINKING WATER STATION

E12.1 Description

E12.1.1 The specification shall supplement Specification CW 3310 "Portland Cement Concrete Pavement Works", CW 3325 "Portland Cement Concrete Sidewalk", CW 3110 "Subgrade, Sub-base and Base Course Construction," and SCD-663.

E12.1.2 The Work to be done by the Contractor under this Specification shall include the furnishing of all superintendence, overhead, labour, materials, equipment, tools, supplies and all other things necessary for and incidental to the satisfactory performance and completion of all Work as shown on the Drawings and as hereinafter specified, including, but not necessarily confined to the supply and installation of the Concrete Mounting Pad for the Drinking Water Fill Station.

E12.2 Related Sections of CSA Standards

E12.2.1 All Concrete formwork to be done in accordance with CSA Standards CAN/CSA-A23.1-M77 and CAN/CSA-A23.2, except where specified otherwise.

E12.3 Materials

E12.3.1 Portland Cement to CAN3-A5-M 1983 and CW 3310.

E12.3.2 Base Course as per CW 3110 and SCD-663.

- E12.3.3 Geotextile fabric shall be in accordance with CW 3130 and SCD-663.
- E12.3.4 Chemical admixtures to CSA Standard CAN3-A266.2-M78. Contract Administrator to approve accelerating or set retarding admixtures during cold and hot weather placing. Use of calcium chloride is not permitted.
- E12.3.5 Curing and sealing compound to: CAN/CSA-A23.1-M90, CPD Acrylic cure and seal or equal and to ASTM C309-81, Type 1 - chlorinated rubber.
- E12.3.6 Accessories and Application Equipment: As per manufacturers specifications.
- E12.3.7 Concrete Mixes
- (a) All concrete Work shall be in accordance with CSA A23.1 Concrete Materials and methods of concrete construction.
 - (b) Proportion normal density concrete in accordance with CSA A23.1 to give the following properties:
 - (i) Concrete for pavement: 1) Cement: Type 50 Sulphate resistant.
 - (ii) Maximum Coarse Aggregate: 20mm.
 - (iii) Minimum Compressive Strength at 28 days: 32 Mpa.
 - (iv) Maximum Water/Cement Ratio: 0.45.
 - (v) Class of Exposure: C-2.
 - (vi) Maximum Slump: 80mm + 30mm.
 - (vii) Air Content: 5-8%.
- E12.3.8 Reinforcing shall be as indicated on Drawings and SCD-663.
- E12.4 Construction Methods
- E12.4.1 Grade Preparation and Layout
- (a) Construction method shall conform to Specification CW 3110 "Sub-grade, Sub-base, and Base Course Construction."
 - (b) Contractor shall verify all data and dimensions and report any errors, omissions or discrepancies to the Contract Administrator prior to any installation.
 - (c) Contractor shall layout all concrete work and be responsible for interpretation of grades and protection of stakes. Layout to be approved by Contract Administrator prior to construction.
 - (d) Excavate and grade as per E10 to lines and grades as indicated on drawings less material. Concrete pad shall be installed as indicated on the Drawings and SCD-663.
 - (e) All concrete paving to conform to CW 3310 and the Drawings.
 - (f) Concrete pavement shall have a smooth troweled finished.
 - (g) Contractor shall ensure that all water supply and return piping be installed prior to placement of the geotextile, granular base and concrete.
- E12.4.2 Sub-Grade
- (a) Prepare compacted sub-grade to the lines and grades as shown on Drawings. Contract Administrator to review sub-grade preparation prior to placement of geotextile and granular base.
- E12.4.3 Granular Base and Geotextile
- (a) Geotextile fabric to be placed between subgrade and granular base as per CW 3130.
 - (b) Place granular base material to the lines and grades as shown on Drawings. Extend base minimum 150mm beyond width of surface course.
 - (c) Compact material to a minimum of 98 percent Standard Proctor Density.
- E12.4.4 Reinforcing

- (a) Reinforcing shall be installed as indicated on the Drawings.

E12.4.5 Workmanship

- (a) All concrete Work shall be in accordance with CAN/CSA-A23.1. All testing of concrete shall be done in accordance with CAN/CSA-A23.2. Obtain Contract Administrator's approval of granular base and reinforcing steel before placing concrete. Provide 3 Calendar Days notice prior to placing of concrete.
- (b) Pumping of concrete is permitted only after approval of equipment and mix.
- (c) Ensure reinforcing bars and reinforcement and inserts are not disturbed during concrete placement.
- (d) Do not place load upon new concrete until authorized by Contract Administrator as per City of Winnipeg Standards.

E12.4.6 Finishing of Concrete

- (a) Finish concrete in accordance with CAN/CSA/A23.1.
- (b) All concrete shall be finished by a specialty concrete finisher.
- (c) The size of finishing crews shall be planned with due regard for the effects of concrete temperatures and atmospheric conditions of the rate of hardening of the concrete.
- (d) Finish of all items shall be clean with no pits, chips, bumps or other surface imperfections.
- (e) Concrete surface shall be band steel troweled smooth as directed by the Contract Administrator.
- (f) Immediately after floating, give Concrete Pavement a uniform broom finish to produce regular corrugations not exceeding 2 mm deep, perpendicular to direction of travel.

E12.4.7 Curing

- (a) Cure concrete by adding moisture continuously in accordance with CAN/CSA-A23.1 to exposed finished surfaces for at least 1 day after placing, or sealing moisture in by curing compound approved by Contract Administrator.
- (b) Where burlap is used for moist curing, place two pre-wetted layers on concrete surface and keep continuously wet during curing period.
- (c) Apply curing compound evenly to form continuous film. In accordance with manufacturer's requirements.

E12.4.8 Backfill

- (a) Allow concrete to cure for seven [7] days prior to backfilling around it.
- (b) Backfill to designated elevations with topsoil and sod as per CW3540 and CW3510. Compact and shape to required contours and to blend in with surrounding turf as indicated on drawings.

E12.4.9 Cleanup and Damage

- (a) Immediately upon completion of concrete Work, the Contractor shall remove from Site all equipment, timbers, shores, excavated materials, unused concrete, rubbish etc. caused by operations, and leave the Site clean, level and ready for other Works.
- (b) The Contractor shall be responsible for making good all areas damaged by operations to the satisfaction of the Contract Administrator.

E12.5 Method of Measurement

- E12.5.1 Supply and Install Poured in place Concrete Mounting Pad for Drinking Water Station shall be measured on an area basis. The area to be paid for shall be the total number of square meters installed in accordance with this Specification and the Construction Drawings, and as acceptable to the Contract Administrator.

E12.6 Basis of Payment

E12.6.1 Poured in place Concrete Mounting Pad for Drinking Water Station will be paid for at the Contract Unit price and measured as specified herein. The price shall be payment in full for supplying all labour, equipment and materials, and performing all operations including excavation, subgrade preparation, granular backfill, granular base, compaction, geotextile, concrete, reinforcing steel, material testing and forming herein described and all other items incidental to the Work and accepted by the Contract Administrator.

E13. DRINKING WATER STATION

E13.1 Description

E13.1.1 This specification shall supplement the site Drawings, Drawing C-101 and manufacturer's installation instructions for all fabrication and installation of components and the supply and installation of fixtures.

E13.1.2 The Work to be done by the Contractor under this Specification shall include the furnishing of all superintendence, overhead, labour, materials, equipment, tools, supplies and all other things necessary for and incidental to the satisfactory performance and completion of all Work as shown on the Drawings and as hereinafter specified, including, but not necessarily confined to the following:

- (a) Supply all material needed for proper connection and installation of a Drinking Water Station.

E13.2 Materials

E13.2.1 Drinking Water Station

E13.2.2 Drinking Water Station shall be either:

- (a) Elkay Outdoor ezH2O Upper Bottle Filling Station with Drinking Fountain, Non-Filtered, Non-Refrigerated, **Non-Freeze Resistant**, Model LK4420BF1U. Colour: Blue, or approved equal in accordance with B7.

- (i) Contacts for Elkay Drinking Water Station:

Gary Wiebe
Wolseley Canada Inc.
Wolseley Mechanical Group-Midwest Region
1300 St. Matthews Ave, Winnipeg Mb, R3G 3K4
Phone (204) 786-7861 Fax (204) 783-6513
Garry.Wiebe@wolseleyinc.ca

Christa Boyko
Dynasty Bathrooms
369 Logan Ave, Winnipeg Mb R3A 0P8
Phone (204) 947-0986
christa@dynastybath.com

- (b) Murdock Outdoor Upper Bottle Filling Station with Drinking Fountain, Non-Filtered, Non-Refrigerated, Model GYM77-MO. Colour: Blue, or approved equal in accordance with B7.

- (i) Contact for Murdock Drinking Water Station

Shelley Baker
Tom Beggs Agencies
2116 Logan Ave., Winnipeg, MB, R2R 0J2
P: (204) 953-1902
C: (204) 799-4875
Email: shelley@tombeggsagencies.com

- (c) Global Industrial Outdoor Drinking Fountain with Bottle Filler, Surface Mount, Product #WB761216, Blue Finish.

- (i) Contact For Global Industrial Fountain

Global industrial Canada
35 Staples Ave, Suite 110, Richmond Hill,
ON L4B 4W6
P: (888) 645-0878

E13.2.3 Water Supply Pipe

- (a) Water supply pipe and all fittings shall be supplied and installed in accordance CW 2110, Drinking Water Station Manufacturer's Installation Specifications and the Manitoba Plumbing Code.

E13.2.4 Water Discharge Pipe

- (a) Water Discharge Pipe and all fittings shall be supplied and installed in accordance CW 2130, Drinking Water Station Manufacturer's Installation Specifications and the Manitoba Plumbing Code.

E13.2.5 Protection

- (a) The Contractor shall be responsible for the supply, safe storage and handling of all materials as set forth in this Specification.
- (b) Prevent damage to roadways and sidewalks, landscaping, buildings, underground and surface or sub-surface utilities.

E13.2.6 Quality Assurance

- (a) All workmanship and all materials furnished and supplied under this Specification are subject to close and systematic inspection and testing by the Contract Administrator including all operations from the selection and production of materials through to final acceptance of the specified Work.
- (b) The Contractor shall be wholly responsible for the control of all operations incidental thereto notwithstanding any inspection or approval that may have been previously given. The Contract Administrator reserves the right to reject any materials or Works that are not in accordance with the requirements of this Specification.

E13.2.7 General Workmanship

- (a) Finish all work straight, even, smooth and free of any defects to approved dimensions and details.

E13.2.8 Unacceptable Work

- (a) Any Work found to be unacceptable shall be immediately brought to the attention of the Contract Administrator and shall be corrected to the satisfaction of the Contract Administrator.

E13.2.9 General

- (a) Unless detailed or specified otherwise, standard products will be acceptable if construction details and installation meet intent of Drawings and Specifications in the opinion of the Contract Administrator.

E13.3 Construction Methods

E13.3.1 Transportation, Handling and Storage

- (a) Components shall be loaded in such a manner that they can be transported and unloaded at their destination without being excessively stressed, deformed or otherwise damaged.

- (b) Material to be temporarily stored shall be placed on skids above the ground. Skids shall be kept clean and properly drained. Long members shall be supported on skids placed near enough to prevent injury from deflection.

E13.3.2 Drinking Water Station Installation

- (a) Following a seven (7) day concrete curing period, the Drinking Water Station shall be mounted on the concrete pad according to the Drawings, Manufacturer's Installation Specifications and the to the satisfaction of the Contract Administrator.
- (b) Water supply and discharge pipes from the Drinking Water Station shall be installed as per these Specifications, the Manufacturer's Specifications and to the satisfaction of the Contract Administrator. Exterior ground excavations and holes required to complete this work shall be repaired to a condition equal or better than original.
- (c) The Contractor shall ensure that a means for winterizing the Drinking Water Station is installed within the water service to the satisfaction of the Contract Administrator.
- (d) The Drinking Water Station shall be installed as indicated on Drawings, the Manufacturer's Specifications and the Manitoba Plumbing Code. Layout shall be marked on site and verified by Contract Administrator prior to excavation for the concrete mounting pad and then the installation of the Drinking Water Station as well.
- (e) Drinking Water Station shall be installed plumb.

E13.4 Method of Measurement and Basis of Payment

E13.4.1 Method of Measurement

- (a) Supply and Install Drinking Water Station will be measured as a lump sum bid item. No measurement will be made for this work.

E13.4.2 Basis of Payment

- (a) Drinking Water Station will be paid for at the Contract Unit Prices and measured as specified herein. This price shall be payment in full for supplying all labour, equipment and materials, including Drinking Water Station, piping, fittings, connections and performing all operations herein described and all other items incidental to the Work included in this Specification and accepted by the Contract Administrator.

E14. TOPSOIL AND SOD

E14.1 General Description

E14.1.1 This Specification shall amend and supplement CW 3510, CW 3520, and CW 3540 and cover the supply and installation of topsoil and sod.

- (a) The Contractor shall install mineral sod and a minimum 75 mm compacted thickness of topsoil, as required.

E14.1.2 The Work to be completed by the Contractor under this Specification shall include the supply of all materials, and the furnishings of all superintendence, overhead, labour, equipment, tools, and all other things necessary for and incidental to the satisfactory completion of all the Work shown on the Drawings and specified herein.

E14.2 General Instructions

E14.2.1 Quality Control

- (a) Testing and Approval of Materials
 - (i) Material testing may be required as per this Specification and as directed by the Contract Administrator.

E14.3 Materials and Construction Methods

- (a) Topsoil shall be as per CW 3540.
- (b) Sod shall be as per CW 3510.

- (c) The Contractor shall install sod in locations as shown on Drawings to cover areas indicated on Drawings.
- (d) Any areas damaged beyond the areas indicated on the Drawings shall be the responsibility of the Contractor to restore through use of topsoil and sod, unless otherwise approved by the Contract Administrator.
- (e) Areas to be sodded are to be laid out on Site and approved by the Contract Administrator before commencing Work. Work outside the limit approved by the Contract Administrator will not be measured and will not be paid for under this section but considered incidental to the Work.

E14.3.2 Where new sod will meet existing, employ a vertical shearing operation, such as using a sharp spade or edger, along the outside edges of the excavation to create a clean and definite line for the new sod to abut flush to.

E14.3.3 Restoration shall be achieved using topsoil and sod unless otherwise directed by the Contract Administrator.

E14.3.4 After sod is completed, sodded areas are to be staked out so as to clearly define the extents of the new sod.

E14.4 Maintenance Period

E14.4.1 Thirty (30) day maintenance period on sod will commence at Total Performance and acceptance of the sodding operation.

E14.4.2 Termination of maintenance period for sod per Section 9.10 of CW 3510.

E14.5 Method of Measurement and Basis of Payment

E14.5.1 372 works shall be measured on an area basis. The area to be paid for shall be the total number of square meters installed in accordance with this Specification and the Construction Drawings, and as acceptable to the Contract Administrator.

E14.6 Basis of Payment

E14.6.1 Topsoil and Sod works will be paid for at the Contract Unit price and measured as specified herein. The price shall be payment in full for supplying all labour, equipment and materials, and performing all operations herein described and all other items incidental to the Work and accepted by the Contract Administrator.