



THE CITY OF WINNIPEG

TENDER

TENDER NO. 42-2026

RESTORATION OF BOULEVARD STREET CUTS IN NORTH (WEST) AREA

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

- B1.1 Restoration of Boulevard Street Cuts in North (West) Area

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 12:00 noon Winnipeg time, March 13, 2026.
- 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 B2.1.

B3. ENQUIRIES

- B3.1 All enquiries shall be directed to the Contract Administrator identified in D5.1.
- B3.2 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.
- B3.3 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.
- B3.4 Responses to enquiries which, in the sole judgment of the Contract Administrator, do not require a correction to or a clarification of the Tender will be provided by the Contract Administrator only to the Bidder who made the enquiry.
- B3.5 The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Contract Administrator in writing.
- B3.6 Any enquiries concerning submitting through MERX should be addressed to:
MERX Customer Support
Phone: 1-800-964-6379
Email: merx@merx.com

B4. CONFIDENTIALITY

- B4.1 Information provided to a Bidder by the City or acquired by a Bidder by way of further enquiries or through investigation is confidential. Such information shall not be used or disclosed in any way without the prior written authorization of the Contract Administrator. The use and disclosure of the confidential information shall not apply to information which:
- (a) was known to the Bidder before receipt hereof; or
 - (b) becomes publicly known other than through the Bidder; or
 - (c) is disclosed pursuant to the requirements of a governmental authority or judicial order.
- B4.2 The Bidder shall not make any statement of fact or opinion regarding any aspect of the Tender to the media or any member of the public without the prior written authorization of the Contract Administrator.

B5. ADDENDA

- B5.1 The Contract Administrator may, at any time prior to the Submission deadline, issue addenda correcting errors, discrepancies or omissions in the Tender, or clarifying the meaning or intent of any provision therein.

- B5.2 The Contract Administrator will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.
- B5.3 Addenda will be available on the MERX website at www.merx.com.
- B5.4 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.
- B5.5 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.
- B5.6 Notwithstanding B3, enquiries related to an Addendum may be directed to the Contract Administrator indicated in D5.

B6. SUBSTITUTES

- B6.1 The Work is based on the Plant, Materials and methods specified in the Tender.
- B6.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.
- B6.3 Requests for approval of a substitute will not be considered unless received in writing by the Contract Administrator at least five (5) Business Days prior to the Submission Deadline.
- B6.4 The Bidder shall ensure that any and all requests for approval of a substitute:
- (a) provide sufficient information and details to enable the Contract Administrator to determine the acceptability of the Plant, Material or method as either an approved equal or alternative;
 - (b) identify any and all changes required in the applicable Work, and all changes to any other Work, which would become necessary to accommodate the substitute;
 - (c) identify any anticipated cost or time savings that may be associated with the substitute;
 - (d) certify that, in the case of a request for approval as an approved equal, the substitute will fully perform the functions called for by the general design, be of equal or superior substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance;
 - (e) certify that, in the case of a request for approval as an approved alternative, the substitute will adequately perform the functions called for by the general design, be similar in substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the proposed work schedule and the dates specified in the Supplemental Conditions for Substantial Performance and Total Performance.
- B6.5 The Contract Administrator, after assessing the request for approval of a substitute, may in 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.
- B6.6 The Contract Administrator will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, to the Bidder who requested approval of the substitute.
- B6.6.1 The Contract Administrator will issue an Addendum, disclosing the approved materials, equipment, methods and products to all potential Bidders. The Bidder requesting and obtaining the approval of a substitute shall be responsible for disseminating information regarding the approval to any person or persons they wish to inform.

- B6.7 If the Contract Administrator approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.
- B6.8 If the Contract Administrator approves a substitute as an “approved alternative”, any Bidder bidding that approved alternative may base 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.
- B6.9 No later claim by the Contractor for an addition to the Total Bid Price because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.

B7. BID COMPONENTS

- B7.1 The Bid shall consist of the following components:
- (a) Form A: Bid/Proposal;
 - (b) Form B: Prices;
 - (c) Form G1: Bid Bond and Agreement to Bond.
- B7.2 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely.
- B7.3 The Bid shall be submitted electronically through MERX at www.merx.com.
- B7.3.1 Bids will **only** be accepted electronically through MERX.
- B7.4 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).

B8. BID

- B8.1 The Bidder shall complete Form A: Bid/Proposal, making all required entries.
- B8.2 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.
- B8.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B8.2.
- B8.3 In Paragraph 3 of Form A: Bid/Proposal, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.
- B8.4 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.

B8.4.1 The name and official capacity of all individuals signing Form A: Bid/Proposal should be entered below such signatures.

B8.5 If a Bid is submitted jointly by two or more persons, the word "Bidder" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Bidders in the Bid and the Contract, when awarded, shall be both joint and several.

B9. PRICES

B9.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B9.1.1 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 C24. Any such costs shall be determined in accordance with C24.

B9.2 The quantities listed on Form B: Prices are to be considered approximate only. The City will use said quantities for the purpose of comparing Bids.

B9.3 The quantities for which payment will be made to the Contractor are to be determined by the Work actually performed and completed by the Contractor, to be measured as specified in the applicable Specifications.

B9.4 Payments to Non-Resident Contractors are subject to Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

B9.5 The Bidder shall enter the Total Bid Price from Form B: Prices into the Total Bid Price field in MERX.

B9.5.1 Bidders are advised that the calculation indicated in B17.4 will prevail over the Total Bid Price entered in MERX.

B10. DISCLOSURE

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

B10.2 The Persons are:

- (a) N/A

B11. CONFLICT OF INTEREST AND GOOD FAITH

B11.1 Further to C3.3, Bidders, by responding to this Tender, declare that no Conflict of Interest currently exists, or is reasonably expected to exist in the future.

B11.2 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.

B11.3 In connection with their Bid, each entity identified in B11.2 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.

B11.4 Without limiting B11.3, 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.

B11.5 Without limiting B11.3, 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 B11.4 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.

B11.6 The final determination of whether a perceived, potential or actual Conflict of Interest exists shall be made by the City, in their sole discretion.

B12. QUALIFICATION

B12.1 The Bidder shall:

- (a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba; and

- (b) be financially capable of carrying out the terms of the Contract; and
 - (c) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract.
- B12.2 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>
- B12.3 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 B12.5 and C6.19)
- B12.4 Further to B12.3(c), the Bidder shall, within five (5) Business Days of a request by the Contract Administrator, provide proof satisfactory to the Contract Administrator that the Bidder/Subcontractor has a workplace safety and health program meeting the requirements of The Workplace Safety and Health Act (Manitoba), by providing:
 - (a) Written confirmation of a safety and health certification meeting SAFE Work Manitoba's SAFE Work Certified Standard (e.g., COR™ and SECOR™) in the form of:
 - (i) a copy of their valid Manitoba COR certificate and Letter of Good Standing (or Manitoba equivalency) as issued under the Certificate of Recognition (COR) Program administered by the Construction Safety Association of Manitoba or by the Manitoba Heavy Construction Association's WORKSAFELY™ COR™ Program; or
 - (ii) a copy of their valid Manitoba SECOR™ certificate and Letter of Good Standing (or Manitoba equivalency) as issued under the Small Employer Certificate of Recognition Program (SECOR™) administered by the Construction Safety Association of Manitoba or by the Manitoba Heavy Construction Association's WORKSAFELY™ COR™ Program; or
 - (b) a report or letter to that effect from an independent reviewer acceptable to the City. A list of acceptable reviewers and the review template are available at https://www.winnipeg.ca/matmgt/Safety/safety_consultant.stm.
- B12.5 Further to B12.3(d), the Bidder acknowledges that they and all Subcontractors have obtained training required by the Accessibility for Manitobans Act (AMA) available at <https://accessibilitymb.ca/resources-events-and-training/online-training.html> for anyone that may have any interaction with the public on behalf of the City of Winnipeg.
- B12.6 The Bidder shall submit, within three (3) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.
- B12.7 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.

B13. BID SECURITY

- B13.1 The Bidder shall include in their Bid Submission bid security in the form of a digital bid bond, in the amount of at least ten percent (10%) of the Total Bid Price, and agreement to bond of a company registered to conduct the business of a surety in Manitoba, in Form G1: Bid Bond and Agreement to Bond, available at: <https://www.winnipeg.ca/media/4929/>.
- B13.2 Bid security shall be submitted in a digital format meeting the following criteria:
- (a) The version submitted by the Bidder must have valid digital signatures and seals;
 - (b) The version submitted by the Bidder 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 B13.2(a).
- B13.3 Bonds failing the verification process will not be considered to be valid and the bid shall be determined to be non-responsive in accordance with B17.1(a).
- B13.4 Bonds passing the verification process will be treated as original and authentic.
- B13.4.1 If the Bidder submits alternative bids, the bid security shall be in the amount of the specified percentage of the highest Total Bid Price submitted.
- B13.5 The bid security of the successful Bidder and the next two lowest evaluated responsive and responsible Bidders will be released by the City when a Contract for the Work has been duly formed with the successful Bidder and the contract securities are furnished as provided herein. The bid securities of all other Bidders will be released when a Contract is awarded.
- B13.6 The bid securities of all Bidders will be released by the City as soon as practicable following notification by the Contract Administrator to the Bidders that no award of Contract will be made pursuant to the Tender.

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 until a Contract for the Work has been duly formed and the contract securities have been furnished as herein provided, but any Bid shall be deemed to have lapsed unless accepted within the time period specified in Paragraph 11 of Form A: Bid/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 therefrom (pass/fail);
 - (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B12 (pass/fail);
 - (c) Total Bid Price;
 - (d) economic analysis of any approved alternative pursuant to B6.
- 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 Where MRST is shown on Form B as a separate line item, if that Line item is not completed, the MRST shall be considered to be included in the Total Bid Price.
- B17.4.3 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.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for Construction* (Revision 2025-11-01) 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 restoring multiple Cut Permits within boulevards, medians, and other grassed areas with sod and/or seed in the North (West) Area of the City of Winnipeg.
- D2.2 The major components of the Work are as follows:
- (a) Excavation and removal of excess subsoil material from the Cut restoration area in accordance with E6.14;
 - (b) Supply, placement, and compaction of suitable backfill material in accordance with CW3110;
 - (c) Supply and install of Imported Fill material in accordance with CW3110 and E6.15;
 - (d) Grading of Cut restoration area in accordance with E6.13;
 - (e) Adjustment of Curb Stop Boxes and Adjustment of Valve Boxes in accordance with CW3210;
 - (f) Placement of topsoil, finish grading, and rolling in accordance with CW3540;
 - (g) Installation, replacement, and/or regrading of patio blocks in accordance with CW3110, CW3330, SD-240A;
 - (h) Placement of sod in accordance with CW3510, SD-243;
 - (i) Placement of seed in accordance with CW3520;
 - (j) Placement of hydroseed in accordance with E6.19;
 - (k) Watering and rolling sod and seed in accordance with CW3510;
 - (l) Site Clean-up;
 - (m) Commencement of Thirty (30) Day Maintenance Period in accordance with CW3510, E6.24;
 - (n) Maintenance of sod and seed areas in accordance with CW3510, CW3520, E6.25; and
 - (o) Termination of sod and seed areas in accordance with CW3510, CW3520, E6.27.

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 others 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 the 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) **“Boulevard”** means the portion of a street on either side of a roadway but does not include a sidewalk, median, or traffic island;
- (b) **“Calendar Year”** means the period of time from January 1 to the following January 1.
- (c) **“Cut”** means any excavation made or damage caused to a surface;
- (d) **“Cut Permit”** means a permit issued by the City of Winnipeg authorizing cut excavations within the City right-of-way. A single Cut Permit may have multiple cut excavations associated to it;
- (e) **“Field Markings”** or **“Restoration Limits”** means the marks painted by the Contract Administrator outlining the limits of Work at each cut restoration;
- (f) **“Gas Service Inspection Holes”** means holes cut within the City of Winnipeg right-of-way for locating underground gas services. Typically square in shape, with a nominal size of 300mm in length by 300mm in width.
- (g) **“Proponent”** means any Person or consortium submitting a Bid in response to the Tender;
- (h) **“Route List”** means a list of the Round locations in the order that the Contractor intends to restore;
- (i) **“Round”** means a list of Cut Permits provided to the Contractor by the Contract Administrator;
- (j) **“Round Start Date”** means the earliest date that the Contractor can commence the Work specified for a Round;
- (k) **“Round Completion”** means all Work identified on a Round has been performed in accordance with the Contract Documents and has been certified by the Contract Administrator as meeting the requirements for commencement of the Thirty (30) Day Maintenance Period in accordance with Specification E6.24;
- (l) **“Round Completion Date”** means the latest date by which the Contractor shall achieve Round Completion;
- (m) **“Short Notice Restoration”** means a cut restoration that due to special circumstance requires completion within the timeframe and requirements specified in Supplemental Condition D19 and Specification E6.29;
- (n) **“sod”** means turf grass sod with a mineral soil layer;
- (o) **“Sounding Holes”** means holes cut within the City of Winnipeg right-of-way for locating water pipe leaks. Typically circular in shape, with a nominal diameter of 200mm.
- (p) **“Subzone”** means a predetermined subdivided area of the City of Winnipeg;
- (q) **“Termination”** means a Cut Permit restoration has been inspected by the Contract Administrator and found to meet all criteria for completion of the Thirty (30) Day Maintenance Period as specified in E6.27.

- (r) “**Work**” or “**Works**” means the carrying out and the doing of all things, whether of a temporary or permanent nature, that are to be done pursuant to the Contract and, without limiting the generality of the foregoing, includes the furnishing of all Plant, Material, labour, and services necessary for or incidental to the fulfillment of the requirements of the Contract, including all Changes in Work which may be ordered as herein provided.

D5. CONTRACT ADMINISTRATOR

- D5.1 The Contract Administrator is:
Alex Tarasov, C.E.T.
Supervisor of Right-of-Way Management
Telephone No. 204 794 4354
Email Address OTarasov@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.
- D6.2 At least two (2) Business Days prior to the commencement of any Work on the Site, the Contractor shall provide the Contract Administrator with a phone number where the supervisor identified in D6.1 or an alternate can be contacted twenty-four (24) hours a day to respond to an emergency.

D7. ACCESSIBLE CUSTOMER SERVICE REQUIREMENTS

- D7.1 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.
- D7.1.1 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.
- D7.1.2 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 eg 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.

D8. UNFAIR LABOUR PRACTICES

- D8.1 Further to C3.4, 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>, and International Labour Organization (ILO) <https://www.ilo.org/> conventions, as ratified by Canada.

- D8.2 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 Humans Rights which includes child and forced labour.
- D8.3 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.).
- D8.4 Failure to provide the evidence required under D8.3, may be determined to be an event of default in accordance with C18.
- D8.4.1 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.
- D8.4.2 The Contactor shall pay the Unfair Labour Practice Penalty to the City within thirty (30) Calendar Days of receiving a demand for same in accordance with D8.4. The City may also hold back the amount of the Unfair Labour Practice Penalty from payment for any amount it owes the Contractor.
- D8.4.3 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

D9. AUTHORITY TO CARRY ON BUSINESS

- D9.1 The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

D10. SAFE WORK PLAN

- D10.1 The Contractor shall provide the Contract Administrator with a Safe Work Plan at least five (5) Business Days prior to the commencement of any Work on the Site.
- D10.2 The Safe Work Plan shall 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>
- D10.3 Notwithstanding B12.4 at any time during the term of the Contract, the City may, at their sole discretion and acting reasonably, require an updated COR Certificate or Annual Letter of good Standing. A Contractor, who fails to provide a satisfactory COR Certificate or Annual Letter of good Standing, will not be permitted to continue to perform any Work.

D11. INSURANCE

D11.1 The Contractor shall provide and maintain the following insurance coverage:

- (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) inclusive, with The City of Winnipeg added as an additional insured, with a cross-liability clause, contractual liability, unlicensed motor vehicle liability (contractor's equipment), non-owned automobile liability and products and completed operations endorsement, 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.

D11.2 Deductibles shall be borne by the Contractor.

D11.3 All policies shall be taken out with insurers licensed to carry on business in the Province of Manitoba.

D11.4 The Contractor shall provide:

- (a) The certificate of insurance, in a form satisfactory to the Supervisor of Insurance, to:

The City of Winnipeg
Risk Management
Insurance Section
185 King Street, 3rd Floor
Winnipeg, MB R3B 1J1

- (b) The Contract Administrator with a copy of the certificate of insurance.

At least two (2) Business Days of notification of the award of the Contract prior to the commencement of any Work on the Site.

D11.5 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 Supervisor of Insurance.

D12. CONTRACT SECURITY

D12.1 The Contractor shall provide and maintain the performance bond and the labour and material payment bond 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 amount of fifty percent (50%) of the Contract Price; and
- (b) labour and material payment bond of a company registered to conduct the business of a surety in Manitoba, in an amount equal to fifty percent (50%) of the Contract Price.

D12.1.1 Bonds are available at:

- (a) Performance Bond <https://www.winnipeg.ca/media/4928/>
 - (i) Performance Bond – Schedule A - Form of Notice
<https://www.winnipeg.ca/media/4831/>
 - (ii) Performance Bond – Schedule B – Surety's Acknowledgement
<https://www.winnipeg.ca/media/4832/>

- (iii) Performance Bond – Schedule C – Surety's Position
<https://www.winnipeg.ca/media/4833/>
- (b) Labour & Material Payment Bond <https://www.winnipeg.ca/media/4930/>
 - (i) L&M Bond – Schedule A – Notice of Claim
<https://www.winnipeg.ca/media/4834/>
 - (ii) L&M Bond – Schedule B – Acknowledgement of a Notice
<https://www.winnipeg.ca/media/4835/>
 - (iii) L&M Bond – Schedule C – Surety's Position
<https://www.winnipeg.ca/media/4836/>

- D12.1.2 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 D12.1(b).
- D12.1.3 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.
- D12.1.4 Digital bonds passing the verification process will be treated as original and authentic.
- D12.2 The Contractor shall provide:
- (a) the required Contract Security to:

The City of Winnipeg
Legal Services Department
185 King Street, 3rd Floor
Winnipeg, MB R3B 1J1
 - (b) The Contract Administrator with copies of the required Contract Security.

within seven (7) Calendar Days of notification of the award of the Contract and prior to the commencement of any Work on the Site.
- D12.3 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 D12.1(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.

D13. SUBCONTRACTOR LIST

- D13.1 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 or prior to a pre-construction meeting, or at least two (2) Business Days prior to the commencement of any Work on the Site.

D14. EQUIPMENT LIST

- D14.1 The Contractor shall provide the Contract Administrator with a complete list of the equipment which the Contractor proposes to utilize (Form K: Equipment List) at or prior to a pre-construction meeting, or at least two (2) Business Days prior to the commencement of any Work on the Site.

SCHEDULE OF WORK

D15. COMMENCEMENT

- D15.1 The Contractor shall not commence any Work until they are in receipt of an award letter from the Award Authority authorizing the commencement of the Work.
- D15.2 The Contractor shall not commence any Work on the Site until:
- (a) the Contract Administrator has confirmed receipt and approval of:
 - (i) evidence of authority to carry on business specified in D9;
 - (ii) evidence of the workers compensation coverage specified in C6.17;
 - (iii) the twenty-four (24) hour emergency response phone number specified in D6.2;
 - (iv) the Safe Work Plan specified in D10;
 - (v) evidence of the insurance specified in D11;
 - (vi) evidence of the contract security specified in D12;
 - (vii) the subcontractor list specified in D13;
 - (viii) the equipment list specified in D14; and
 - (ix) the direct deposit application form specified in C12.20.
 - (b) the Contractor has attended a pre-construction meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a pre-construction meeting.
- D15.3 The Contractor shall not commence the Work on the Site before the Round Commencement Date indicated on the first Round.
- D15.4 For each Site, the Contract Administrator will provide the Contractor with the permit number, location, scope of work, and restoration size. If the Contractor disagrees with the information provided, they are to contact the Contract Administrator before proceeding with the Work.
- D15.5 Approvals for restoration limit changes will not be given retroactively and all costs incurred by the Contractor by exceeding the restoration limits without approval will be borne by the Contractor.
- D15.6 All changes to the restoration limits require approval from the Contract Administrator in the form of an email.
- D15.7 Locations impacted by construction prior to or during the restoration process are to be communicated to the Contract Administrator in the form of an email.

D16. WORKING DAYS

D16.1 Further to C1.1(xx);

D16.1.1 The Contract Administrator will determine daily if a Working Day has elapsed and will record their assessment on a bi-weekly basis.

D16.1.2 Work done to restore the Site to a condition suitable for Work, shall not be considered "work" as defined in the definition of a Working Day.

D17. SEQUENCE OF WORK

D17.1 Appendix "A" is an example of the Rounds to be provided to the Contractor.

D17.2 Rounds:

- (a) The first Round will be delivered to the Contractor no later than five (5) business days prior to the Round Start Date
- (b) Round periods will be no less than five (5) Working Days in duration.
- (c) Each Round will specify the Round Start Date, and Working Days for completion.
- (d) The locations on each Round will be grouped by Subzone. Appendix "B" is a map of the Subzones applicable to this contract.

D17.3 The Contract Administrator may adjust any subsequent Round Start Date as Contract allows.

D17.4 The following is a preliminary schedule of the Rounds:

Round Number	Subzone(s)	Round Start Date	Working Days
NW1	N1A, N1B	May 19, 2026	9
NW2	N1C	May 27, 2026	5
NW3	N2A, N2B	June 5, 2026	5
NW4	N3A, N3B, N3C	June 16, 2026	6
NW5	N1A, N1B	June 24, 2026	10
NW6	N1C	July 8, 2026	5
NW7	N2A, N2B	July 17, 2026	8
NW8	N3A, N3B, N3C	August 10, 2026	7

D17.5 The Contract Administrator will visit each location prior to providing the Round to the Contractor and will mark out the Restoration Limits required to complete the restoration. The Contract Administrator will measure the area marked out at each location and record the quantities on the Round.

D17.6 The Contractor shall use the Field Markings and the quantity shown on the Round to complete the restorations. No measurement for payment will be made for materials placed outside the limits of the Work, for each location.

D17.7 Where the Field Markings are not visible the Contractor shall make arrangements with the Contract Administrator to have the locations re-marked. The absence or visibility of the Field Markings will not alter the conditions of measurement described in D17.6.

- D17.8 Where the Contractor is of the opinion that there is a discrepancy between the Round quantity and the Field Markings, the Contractor shall make a request that the Contract Administrator review the location prior to Work commencing on Site. The location will be adjusted at the Contract Administrator's discretion, the location will be measured and/or marked, and the quantity will be revised as necessary to reflect any corresponding adjustment(s). Request and approvals for adjustment(s) shall be communicated in the form of an email.
- D17.9 The Contractor shall submit a Route List for each Round to the Contract Administrator one (1) Business Day prior to the Round Start Date.
- D17.10 Where the Contract Administrator has determined that the Contractor has not sufficiently addressed outstanding Cut Permit Termination deficiencies from a previous Round or Rounds, the Contract Administrator may delay the Round Start Date of any subsequent Round(s).
- D17.11 Further to D17.10, the Contract Administrator may permanently remove a subsequent Round or Rounds from the schedule should outstanding Cut Permit Termination deficiencies remain unaddressed after fifteen (15) Working Days from notice of failure to meet Termination criteria specified in E6.27.
- D17.12 The Contract Administrator shall provide the Contractor with a Construction Notice that the Contractor is to deliver to every property affected by the Work prior to the commencement of the Work on Site.

D18. EXTENSION OF ROUND COMPLETION DATES

- D18.1 Round periods are established on the basis of the actual Work not exceeding an average daily rate of sod placed per day, for each subzone. The rate is as follows:

Subzone(s)	Rate (sq.m./day)
N3A, N3B, N3C	150
N1A, N1B, N1C, N2A, N2B	100

- D18.2 Should the actual revised amount of sod to be placed, including any additions in accordance with D19, to complete a Round be greater than the Average daily rate multiplied by the Round Period, the Round Completion Date shall be extended in accordance with the example in D18.3.

- D18.3 Example Calculation:

Round Commencement Date = July 2
Round Completion Date = July 29
Round Period = 20 Working Days
Average Daily Rate = 150 sq.m./day
Total Revised Inspector Quantity = 3,045 sq.m.

Round Period (days) X Average Daily Rate (sq.m./day) = Round Period Max. Quantity
20 X 150 = 3000 sq.m.

Total Revised Inspector Quantity – Round period Maximum =
3,045 – 3000 = 45 sq.m.

In this example the Working Days would be extended by:

Round Period Maximum Quantity / Average Daily Rate =
45 / 150 = 0.30

Fractions of a day will be rounded up to a full day, therefore extension will be one (1) Working Day.

D19. SHORT NOTICE RESTORATIONS

D19.1 Short Notice Restorations shall be completed as specified in E6.29. Short Notice Restorations will be limited to a maximum of two (2) Cut Permits in any week where the locations are not in the same Subzone, and four (4) Cut Permits in any week where two or more of the locations are in the same Subzone and are assigned to the Contractor at the same time. Locations assigned as Short Notice Restorations may or may not be on a current Round.

D20. DIMINUTION

D20.1 Further to C7.5 of the General Conditions, the major components of the Work intended to be done under the Contract are estimated based on the summation of:

- (a) The total unrestored mud Cut quantities on Cut Permits for each class of work issued by the City of Winnipeg prior to bid preparation; and
- (b) The total mud Cut quantities on Cut Permits for each class of work issued by the City of Winnipeg following bid preparation that are deemed ready for restoration by the Contract Administrator.

D20.2 Notwithstanding C7.5, no claim shall be made for damages on the ground of loss of anticipated profit on Work diminished or on any other ground should the value of the Contract Price be diminished by an amount exceeding fifty percent (50%) as a result of the major components of the Work as identified in D20.1 not meeting the estimated approximate quantities for each class of work on Form B: Prices.

D21. CRITICAL STAGES

D21.1 The Contractor shall achieve critical stages of the Work in accordance with the following requirements:

- (a) Each Round shall be considered a Critical Stage;
 - (i) Each Round shall be completed within the number of consecutive Working Days, specified and adjusted per Round, in accordance with D18.
- (b) Short Notice Restorations shall be considered a Critical Stage as outlined in E6.29.

D22. SUBSTANTIAL PERFORMANCE

D22.1 The Contractor shall achieve Substantial Performance within the Working Days specified on the final Round.

D22.2 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 re-inspected.

D22.3 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.

D23. TOTAL PERFORMANCE

D23.1 The Contractor shall achieve Total Performance when all Cut Permits on any given Round are considered to have reached Termination.

- D23.2 If seasonal inclement weather does not allow Termination to be completed in the same Calendar Year as Substantial Performance, the Contract Administrator will advise the Contractor when seasonal conditions will allow Termination in the following Calendar Year. The Contractor will achieve Total Performance no later than thirty (30) Working Days after formal notification by the Contract Administrator.
- D23.3 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 re-inspected.
- D23.4 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.

D24. LIQUIDATED DAMAGES

- D24.1 If the Contractor fails to achieve Critical Stages in accordance with the Contract by the days fixed herein for same, the Contractor shall pay the City the following amounts per Working Day for each and every Working Day following the days fixed herein for same during which such failure continues:
- (a) Each Round – seven hundred fifty dollars (\$750.00); and
 - (b) Short Notice Restorations – one hundred fifty dollars (\$150.00)
- D24.2 The amounts specified for liquidated damages in D24.1 are based on a genuine pre-estimate of the City's losses in the event that the Contractor does not achieve critical stages in accordance with D21.
- D24.3 The City may reduce any payment to the Contractor by the amount of any liquidated damages assessed.

CONTROL OF WORK

D25. JOB MEETINGS

- D25.1 Regular biweekly job meetings will be held at the office of the Engineering Division of the Public Works Department of the City of Winnipeg. These meetings shall be attended by a minimum of one representative of the Contract Administrator, and one representative of the Contractor. Each representative shall be a responsible person capable of expressing the position of the Contract Administrator, 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.
- D25.2 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever they deem it necessary.

D26. PRIME CONTRACTOR – THE WORKPLACE SAFETY AND HEALTH ACT (MANITOBA)

- D26.1 Further to C6.27, 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).

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

- D27.1 Further to B12.4, the Contractor/Subcontractor must, throughout the term of the Contract, have a Workplace Safety and Health Program meeting the requirements of The Workplace Safety

and Health Act (Manitoba). At any time during the term of the Contract, the City may, at their sole discretion and acting reasonably, require updated proof of compliance, as set out in B12.4.

PAYMENT

D28. PAYMENT

D28.1 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://legacy.winnipeg.ca/finance/files/Direct_Deposit_Form.pdf.

WARRANTY

D29. WARRANTY

D29.1 Notwithstanding C13, Warranty does not apply to this contract.

INDEMNITY

D30. INDEMNITY

D30.1 Indemnity shall be as stated in C17.

(See D13)

RESTORATION OF BOULEVARD STREET CUTS IN NORTH (WEST) AREA

[illegible]

FORM K: EQUIPMENT
(See D14)

RESTORATION OF BOULEVARD STREET CUTS IN NORTH (WEST) AREA

1. Category/type:	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
2. Category/type:	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
3. Category/type:	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	

FORM K: EQUIPMENT
(See D14)

RESTORATION OF BOULEVARD STREET CUTS IN NORTH (WEST) AREA

4. Category/type:	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
5. Category/type:	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
6. Category/type:	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	
Make/Model/Year: _____	Serial No.: _____
Registered owner: _____	

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 B6. 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 B6.

E2. MOBILIZATION AND DEMOBILIZATION PAYMENT

DESCRIPTION

- E2.1 This Specification shall cover all operations relating to the mobilization and demobilization of the Contractor to the project location(s).
- E2.2 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 things necessary for and incidental to the satisfactory performance and completion of all Works as hereinafter specified.
- E2.3 The inclusion of a payment item for the Work under this Specification shall not release or reduce the responsibilities of the Contractor under any other specification in this Contract.

SCOPE OF WORK

- E2.4 Further to C12 of the General Conditions, where Mobilization and Demobilization is included as a bid item, it shall consist of the following, as applicable:
- (a) Mobilization shall include, but not be limited to:
 - (i) All activities and associated costs for transportation of the Contractor's personnel, equipment, and operating supplies to the Site, and/or Sites, and/or between Sites;
 - (ii) Establishment of offices, buildings, other necessary general facilities and equipment parking/staging areas for the Contractor's operations at the Site or Sites;
 - (iii) Premiums paid for performance and payment bonds including coinsurance and reinsurance agreements as applicable;
 - (iv) General cleanup and housekeeping needed maintain a neat and orderly project Site(s);
 - (v) Other job related items.
 - (b) Demobilization shall include, but not be limited to:
 - (i) All activities and costs for transportation of personnel, equipment, and supplies not used in the project from the Site, and/or Sites, and/or between Sites;

- (ii) Disassembly, removal, and Site cleanup and restoration of offices, buildings, and other facilities assembled on the Site and/or Sites;
- (iii) Repair of access roads, temporary haul roads, and equipment parking areas leaving the project Site in the same or better condition than at the start of the project;
- (iv) General cleanup and housekeeping needed to restore a neat and orderly project Site.

E2.5 Access to the Site, equipment parking, and staging areas are limited to that shown on the drawings or as approved by the Contract Administrator.

MEASUREMENT AND PAYMENT

E2.6 The lump-sum price for the Mobilization and Demobilization bid item shall not exceed five percent (5.00%) of the total bid price for the Contract.

E2.6.1 Further to B9, B17, C12 and E2.6, should the lump sum price exceed 5% of the Total Bid Price the lump sum price will be reduced to 5% of the Total Bid Price, the Total Bid Price will be determined using the reduced lump sum price and payment will be based on the reduced lump sum price.

E2.7 Payment for Mobilization:

- (a) 60% of the lump-sum price will be paid to the contractor for Mobilization on the first Progress Estimate for the Contract.

E2.8 Payment for Demobilization:

- (a) The remaining 40% of the lump-sum price will be paid upon:
 - (i) Restoration of the Site and/or Sites to the satisfaction of the Contract Administrator;
 - (ii) Distribution of the Declaration of Total Performance.

E2.9 Mobilization and Demobilization will be paid only once (to a maximum of 100%), regardless of the number of times the Contractor mobilizes to the Site and/or Sites.

E3. PROTECTION OF EXISTING TREES

E3.1 The Contractor shall take the following precautionary steps to prevent damage from construction activities to existing boulevard trees within the limits of the construction area:

- (a) The Contractor shall not stockpile materials and soil or park vehicles and equipment on boulevards within 2 metres of trees.
- (b) 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.
- (c) Operation of equipment within the dripline of the trees shall be kept to the minimum required to perform the work required. Equipment shall not be parked, repaired, refuelled; construction materials shall not be stored, and earth materials shall not be stockpiled within the driplines of trees. The dripline 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.
- (d) Work on-Site shall be carried out in such a manner so as to minimize damage to existing tree branches. Where damage to branches does occur, they shall be neatly pruned.

E3.2 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 their designate.

E3.3 No separate measurement or payment will be made for the protection of trees.

- E3.4 Except as required in E3.1(b) and E3.1(d), Elm trees shall not be pruned at any time between April 1 and July 31.

E4. TRAFFIC CONTROL

- E4.1 Further to 3.6, 3.7 and 3.8 of CW1130:

- (a) Where directed by the Contract Administrator, the Contractor shall construct and maintain temporary asphalt ramps to alleviate vertical pavement obstructions such as manholes and planing drop-offs to the satisfaction of the Contract Administrator. Payment shall be in accordance with CW3410.
- (b) In accordance with the Manual of Temporary Traffic Control on City Streets (MTTC), the Contractor ("Construction Agency" in the Manual) shall be responsible for placing, maintaining and removing the appropriate temporary traffic control devices as specified by the MTTC or by the Traffic Management Branch of the City of Winnipeg Public Works Department. The Contractor shall bear all costs associated with the placement of temporary traffic control devices by their own forces or Subcontractor.
- (c) In addition, the Contractor shall be responsible for supplying, removing, placing and maintaining all regulatory signing including but not limited to:
 - (i) Parking restrictions;
 - (ii) Stopping restrictions;
 - (iii) Turn restrictions;
 - (iv) Diamond lane removal;
 - (v) Full or directional closures on a Regional Street;
 - (vi) Traffic routed across a median;
 - (vii) 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.
- (d) The Contractor shall remove and stockpile any regulatory signage not required during construction such as, but not limited to, parking restrictions, turn restrictions and loading restrictions.

- E4.2 Upon request from the Contract Administrator, the Contractor shall provide records demonstrating that the Site has been maintained.

- E4.3 Further to E4.1(c) and E4.1(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. The Contractor shall make arrangements to drop off the stockpiled materials to Traffic Services at 495 Archibald Street.

- E4.4 If the Contract Administrator determines that the Contractor is not performing Traffic Control in accordance with this specification, Traffic Services may be engaged to perform the Traffic Control. In this event the Contractor shall bear costs charged to the project by the Traffic Services Branch of the City of Winnipeg in connection with the required Works.

- E4.5 Lane closure requests for Work under this Contract are not required, except in cases where enforceable parking removal and towing services are needed, if the Cut Permit location and Work meets the following criteria:

- (a) The location is on a P2 or P3 street;
- (b) The street is not a designated truck route;
- (c) Work is not performed during peak hours as outlined in the MTTC; and
- (d) Only one lane is closed at a time and two-way traffic is maintained.

E5. WATER OBTAINED FROM THE CITY

- E5.1 Further to 3.7 of CW1120, the Contractor shall pay for all costs, including sewer charges, associated with obtaining water from the City in accordance with the Waterworks and Sewer By-laws.

E6. BOULEVARD RESTORATIONS

DESCRIPTION

- E6.1 This specification shall cover the preparation of the boulevard cuts, the supply and placement of cultivated sod, seed, and hydroseeding.

- E6.2 Referenced Standard Construction Specifications

- (a) CW1130 – Site Requirements
- (b) CW3110 – Sub-grade, Sub-base and Base Course Construction
- (c) CW3310 – Portland Cement Concrete Pavement Works
- (d) CW3510 – Sodding
- (e) CW3520 – Seeding
- (f) CW3540 – Top Soil and Finish Grading for Establishment of Turf Areas
- (g) Canada Seeds Act & Seed Regulations
 - (i) <https://laws-lois.justice.gc.ca/eng/acts/S-8/page-1.html#h-446516>
- (h) Canada Seeds Regulations
 - (i) https://laws.justice.gc.ca/eng/regulations/C.R.C.,_c._1400/
- (i) Canada Fertilizers Act
 - (i) <https://laws-lois.justice.gc.ca/eng/acts/F-10/page-1.html#h-222127>
- (j) Canada Fertilizers Regulations
 - (i) https://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._666/

MATERIALS

- E6.3 Testing and supply of cultivated turf grass sod and topsoil shall be in accordance with CW3510.
- E6.4 Grass seed shall be supplied in accordance with CW3520.
- E6.5 Backfill:
- (a) Suitable site material as approved by the Contract Administrator or imported fill material supplied in accordance with CW3110, shall be used for backfill material.
 - (b) The material used as backfill shall be free of wood, vegetation, concrete or asphalt rubble, and all stones larger than 25mm in diameter.
- E6.6 Topsoil shall be supplied in accordance with CW3540.
- E6.7 Fertilizer shall be supplied in accordance with CW3540.
- E6.8 Hydroseeding:
- (a) All materials shall be supplied by the Contractor and obtained from a recognized source.
 - (b) Seed Mix
 - (i) Seed blend for hydroseeding shall be in accordance with CW3520.
 - (ii) All supplied seed, either as individual species or as a seed mix, shall comply with the requirements of the Canada Seeds Act and Seeds Regulations.

- (iii) All seed supplied by the Contractor shall be Canada Certified No. 1 or Canada Certified No. 2 and come complete with a Certificate of Analysis verifying that quality standards for Canada Certified No. 1 or Canada Certified No. 2 seed are met.
 - (iv) Seed mixes shall be free of plant species designated as noxious by the Province of Manitoba.
- (c) Mulch
 - (i) Mulch shall be composed of cellulose or wood fiber products with no growth or germination inhibiting substances, and shall be manufactured in such a manner that when thoroughly mixed with seed, fertilizer, organic stabilizer, and water, in the proportions specified, will form homogeneous slurry which is capable of being sprayed to form a porous mat. The fibrous mulch in its air-dry state shall contain no more than fifteen percent (15%) by weight of water.
 - (ii) The fiber shall be dyed green with a water-soluble dye that will not stain masonry, concrete, asphalt, or painted surfaces, and shall be non-toxic to plant and animal life.
- (d) Organic Stabilizer/Tackifier
 - (i) Stabilizer/Tackifier shall be an organic substance supplied in powder form and shall be packaged in clearly marked bags stating the contents of each package.
 - (ii) Tackifiers shall be psyllium, guar gum, or starch based, and specifically designed for use in hydroseeding applications.
- (e) Fertilizer
 - (i) Shall be supplied in accordance with CW3540.
- (f) Water
 - (i) Water used for hydroseeding shall be free of impurities that would inhibit growth, or which may be harmful to the environment.
 - (ii) The Contractor shall be responsible for securing a water source for hydroseeding applications, including any permits necessary stated in E5.
 - (iii) The Contractor shall be responsible for mobilizing water to the Site.
- (g) Hydroseeding Slurry Mix
 - (i) Unless otherwise specified or recommended by the manufacturer(s), the mix ratio of hydroseeding materials shall be as follows:
 - (i) Seed Blend: 150kg/ha
 - (ii) Fertilizer: 300kg/ha
 - (iii) Mulch: 1500kg/ha
 - (iv) Tackifier: Per manufacturer's recommendations

EQUIPMENT

E6.9 Track equipment shall not be used.

E6.10 Grading/Excavation

- (a) The Contractor shall use a wheeled excavator, backhoe, or other equipment capable of efficiently loading and unloading materials from delivery/hauling equipment to the cut restoration Site, subject to approval by the Contract Administrator.

E6.11 Hydroseeding

- (a) Equipment used for application of slurry shall be a commercial-type Hydro-seeder and have a built-in agitation system with an operation capacity sufficient to agitate, suspend and homogeneously mix slurry prior to and during application.
- (b) Equipment shall be adequately sized to the task, able to complete the work efficiently within the time frame specified and to permit application of hydroseeding materials without excess water being applied, or undue time lapse between operations.

- (c) Distribution lines shall be large enough to prevent stoppage and allow for even distribution of slurry over the Site.
- (d) Pump shall be able to generate 150psi at the nozzle.

CONSTRUCTION METHODS

E6.12 Compaction

- (a) The existing in situ material and any placed backfill material shall be mechanically compacted to the satisfaction of the Contract Administrator.
- (b) Compaction of the backfill shall be accomplished by mechanical means. Acceptable methods shall include tamping with a wheeled excavator bucket, or equivalent, using machine mounted pneumatic plate compactor or using a drum compactor.

E6.13 Grading

- (a) Grading of the boulevards to receive sod/seed shall be understood to mean the required excavation or backfilling so that the boulevards and medians, after compaction, are at a uniform depth of 100mm below finished boulevard grade.
- (b) Backfill material shall be compacted to a minimum of 90% Standard Proctor Density.
- (c) The Contractor shall not deposit or stockpile excavated material in the right-of-way.
- (d) Grading of boulevards shall include the removal of existing material up to 600mm above the finished boulevard grade and excavation to achieve a uniform grade 100mm below finished boulevard grade.
- (e) Grading of boulevards shall include all backfilling up to a vertical height of 300mm to reach a uniform grade 100 mm below finished boulevard grade.
- (f) In cases where the Work includes restoration of all or a portion of a ditch, the restoration must be graded to match the existing ditch slope and drainage to achieve a surface drainage to match surrounding existing slope and drainage.

E6.14 Excavation

- (a) Excavation of boulevards shall be understood to mean the removal of existing material that is over a vertical height of 600mm above the finished boulevard grade to achieve an excavation of a uniform depth of 100mm below finished boulevard grade in preparation for topsoil.
- (b) Excavation shall be completed in accordance with CW3110 and E6.14(a).

E6.15 Imported Fill

- (a) Imported fill shall be used when the existing grade is over a vertical height of 300mm below existing boulevard grade to achieve a uniform depth of 100mm below finished boulevard grade in preparation for topsoil.
- (b) Imported fill shall be supplied and installed in accordance with CW3110 and E6.15(a).

E6.16 Disposal of Material

- (a) Disposal of unused excavation material shall comply with Section 3.4 of CW1130 of the Standard Construction Specifications and shall be incidental to the Work. No additional payment will be considered for this portion of the Work.

E6.17 Topsoil and Finish Grading

- (a) Preparation, placing, and finishing grading of the topsoil shall be completed in accordance with CW3540.
- (b) To prevent the formation of depressions or water pockets, the Contractor shall smooth out any undulations or irregularities in the topsoil surface prior to placing the sod/seed.
- (c) The Contractor shall not deposit or stockpile topsoil on a paved surface.

E6.18 Placement of Sod/Seed

- (a) Sod shall be placed in accordance with CW3510.
- (b) Seed shall be placed in accordance with CW3520.
- (c) Notwithstanding the last three paragraphs of Clause 3.5 of CW3510, sod and seed shall be placed in accordance with this after September 15.
- (d) After September 15, consideration will be given to each location's probable exposure to winter street maintenance activities. Locations where high exposure is predicted, such as regional streets and/or collector/bus routes, especially where the Cut is in close proximity to the roadway, may be omitted at the Contract Administrator's discretion.

E6.19 Placement of Hydroseed

- (a) Scheduling
 - (i) Hydroseeding shall be scheduled to immediately follow topsoil placement to limit risk of damage to the topsoil by wet weather events in the interim period. Contractor shall be responsible to repair damage to the topsoil between placement and hydroseeding application at their cost.
 - (ii) Hydroseeding shall be scheduled during dry weather conditions with no rain forecasted for 24 hours to ensure proper curing of soil stabilizers and tackifiers.
 - (iii) Work shall be scheduled to ensure a minimum duration of on-site storage of materials, minimum compaction of topsoil, and prompt seeding/mulching operations.
- (b) Site Protection
 - (i) Existing site utilities, structures, riprap, landscaping, survey monuments, and other features shall be protected from hydroseeding application.
 - (ii) Overspray shall not occur into water bodies or environmentally sensitive areas. When necessary to ensure protection of these areas, dry hand-broadcasting of materials may be employed.
 - (iii) Hydroseeding material shall not be sprayed on objects not expected to support plant growth.
 - (iv) The Contractor shall be responsible for any overspray or damage incurred during hydroseeding. Any overspray or damage shall be made good at no cost, and to the satisfaction of the Contract Administrator.
 - (v) The Contractor shall use reasonable barricading methods, compliant with E4, to prevent damage from typical boulevard usage by the general public.
- (c) Mixing
 - (i) All mixing of hydroseeding materials shall be done on Site immediately prior to application.
 - (ii) The required materials shall be mixed accurately by weight or by an acceptable system of mass-calibrated volume measurement, in accordance with the manufacturer's specifications.
 - (iii) Materials shall be thoroughly mixed to a homogeneous slurry consistency for a minimum of 10 minutes prior to application of each load.
 - (iv) Seed shall be added last when mixing, and shall not be left in the tank for unreasonable lengths of time prior to application, typically one (1) to two (2) hours maximum.
- (d) Application
 - (i) Hydroseeding application shall be applied to form an even, uniform mat blended a minimum of 150mm into adjacent vegetated areas.
 - (ii) Hydroseeding slurry blend shall be applied at a rate of 3900kg/ha.
 - (iii) Broadcast dry seeding in sensitive or protected areas shall be applied in two (2) intersecting directions, overlapping adjacent areas by 300mm.
 - (iv) The Contractor shall maintain a record of all pertinent application information.

- (v) Unused hydroseeding mixture shall be removed from the Site and disposed of at the Contractor's expense.

E6.20 Watering and Rolling

- (a) Watering and rolling shall be in accordance with CW3510.

E6.21 Restoration of Gas Service Inspection Holes

- (a) Restoration of these holes with seed includes the replacement of sand or granular backfill with topsoil to a minimum depth of 100mm below finished grade.

E6.22 Restoration of Sounding Holes

- (a) Restoration of these holes with seed includes the placement of sand up to 100mm below finished grade, and topsoil placed up to finished grade.
- (b) Sand shall be supplied in accordance with fine aggregate in CW3310.

E6.23 Precast Concrete Sidewalk Blocks

- (a) Adjustment and Supply of Precast Concrete Sidewalk Blocks shall be in accordance with CW3235.

E6.24 Commencement of Thirty (30) Day Maintenance Period

- (a) Immediately after the sod and/or seed has been placed, the Contractor shall request inspection of the Work by the Contract Administrator for verification of the commencement of the Thirty (30) Day Maintenance Period.
- (b) The Contract Administrator will not allow the Thirty (30) Day Maintenance Period to commence until the following requirements have been met:
 - (i) The cultivated turf grass sod supplied meets the seed mixture requirements specified in CW3520;
 - (ii) Topsoil supplied meets the consistency specified in CW3540;
 - (iii) The sod is free of bare and dead spots;
 - (iv) The cultivated turf grass sod does not contain more than 10 broadleaf weeds per 50 square metres;
 - (v) Sodded and/or seeded areas have been compacted to form a firm, uniform even surface level with adjoining areas;
 - (vi) The sod shall have sufficient shoot density that no surface soil is visible within sod;
 - (vii) The height of the top growth of the sod is a minimum of 50mm;
 - (viii) The sodded and/or seeded area is free of any visual obstructions such as leaves;
 - (ix) Sodded area is free of any turf damaging insect;
 - (x) All Precast Concrete Sidewalk Blocks have been installed as specified in E6.23.
- (c) All Cuts identified for restoration under a Cut Permit must meet all criteria in E6.24(b) for the Cut Permit to be commenced.
- (d) Any deficient, damaged, or vandalized areas shall be resodded or reseeded by the Contractor within five (5) Business Days after receiving notification from the Contract Administrator. The resodded/reseeded area shall be further maintained until it meets the criteria stated in E6.24(b).
- (e) All costs associated with resodding or reseeded shall be borne by the Contractor.
- (f) In situations where the commencement of the Thirty (30) Day Maintenance Period is not granted by the Contract Administrator before the end of a growing season, the Thirty (30) Day Maintenance Period will commence on May 15 of the following year or such date as is mutually agreed upon by all parties, at which time all sodded and/or seeded areas must be the criteria stated in E6.24(b).

E6.25 Maintenance of Sodded and Seeded Areas

- (a) Immediately after the sod and/or seed has been placed to the satisfaction of the Contract Administrator, the Contractor shall provide and pay for the continuous maintenance of the sodded and/or seeded area until the criteria specified for termination of the maintenance period in this specification has been met.
- (b) The Contractor shall mow at regular intervals to a height of 75mm. No more than thirty percent (30%) of the grass height shall be cut at any one mowing. Remove clippings that will smother grassed areas.
- (c) The Contractor shall water sodded and/or seeded areas in sufficient quantities and frequencies required to obtain root development and sod growth, and seed germination and grass growth.
- (d) Any damage which may occur through washout of the soil during the maintenance period shall be repaired and maintained until it meets the criteria specified in this specification.
- (e) The Contractor shall clean and remove all dead vegetation, leaves, debris, and snow mold from sodded and seeded areas to encourage healthy and uniform grass growth.
- (f) Given the need for weed control, the Contractor shall have in possession a Pesticide Applicator's License and Pesticide Use Permit for pesticide applications related to this specification.
- (g) The Contractor shall apply herbicide when broadleaf weeds start developing in competition with grass. Apply herbicide in accordance with the City of Winnipeg Weed Control Standards and Procedures, manufacturer's instructions, and the Manitoba Agriculture Guide to Crop Protection and Herbicide Recommendations for Landscape Applicators, latest editions and the following criteria:
 - (i) Use 2,4-D Amine or MCPA Amine herbicide for susceptible broadleaf weeds.
 - (ii) Use a mixture containing 2,4-D Amine or MCPA Amine, Mecoprop and Dicamba for 2,4-D resistant plants.
 - (iii) Do not apply to newly seeded turf until after the second or third mowing.
 - (iv) Do no water within 24 hours after application.
 - (v) Apply when winds are less than 20km/h and air temperature is above 10° (degrees) Celsius.
 - (vi) Avoid use of pure Dicamba solutions near trees and shrubs.
- (h) Given the need for insect control, the Contractor shall have in their possession a Pesticide Applicator's License and Pesticide Use Permit for pesticide applications related to this specification. Use standard commercial products in accordance with the manufacturer's instructions and the Manitoba Agriculture Guide to Crop Protection (latest edition) for the particular insect(s) involved.
- (i) Copies of the Pesticide Applicator's License and the Pesticide Use Permit must be submitted to the Contract Administrator prior to commencement of pesticide application.
- (j) All persons handling insecticides shall be fully aware of toxicological rules and regulations governing their use.
- (k) The Contractor shall inform the Contract Administrator immediately of any dangerous occurrence.

E6.26 Spring Clean-up

- (a) Where Termination of the sod maintenance period has not been achieved in accordance with E6.27 prior to the end of a growing season, regardless of when the sod and/or seed was placed, the Contractor shall complete all operations related to the clean-up of the work area in the following spring. This shall include the cleaning and removal of all dead vegetation, leaves, debris, snow mold, and any sand or gravel resulting from winter sanding/de-icing operations from turf areas to encourage healthy and uniform grass growth.
- (b) All costs for spring clean-up operations shall be borne by the Contractor if in the previous year; the Termination of the maintenance period in accordance with E6.27 was not achieved in that same year.

E6.27 Termination of Maintenance Period

- (a) When the Contractor considers that the sodded and/or seeded areas meet the criteria specified in E6.27(b), they shall arrange the inspection of the Work with the Contract Administrator.
- (b) The Contract Administrator will terminate the maintenance period for sodded and/or seeded areas after the following criteria has been met:
 - (i) The certified seed sowed meets the requirements specified in CW3520.
 - (ii) The work Site is clean and the sodded and/or seeded areas are free of any visual obstructions such as leaves.
 - (iii) The seeded area has been rolled and has a firm, uniform even surface.
 - (iv) The sodded and/or seeded areas are free of bare and dead spots and without more than 10 broadleaf weeds per 50 square metres.
 - (v) Grass roots are well anchored into the underlying topsoil and the sodded and/or seeded areas have established into a healthy, vigorously growing condition.
 - (vi) Sodded areas are free of visible joints.
 - (vii) The sodded and/or seeded areas have sufficient shoot density that no surface soil is visible when the grass has been cut to a minimum height of 75mm.
 - (viii) Sodded and/or seeded area has been cut to a height of 75mm within two Working Days before the final inspection.
 - (ix) Sodded and/or seeded area is free of any turf damaging insects.
- (c) All Cuts identified for restoration under a Cut Permit must meet all criteria specified in E6.27(b) for the Cut Permit to be terminated.
- (d) Any deficient, damaged, or vandalized areas shall be resodded or reseeded by and at the sole expense of the Contractor within five (5) Working Days after receiving notification from the Contract Administrator. The area resodded/reseeded shall be further maintained until it meets the criteria specified in E6.27(b).

E6.28 Site Clean-Up

- (a) During both the placement and maintenance of sod and/or seed, all sidewalks, streets, approaches, driveways, and properties near the sodding and/or seeding operations shall be kept clean at all times by the Contractor.
- (b) Upon completion of the Work, the Contractor shall immediately remove all excess material, debris, and equipment from the Site.
- (c) Overspray from hydroseeding operations on surfaces not designated for revegetation by the Contract Administrator shall be removed by the Contractor in an appropriate manner.

E6.29 Short Notice Restorations

- (a) The Contract Administrator may direct, by email, the Contractor to have a specific Cut Permit sodded/seeded on short notice. Upon Receipt of such notice the Contractor is to have the identified Cut Permit sodded/seeded in accordance with this specification within five (5) Working Days of the notification.

E6.30 Restricted Access Sodding

- (a) The access to some of the locations identified to be sodded may be restricted to smaller equipment and approved by the Contract Administrator as the only means of access. The Contractor shall use the size and type of equipment that permits the restoration to be done without causing any damage to the surrounding surfaces or structures at the Site. All damages caused by the Contractor's negligence, carelessness, or failure to use the appropriate equipment shall be repaired to the satisfaction of the Contract Administrator at the Contractor's expense.

MEASUREMENT AND PAYMENT

E6.31 Sodding

- (a) Sodding will be measured on an area basis and paid for at the Contract Unit Price per square metre for "Sodding" classified into one of the categories listed in the items of work below. The area to be paid will be the total number of square metres of sod supplied, placed, and maintained in accordance with this specification, accepted, and measured by the Contract Administrator, which price shall be payment in full for supplying all materials and for completing all operations herein described and all other items incidental to the Work included in this specification.
- (b) No measurement will be made for sod placed outside the limits of placement directed by the Contract Administrator, or for sod placed that does not meet the requirements for the commencement of the Thirty (30) Day Maintenance Period.
- (c) Items of Work:
 - (i) Sodding
 - (i) area greater than or equal to 4 and less than or equal to 8
 - (ii) area greater than 8 and less than or equal to 15
 - (iii) area greater than 15 and less than or equal to 40
 - (iv) area greater than 40
 - (ii) Short Notice Sodding
 - (iii) Restricted Access Sodding
- (d) The minimum area for each Cut Permit will be four (4) square metres.
- (e) Payment for Sodding shall be in accordance with the following:
 - (i) Fifty percent (50%) of quantity following supply, placement, commencement of the Thirty (30) Day Maintenance Period, and accepted as stated in E6.24.
 - (ii) Remaining fifty percent (50%) of quantity following termination of the maintenance period for all Cut restorations listed under a Cut Permit as accepted as per E6.27.

E6.32 Seeding

- (a) Supply, placement, and maintenance of seed will be measured on an area basis and paid for at the Contract Unit Price per square metre for "Seeding". The area to be paid for will be the total number of square metres seeded and maintained in accordance with this specification, accepted, and measured by the Contract Administrator, which price shall be payment in full for supplying all materials and for completing all operations herein described and all other items incidental to the Work included in this specification.
- (b) Measurement and payment for "Seeding" shall include the restoration of Gas Service Inspection Holes as stated in E6.21.
- (c) Measurement for the restoration of Sounding Holes, as stated in E6.22, shall be measured as three (3) Sounding Holes are equal to two (2) square metres and paid at the Contract Unit Price per square metre for "Seeding".
- (d) No measurement will be made for seeding placed outside limits of placement directed by the Contract Administrator or for seeding placed that does not meet the requirements for the termination of the Thirty (30) Day Maintenance Period.

E6.33 Hydroseeding

- (a) Supply, placement, and maintenance of hydroseed will be measured on an area basis and paid for at the Contract Unit Price per square metre for "Hydroseeding". The area to be paid for will be the total number of square metres seeded and maintained in accordance with this specification, accepted, and measured by the Contract Administrator, which price shall be payment in full for supplying all materials and for completing all operations herein described and all other items incidental to the Work included in this specification.
- (b) No measurement will be made for hydroseeding placed outside limits of placement directed by the Contract Administrator or for hydroseeding placed that does not meet the requirements for the commencement of the Thirty (30) Day Maintenance Period.
- (c) Payment for hydroseeding shall be in accordance with the following:

- (i) Fifty percent (50%) of quantity following supply, placement, commencement of the Thirty (30) Day Maintenance Period, and accepted as stated in E6.24.
- (ii) Remaining fifty percent (50%) of quantity following termination of the maintenance period for all Cut restorations listed under a Cut Permit as accepted as per E6.27.

E6.34 Grading

- (a) Grading of boulevards to receive sod under this specification shall be incidental to the cost of sodding and will not be measured for payment.
- (b) Grading of boulevards to receive seed and/or hydroseed will be measured on an area basis and shall be paid for at the Contract Unit Price per square metre for "Grading". The area to be paid for shall be the total number of square metres graded in accordance with this specification and accepted by the Contract Administrator, which price shall be payment in full for supplying all materials and for completing all operations herein described and all other items incidental to the Work included in this specification.

E6.35 Excavation

- (a) Excavation will be measured on an area basis and paid for at the Contract Unit Price per square metre for "Boulevard Excavation". The area to be paid for will be the total number of square metres excavated in accordance with this specification, accepted, and measured by the Contract Administrator, which price shall be payment in full for supplying all materials, completing all operations herein described and all other items incidental to the Work included in this specification.
- (b) No measurement will be made for material removed outside of the limits of excavation.

E6.36 Imported Fill

- (a) Imported Fill will be measured on an area basis and paid for at the Contract Unit Price per square metre for "Imported Fill Material". The area to be paid for will be the total number of square metres imported in accordance with this specification, accepted, and measured by the Contract Administrator, which price shall be payment in full for supplying all materials, completing all operations herein described and all other items incidental to the Work included in this specification.
- (b) No measurement will be made for material placed outside the limits of placement as directed by the Contract Administrator.

E6.37 Compaction

- (a) Compaction of in-situ material and any placed backfill material under this specification shall be incidental to the cost of sodding and/or seeding and will not be measured for payment.

E6.38 Precast Concrete Sidewalk Blocks

- (a) Adjustment of existing Precast Concrete Sidewalk Blocks will be measured on a per unit basis and paid for at the Contract Unit Price per each for "Adjustment of Precast Sidewalk Blocks". The amount to be paid for will be the total number of blocks identified by the Contract Administrator prior to commencement of Work.
- (b) Removal, supply, and placement of Precast Concrete Sidewalk Blocks will be measured on a per unit basis and paid for at the Contract Unit Price per each for "Supply of Precast Concrete Sidewalk Blocks". The amount to be paid for will be the total number of blocks identified by the Contract Administrator prior to commencement of Work.

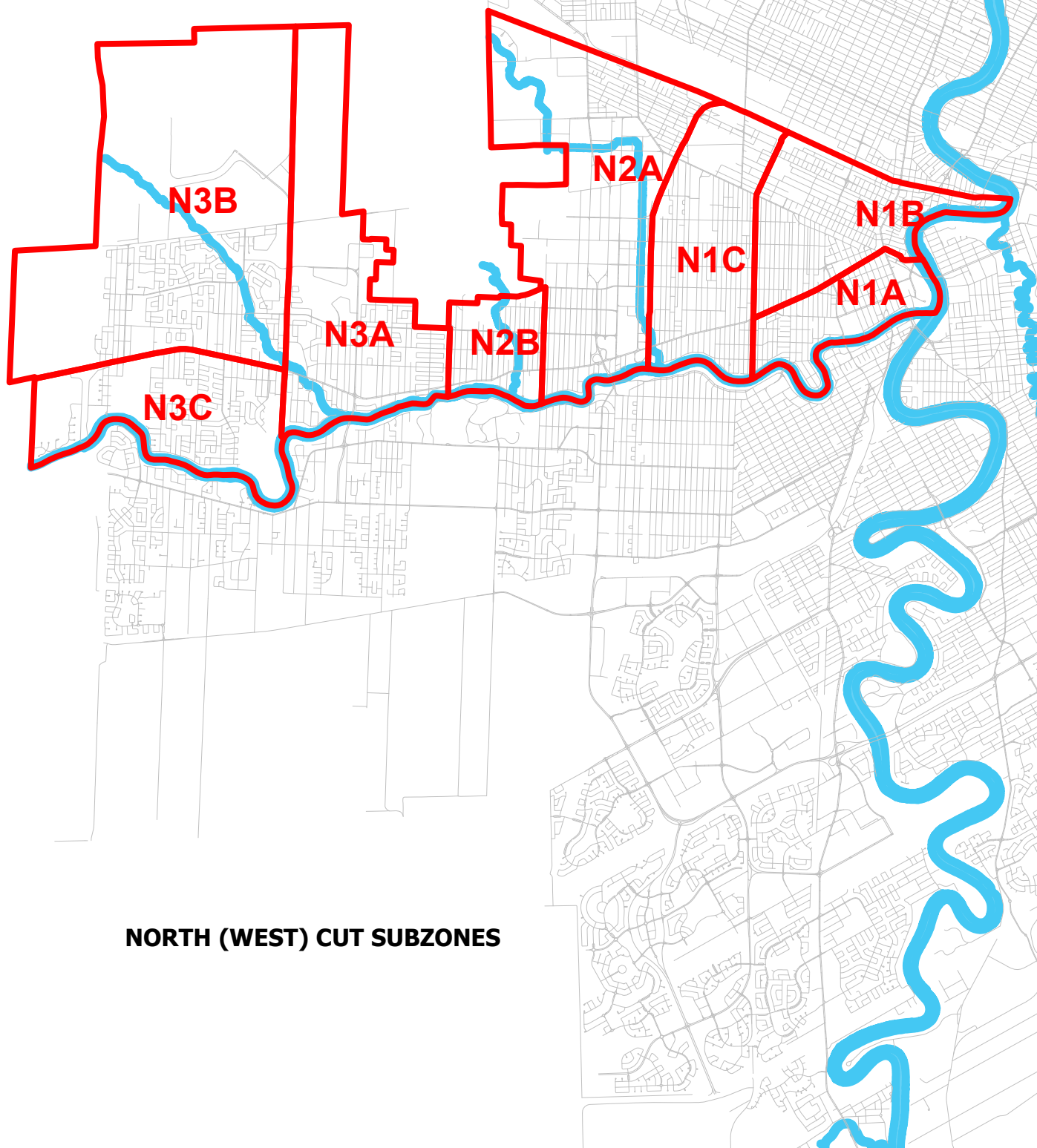
APPENDIX A

EXAMPLE OF CONTRACTOR ROUND LIST

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APPENDIX B

MAP OF APPLICABLE SUBZONES



NORTH (WEST) CUT SUBZONES