



THE CITY OF WINNIPEG

TENDER

TENDER NO. 3-2025

**INSTALLATION OF UNDERGROUND TRAFFIC SIGNALS SERVICES &
ASSOCIATED WORKS**

TABLE OF CONTENTS

PART A - BID SUBMISSION

- Form A: Bid/Proposal
- Form B: Prices

PART B - BIDDING PROCEDURES

B1. Contract Title	1
B2. Submission Deadline	1
B3. Enquiries	1
B4. Confidentiality	1
B5. Addenda	1
B6. Substitutes	2
B7. Bid Components	3
B8. Bid	3
B9. Prices	4
B10. Disclosure	4
B11. Conflict of Interest and Good Faith	4
B12. Qualification	5
B13. Opening of Bids and Release of Information	7
B14. Irrevocable Bid	7
B15. Withdrawal of Bids	7
B16. Evaluation of Bids	7
B17. Award of Contract	8

PART C - GENERAL CONDITIONS

C0. General Conditions	1
------------------------	---

PART D - SUPPLEMENTAL CONDITIONS

General

D1. General Conditions	1
D2. Scope of Work	1
D3. Site Investigation Due Diligence and Risk	1
D4. Duration of Contract	2
D5. Cooperative Purchase	2
D6. Definitions	3
D7. Contract Administrator	3
D8. Contractor's Supervisor	3
D9. Accessible Customer Service Requirements	4
D10. Unfair Labour Practices	4

Submissions

D11. Authority to Carry on Business	5
D12. Safe Work Plan	5
D13. Insurance	5
D14. Contract Security	6
D15. Subcontractor List	7
D16. Requirements for Site Accessibility Plan	7

Schedule of Work

D17. Commencement	8
D18. Work by Others	8
D19. Substantial Performance	9
D20. Total Performance	9
D21. Liquidated Damages	9
D22. Supply Chain Disruption Schedule Delays	10
D23. Orders	11
D24. Records	11

Control of Work

D25. Job Meetings	11
D26. Prime Contractor – The Workplace Safety and Health Act (Manitoba)	11
D27. The Workplace Safety and Health Act (Manitoba) – Qualifications	11
D28. Responsibility for Materials	11
D29. Early Open and Pre-Cast Concrete Bases	12

Measurement and Payment

D30. Payment	12
--------------	----

Warranty

D31. Warranty	12
---------------	----

Dispute Resolution

D32. Dispute Resolution	12
-------------------------	----

Indemnity

D33. Indemnity	13
----------------	----

Third Party Agreements

D34. Funding and/or Contribution Agreement Obligations	14
Form H1: Performance Bond	17
Form H2: Labour and Material Payment Bond	19
Form H3: Irrevocable Standby Letter of Credit	21
Form J: Subcontractor List	23

PART E - SPECIFICATIONS

General

E1. Applicable Specifications and Drawings	1
E2. Installation of Conduit	2
E3. Installation of Concrete Bases	2
E4. Installation of Service Boxes	3
E5. Spot Repairs	3
E6. Cutovers	4
E7. Installation of Conduit Into Existing Concret Base	4
E8. Installtion of Conduit Into Existing Utility Manholes and Service Box	4
E9. Installation of Ground Rods	5
E10. Removal of Street Pavement Material and Miscellaneous Slabs	5
E11. Removal of Existing Concrete Bases and Service Boxes	5
E12. Temporary Restoration/Capping of Street Pavement and Miscellaneous Slabs	5
E13. Restorations	5
E14. Materials	8
E15. Protection of Existing Trees	8
E16. Protection of Survey Infrastructure	9
E17. Traffic Control	9
E18. Authorized Work on Private Property	10
E19. Temporary Relocation of Affected Structures	10

PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

- B1.1 INSTALLATION OF UNDERGROUND TRAFFIC SIGNALS SERVICES & ASSOCIATED WORKS

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, April 11, 2025.
- 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 D7.1.
- 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 promptly notify the Contract Administrator of the error, discrepancy or omission 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 D7.

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, only to the Bidder who requested approval of the substitute.
- B6.6.1 The Bidder requesting and obtaining the approval of a substitute shall be entirely responsible for disseminating information regarding the approval to any person or persons 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 B16.
- B6.9 No later claim by the Contractor for an addition to the Total Bid Price because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.

B7. BID COMPONENTS

- B7.1 The Bid shall consist of the following components:
- (a) Form A: Bid/Proposal;
 - (b) Form B: Prices.
- 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 B16.1(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.

B8.4.2 All signatures shall be original.

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 D34. Any such costs shall be determined in accordance with D34.

B9.2 Payments to Non-Resident Contractors are subject to Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

B9.3 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.

B9.4 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.

B9.5 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 B16.4.1 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 C3.2, 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 D9).
- 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 on the Information Connection page at The City of Winnipeg, Corporate Finance, Purchasing Division website at <http://www.winnipeg.ca/matmgt/>).
- B12.5 Further to B12.3(d), the Bidder acknowledges they and all Subcontractors have obtained training required by the Accessibility for Manitobans Act (AMA) available at [Accessibility Training](#) 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. OPENING OF BIDS AND RELEASE OF INFORMATION

- B13.1 Bids will not be opened publicly.
- B13.2 Following the submission deadline, the names of the Bidders and their Total Bid Prices (unevaluated, and pending review and verification of conformance with requirements) will be available on the MERX website at www.merx.com.
- B13.3 After award of Contract, the name(s) of the successful Bidder(s), their address(es) and the Contract amount(s) will be available on the MERX website at www.merx.com.
- B13.4 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).
- B13.4.1 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.

B14. IRREVOCABLE BID

- B14.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 11 of Form A: Bid/Proposal.
- B14.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 11 of Form A: Bid/Proposal.

B15. WITHDRAWAL OF BIDS

- B15.1 A Bidder may withdraw their Bid without penalty prior to the Submission Deadline.

B16. EVALUATION OF BIDS

- B16.1 Award of the Contract shall be based on the following bid evaluation criteria:
- (a) compliance by the Bidder with the requirements of the 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.
- B16.2 Further to B16.1(a), the Award Authority may reject a Bid as being non-responsive if the Bid is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements or minor informalities or irregularities, if the interests of the City so require.
- B16.3 Further to B16.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in their Bid or in other information required to be submitted, that they are qualified.
- B16.4 Further to B16.1(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.
- B16.4.1 Further to B16.1(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.

B16.4.2 Bidders are advised that the calculation indicated in B16.4 will prevail over the Total Bid Price entered in MERX.

B17. AWARD OF CONTRACT

B17.1 The City will give notice of the award of the Contract or will give notice that no award will be made.

B17.2 The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be qualified, and the Bids are determined to be responsive.

B17.2.1 Without limiting the generality of B17.2, the City will have no obligation to award a Contract where:

- (a) the prices exceed the available City funds for the Work;
- (b) the prices are materially in excess of the prices received for similar work in the past;
- (c) the prices are materially in excess of the City's cost to perform the Work, or a significant portion thereof, with 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.

B17.3 Where an award of Contract is made by the City, the award shall be made to the qualified Bidder submitting the lowest evaluated responsive Bid, in accordance with B16.

B17.4 Further to Paragraph 7 of Form A: Bid/Proposal and C4, the City may issue a purchase order to the successful Bidder in lieu of the execution of a Contract.

B17.4.1 The Contract Documents, as defined in C1.1(p), in their entirety shall be deemed to be incorporated in and to form a part of the purchase order notwithstanding that they are not necessarily attached to or accompany said purchase order.

B17.5 Following the award of contract, a Bidder will be provided with information related to the evaluation of their Bid upon written request to the Contract Administrator.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for Construction* (Revision 2020-01-31) are applicable to the Work of the Contract.
- C0.1.1 The *General Conditions for Construction* are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Purchasing Division website at http://www.winnipeg.ca/matmgt/gen_cond.stm .
- C0.2 A reference in the Tender to a section, clause or subclause with the prefix “**C**” designates a section, clause or subclause in the *General Conditions for Construction*.

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

D1.1 In addition to the *General Conditions for Construction*, these Supplemental Conditions are applicable to the Work of the Contract.

D2. SCOPE OF WORK

D2.1 The Work to be done under the Contract shall consist of the installation of underground traffic signals services and associated works for the period from May 1, 2025 until April 30, 2026 with the option of four (4) mutually agreed upon (1) year extensions.

D2.1.1 The City may negotiate the extension option with the Contractor within ninety (90) Calendar Days prior to the expiry date of the Contract. The City shall incur no liability to the Contractor as a result of such negotiations.

D2.1.2 Changes resulting from such negotiations shall become effective on May 1st of the respective year. Changes to the Contract shall not be implemented by the Contractor without written approval by the Contract Administrator.

D2.1.3 Bidders are advised that, in future, the City may be participating in collaborative procurement initiatives with other levels of government. Accordingly, extensions to this Contract may not be exercised.

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

- (a) Installation of conduit;
- (b) Installation of concrete bases;
- (c) Installation of pre-cast service boxes;
- (d) Removal of existing service pits and concrete bases;
- (e) Restorations;
- (f) Cutovers.

D2.3 List of sites' and sizes of work can be found on attachment 3-2025_Location and Sizes.

D2.4 The Work shall be done on an "as required" basis during the term of the Contract.

D2.4.1 The type and quantity of Work to be performed under this Contract shall be as authorized from time to time by the Contract Administrator and/or Users.

D2.4.2 Notwithstanding C7.4, the City shall have no obligation under the Contract to purchase any quantity of any item in excess of their actual operational requirements.

D2.5 Notwithstanding D2.1, in the event that operational changes result in substantial changes to the requirements for Work, the City reserves the right to alter the type or quantity of work performed under this Contract, or to terminate the Contract, upon thirty (30) Calendar Days written notice by the Contract Administrator. In such an event, no claim may be made for damages on the ground of loss of anticipated profit on Work.

D3. SITE INVESTIGATION DUE DILIGENCE AND RISK

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

Practice based upon such report(s) and the information contained in them and such other site information. In the event that a site condition related to:

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

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

D4. DURATION OF CONTRACT

D4.1 The Contractor shall perform the Work of this Contract during the period of May 1, 2025 to November 28, 2025.

- (a) Further to D4.1, the period stated shall be considered the construction season.
- (b) Where permanent restorations can not be completed due to weather conditions during the construction season, the contract shall allow total performance for restorations to be completed by June 30, 2026.
- (c) Further to D4.1(b) the following shall be applicable:
 - (i) All terms and conditions of the current contract including pricing shall remain in effect.
 - (ii) No new work shall be issued/assigned.

D5. COOPERATIVE PURCHASE

D5.1 The Contractor is advised that this is a cooperative purchase.

D5.2 The Contract Administrator may, from time to time during the term of the Contract, approve other public sector organizations and utilities, including but not limited to municipalities, universities, schools and hospitals, to be participants in the cooperative purchase.

D5.3 The Contract Administrator will notify the Contractor of a potential participant and provide a list of the delivery locations and estimated quantities.

D5.4 If any location of the potential participant is more than ten (10) kilometres beyond the boundaries of The City of Winnipeg, the Contractor shall, within fifteen (15) Calendar Days of the written notice, notify the Contract Administrator of the amount of any additional delivery charge for the location.

D5.5 If any additional delivery charges are identified by the Contractor, the potential participant may accept or decline to participate in the cooperative purchase.

D5.6 The Contractor shall enter into a contract with each participant under the same terms and conditions as this Contract except:

- (a) supply under the contract shall not commence until the expiry or lawful termination of any other contract(s) binding the participant for the same goods and/or services;
- (b) a participant may specify a duration of Contract shorter than the duration of this Contract;

- (c) a participant may specify that only some items under this Contract and/or less than their total requirement for an item are to be supplied under their contract; and
- (d) any additional delivery charge identified and accepted in accordance with clause D5.4 and D5.5 will apply.

D5.7 Each participant will be responsible for the administration of their contract and the fulfilment of their obligations under their contract. The City shall not incur any liability arising from any such contract.

D5.8 No participant shall have the right or authority to effect a change in the contract, or of any other Participant in this Contract.

D6. DEFINITIONS

D6.1 When used in this Tender:

- (a) "**As-Built**" means drawing which illustrates the geographic location of modified and installed Traffic Signal Infrastructure, including all required and associated dimensioning;
- (b) "**Site**" Further to General Conditions for Construction Clause C1.1 (kk), Site means one Signalized Intersection (half or full), or one flashing Pedestrian Corridor (including Rapid Rectangular Flashing Beacon), or one intersection containing Hazard Flasher(s), or one Camera site. A site shall consist of all associated Signal Infrastructure as detailed in a City of Winnipeg Traffic Signal construction drawing. Each Site is considered a project in itself;
- (c) "**Supply Chain Disruption**" means an inability by the Contractor to obtain goods or services from third parties necessary to perform the Work of the Contract within the schedule specified therein, despite the Contractor making all reasonable commercial efforts to procure same. Contractors are advised that increased costs do not, in and of themselves, amount to a Supply Chain Disruption;
- (d) "**Traffic Signals Branch**" means the branch of the City of Winnipeg Public Works Department responsible for the design, operation, maintenance and installation of Traffic Signals devices;.
- (e) "**Underground Construction Crew**" means a construction crew including supervision, equipment, materials, tools and all other items required such that the timely performance of all work outlined in this contract can be completed;
- (f) "**Underground Work**" means work involved to install conduit, services pits, concrete bases and ground rods, excluding restorations identified in E13;
- (g) "**User**" means a person, department or other administrative unit of the City authorized by the Contract Administrator to order Work under this Contract.

D7. CONTRACT ADMINISTRATOR

D7.1 The Contract Administrator is:

Vic Hucko
Asset Standards and Contract Specialist
Telephone No.: 204-986-4191
Email Address: vhucko@winnipeg.ca

D7.2 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.

D8. CONTRACTOR'S SUPERVISOR

D8.1 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.

D9. ACCESSIBLE CUSTOMER SERVICE REQUIREMENTS

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

D10. UNFAIR LABOUR PRACTICES

- D10.1 Further to C3.2, the Contractor declares that in bidding for the Work and in entering into this Contract, the Contractor and any proposed Subcontractor(s) conduct their respective business in accordance with established international codes embodied in United Nations Universal Declaration of Human Rights (UDHR) <https://www.un.org/en/about-us/universal-declaration-of-human-rights> International Labour Organization (ILO) [https://www.ilo.org/global/lang--en/index.htm](https://www.ilo.org/global/lang-en/index.htm) conventions as ratified by Canada.
- D10.2 The City of Winnipeg is committed and requires its Contractors and their Subcontractors, to be committed to upholding and promoting international human and labour rights, including fundamental principles and rights at work covered by ILO eight (8) fundamental conventions and the United Nations Universal Declaration of Human Rights which includes child and forced labour.
- D10.3 Upon request from the Contract Administrator, the Contractor shall provide disclosure of the sources (by company and country) of the raw materials used in the Work and a description of the manufacturing environment or processes (labour unions, minimum wages, safety, etc.).
- D10.4 Failure to provide the evidence required under D10.3, may be determined to be an event of default in accordance with C18.
- D10.5 In the event that the City, in its sole discretion, determines the Contractor to have violated the requirements of this section, it will be considered a fundamental breach of the Contract and the Contractor shall pay to the City a sum specified by the Contract Administrator in writing ("Unfair Labour Practice Penalty"). Such a violation shall also be considered an Event of Default, and shall entitle the City to pursue all other remedies it is entitled to in connection with same pursuant to the Contract.
- D10.5.1 The Unfair Labour Practice Penalty shall be such a sum as determined appropriate by the City, having due regard to the gravity of the Contractor's violation of the above requirements, any cost of obtaining replacement goods/ services or rectification of the breach, and the impact upon the City's reputation in the eyes of the public as a result of same.

- D10.5.2 The Contractor shall pay the Unfair Labour Practice Penalty to the City within thirty (30) Calendar Days of receiving a demand for same in accordance with D10.5. The City may also hold back the amount of the Unfair Labour Practice Penalty from payment for any amount it owes the Contractor.
- D10.5.3 The obligations and rights conveyed by this clause survive the expiry or termination of this Contract, and may be exercised by the City following the performance of the Work, should the City determine, that a violation by the Contractor of the above clauses has occurred following same. In no instance shall the Unfair Labour Practice Penalty exceed the total of twice the Contract value.

SUBMISSIONS

D11. AUTHORITY TO CARRY ON BUSINESS

- D11.1 The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

D12. SAFE WORK PLAN

- D12.1 The Contractor shall provide the Contract Administrator with a Safe Work Plan at least five (5) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract Documents, if applicable.
- D12.2 The Safe Work Plan should be prepared and submitted in the format shown in the City's template which is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Purchasing Division website at <http://www.winnipeg.ca/matmgt/Safety/default.stm>
- D12.3 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.

D13. INSURANCE

- D13.1 The Contractor shall provide and maintain the following insurance coverage:
- (a) commercial general liability insurance, in the amount of at least two million dollars (\$2,000,000.00) inclusive, with The City of Winnipeg added as an additional insured, with a cross-liability clause, such liability policy to also contain contractual liability, unlicensed motor vehicle liability, non-owned automobile liability and products and completed operations, to remain in place at all times during the performance of the Work and throughout the warranty period;
 - (b) automobile liability insurance for owned automobiles used for or in connection with the Work in the amount of at least two million dollars (\$2,000,000.00) at all times during the performance of the Work and until the date of Total Performance;
 - (c) an all risks Installation Floater carrying adequate limits to cover all machinery, equipment, supplies and/or materials intended to enter into and form part of any installation.
- D13.2 Deductibles shall be borne by the Contractor.
- D13.3 The Contractor shall provide the Contract Administrator with a certificate(s) of insurance, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement

of any Work but in no event later than seven (7) Calendar Days from notification of the award of Contract by Purchase Order.

- D13.4 The Contractor shall not cancel, materially alter, or cause each policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the Contract Administrator.

D14. CONTRACT SECURITY

- D14.1 If the Contract Price exceeds twenty-five thousand dollars (\$25,000.00), the Contractor shall provide and maintain contract security for the initial term of the Contract, and then each subsequent extension term in the form of:

- (a) a performance bond of a company registered to conduct the business of a surety in Manitoba, in the form attached to these Supplemental Conditions (Form H1: Performance Bond), in the amount of fifty percent (50%) of the Contract Price for the initial term or extension term; or
- (b) a labour and material payment bond of a company registered to conduct the business of a surety in Manitoba, in the form attached to these Supplemental Conditions (Form H2: Labour and Material Payment Bond), in an amount equal to fifty percent (50%) of the Contract Price or extension term; or
- (c) an irrevocable standby letter of credit issued by a bank or other financial institution registered to conduct business in Manitoba and drawn on a branch located in Winnipeg, in the form attached to these Supplemental Conditions (Form H2: Irrevocable Standby Letter of Credit), in the amount of fifty percent (50%) of the Contract Price for the initial term or extension term; or
- (d) a certified cheque or draft payable to "The City of Winnipeg", drawn on a bank or other financial institution registered to conduct business in Manitoba, in the amount of fifty percent (50%) of the Contract Price for the initial term or extension term.

- D14.1.2 Bidders are advised that, as each Extension Term of the Contract may be subject to a different Contract Price, the Contractor shall submit adequate contract security for the initial term and then each extension term, which may be done through the cancellation and reissuance of contract security, or the revision of previously issued contract security via a rider.

- D14.1.3 Where the contract security is a performance bond, it may be submitted in hard copy or digital format. If submitted in digital format the contract security must meet the following criteria:
- (a) the version submitted by the Contractor must have valid digital signatures and seals;
 - (b) the version submitted by the Contractor must be verifiable by the City with respect to the totality and wholeness of the bond form, including: the content; all digital signatures and digital seals; with the surety company, or an approved verification service provider of the surety company.
 - (c) the version submitted must be viewable, printable and storable in standard electronic file formats compatible with the City, and in a single file. Allowable formats include pdf.
 - (d) the verification may be conducted by the City immediately or at any time during the life of the bond and at the discretion of the City with no requirement for passwords or fees.
 - (e) the results of the verification must provide a clear, immediate and printable indication of pass or fail regarding D14.1.3(b).

- D14.1.4 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 its discretion, exercised reasonably, allows.

- D14.1.5 Digital bonds passing the verification process will be treated as original and authentic.

D14.1.6 Where the contract security is in the form of a certified cheque or draft, it will be deposited by the City. The City will not pay any interest on certified cheques or drafts furnished as contract security.

D14.2 The Contractor shall provide the Contract Administrator identified in D7 with the required contract security within seven (7) Calendar Days of notification of the award of the Contract by way of Purchase Order and prior to the commencement of any Work on the Site.

D15. SUBCONTRACTOR LIST

D15.1 The Contractor shall provide the Contract Administrator with a complete list of the Subcontractors whom the Contractor proposes to engage (Form J: Subcontractor List) at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than seven (7) Calendar Days from notification of the award of Contract.

D16. REQUIREMENTS FOR SITE ACCESSIBILITY PLAN

D16.1 The Contractor shall provide the Contract Administrator with an Accessibility Plan at least five (5) Business Days prior to the commencement of any Work on the Site but in no event later than the date specified in C4.1 for the return of the executed Contract Documents, if applicable.

D16.2 The Accessibility Plan shall demonstrate how the Contractor will accommodate the safe passage of pedestrians and cyclists in accordance with the Manual of Temporary Traffic Control, the Contract Drawings, Staging Plans, and Streets By-Law No. 1481/77 at all times for the duration of the Construction. Unless noted in the Contract, the Accessibility Plan must include a written plan for the following:

- (a) How the Contractor will maintain at least one crossing in each direction for each intersection (one north/south crosswalk and one east/west crosswalk).
- (b) How the Contractor will maintain access to bus stops within the site.
- (c) How the Contractor will maintain access to pedestrian corridors and half signals.
- (d) How the Contractor will maintain cycling facilities.
- (e) How the Contractor will maintain access to residents and businesses unless otherwise noted in the Contract.
- (f) Any required detour signage at adjacent crossings to facilitate sidewalk or active transportation pathway closures.

D16.3 The Accessibility Plan may also include figures, sketches, or drawings to demonstrate the proposed plan.

D16.4 The Accessibility Plan shall include written details on how the Contractor intends to review, maintain, and document all items related to the Accessibility Plan on-site during Construction, including, but not limited to:

- (a) Signage
- (b) Temporary Ramping
- (c) Transit Stops
- (d) Detour Signage

D16.5 At minimum, the Contractor shall review the site conditions on a daily basis to ensure that all features related to the Accessibility Plan are in place. The site review is intended to correct deficiencies as a result of unforeseen events such as wind, traffic, or the general public. Deficiencies that are direct result of the Contractors actions must be corrected immediately.

D16.6 Any changes to the Accessibility Plan must be approved by the Contract Administrator.

- D16.7 Upon request from the Contract Administrator, the Contractor shall provide records demonstrating that the site has been maintained.
- D16.8 Deficiencies as a direct result of actions by the Contractor that are not immediately corrected and/or failure to produce records that demonstrate that the site was maintained in compliance with the Accessibility Plan may result in a pay adjustment via the monthly Progress Payment. The rate of pay adjustment will be as per the following schedule:
- (a) First Offence – A warning will be issued and documented in the weekly or bi-weekly site meeting.
 - (b) Second Offence – A field instruction to immediately correct the site will be issued by the Contract Administrator.
- D16.9 Third and subsequent Offences – A pay reduction will be issued in the amount of \$250.00 per instance and per day.

SCHEDULE OF WORK

D17. COMMENCEMENT

- D17.1 The Contractor shall not commence any Work until they are in receipt of a notice of award from the City authorizing the commencement of the Work.
- D17.2 The Contractor shall not commence any Work on the Site until:
- (a) the Contract Administrator has confirmed receipt and approval of:
 - (i) evidence of authority to carry on business specified in D11;
 - (ii) evidence of workplace safety and health program specified in B12.4;
 - (iii) evidence of the workers compensation coverage specified in C6.15;
 - (iv) evidence of the insurance specified in D13;
 - (v) the contract security specified in D14;
 - (vi) the Subcontractor list specified in D15;
 - (vii) the Requirements for Site Accessibility Plan as specified in D15 and
 - (viii) the direct deposit application form specified in D30.2.
 - (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.
- D17.3 The Contractor shall commence the Work on the Site within seven (7) Working Days of placing of an order, except where otherwise agreed at the time of ordering.
- D17.4 Further to CW 1120, utility clearances shall be obtained prior to the commencement of Work on Site. If the Contractor can show that utility clearances could not be obtained due to delays by the Utility owners, the Commencement date shall be adjusted accordingly.

D18. WORK BY OTHERS

- D18.1 Further to C6.25, the Contractor's attention is directed to the fact that other Contractors, the personnel of Utilities and the staff of the City may be working within the project limit, approach roadway, adjacent roadways or right-of-way. The activities of these agencies may coincide with the Contractors execution of work and it will be the Contractor's responsibility to cooperate to the fullest extent with other personnel working in the area, and such cooperation is an obligation of the Contractor under the terms of Contract.
- D18.2 Work by others on or near the Site will include but not necessarily be limited to:
- (a) City Water and Waste;
 - (b) City Roadwork Contractors;

- (c) Telecommunication Companies;
- (d) Manitoba Hydro;
- (e) Railway Contractors;
- (f) Traffic Signals Operations;
- (g) Utility Companies.

D18.3 Further to D18.1 the Contractor shall cooperate and coordinate all activities with all parties performing required Work by Others. The Contractor must include and accommodate Work by Others identified in D18.2 or additional parties, in their construction schedule and accommodate the necessary area on Site required for the Work by Others to complete the Work.

D19. SUBSTANTIAL PERFORMANCE

D19.1 The Contractor shall achieve Substantial Performance by October 31, 2025.

D19.2 When the Contractor considers the Work to be substantially performed, the Contractor shall The Contractor shall arrange, attend and assist in the inspection of the Work with the Contract Administrator for purposes of verifying Substantial Performance. Any defects or deficiencies in the Work noted during that inspection shall be remedied by the Contractor at the earliest possible instance and the Contract Administrator notified so that the Work can be reinspected.

D19.3 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.

D20. TOTAL PERFORMANCE

D20.1 The Contractor shall achieve Total Performance by November 28, 2025.

D20.2 When the Contractor or the Contract Administrator considers the Work to be totally performed, the Contractor shall arrange, attend and assist in the inspection of the Work with the Contract Administrator for purposes of verifying Total Performance. Any defects or deficiencies in the Work noted during that inspection shall be remedied by the Contractor at the earliest possible instance and the Contract Administrator notified so that the Work can be re-inspected.

D20.3 The date on which the Work has been certified by the Contract Administrator as being totally performed to the requirements of the Contract through the issue of a certificate of Total Performance is the date on which Total Performance has been achieved.

D21. LIQUIDATED DAMAGES

D21.1 A liquidated damage amount of five hundred dollars (\$500.00) per location shall be assessed, if the Contract Administrator finds work that is not in accordance to the Specifications and this work has been previously noted by the Contractor as being complete.

D21.1.1 A liquidated damage amount of two hundred fifty (\$250.00) additional dollars shall apply for each additional Work Day required to remedy the work deficiency to meet the Specifications. The time to complete the remediation shall start according to the date and time the Contract Administrator provides the written notification to the Contractor.

D21.2 Further to D21.1, the City reserves the right to correct any deficiencies where the Contractor has noted a site to be completed and deficiencies were noted by Traffic Signals Operations upon arrival on Site to perform Aboveground Installation. A one-time liquidated damage amount of five hundred dollars (\$500.00) per location shall be assessed for the City to remedy the work deficiency.

D21.3 A liquidated damage amount of five hundred dollars (\$500.00) per location shall be assessed, where the Contractor fails to have pre-arranged prep work completed upon Traffic Signals Operations arrival at the site or does not arrive on site at the pre-arranged time for coordinated work with Traffic Signals Operations.

D21.3.1 In addition to D21.3 in the event that prep work has not been complete or the contractor does not arrive on site, the Contractor shall reimburse the City for any costs incurred by the Traffic Signals branch to have traffic control by Winnipeg Police Services on site or within the minimum cancellation period.

D21.4 If the Contractor fails to achieve, Substantial Performance or Total Performance 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) Substantial Performance – five hundred dollars (\$500.00);

(b) Total Performance – five hundred dollars (\$500.00).

D21.5 The amounts specified for liquidated damages in D21 is based on a genuine pre-estimate of the City's damages in the event that the Contractor does not complete the work to Specifications, achieve Substantial Performance or Total Performance by the day fixed herein for same.

D21.6 The City may reduce any payment to the Contractor by the amount of any liquidated damages assessed.

D22. SUPPLY CHAIN DISRUPTION SCHEDULE DELAYS

D22.1 The City acknowledges that the schedule for this Contract may be impacted by the Supply Chain Disruption. Commencement and progress of the Work shall be performed by the Contractor with due consideration to delivery requirements and schedule identified in the Contract, in close consultation with the Contract Administrator.

D22.2 If the Contractor is delayed in the performance of the Work by reason of the Supply Chain Disruption, the Work schedule may be adjusted by a period of time equal to the time lost due to such delay and costs related to such delay will be determined as identified herein.

D22.3 A minimum of seven (7) Calendar Days prior to the commencement of Work, the Contractor shall declare whether a Supply Chain Disruption will affect the start date. The Contractor shall provide sufficient evidence that the delay is directly related to ordering of Material or Goods, production and/or manufacturing schedules or availability of staff as appropriate.

D22.4 For any delay related to Supply Chain Disruption and identified after Work has commenced, the Contractor shall within seven (7) Calendar Days of becoming aware of the anticipated delay declare the additional delay and shall provide sufficient evidence as indicated in D22.3. Failure to provide this notice will result in no additional time delays being considered by the City.

D22.5 The Work schedule, including the durations identified in D19 to D20 where applicable, will be adjusted to reflect delays accepted by the Contract Administrator. No additional payment will be made for adjustment of schedules except where seasonal work, not previously identified in the Contract, is carried over to the following construction season.

D22.6 Where Work not previously identified is being carried over solely as a result of delays related to Supply Chain Disruption, as confirmed by the Contract Administrator, the cost of temporary works to maintain the Work in a safe manner until Work recommences, will be considered by the Contract Administrator. Where the Work is carried over only partially due to Supply Chain Disruption, a partial consideration of the cost of temporary works will be considered by the Contract Administrator.

D22.7 Any time or cost implications as a result of Supply Chain Disruption and in accordance with the above, as confirmed by the Contract Administrator, shall be documented in accordance with C7.

D23. ORDERS

D23.1 Orders for Work shall be made at the regular biweekly job meetings.

D24. RECORDS

D24.1 The Contractor shall keep detailed records of the services supplied under the Contract.

D24.2 The Contractor shall record, as a minimum, for each item listed on Form B: Prices:

- (a) user name(s) and addresses;
- (b) order date(s);
- (c) service date(s); and
- (d) description and quantity of services provided.

D24.3 The Contractor shall provide the Contract Administrator with a copy of the records for each quarter year within fifteen (15) Calendar Days of the end of that quarter.

CONTROL OF WORK

D25. JOB MEETINGS

D25.1 Regular weekly job meetings will be held at 821 Elgin Ave., Traffic Signals Branch. These meetings shall be attended by a minimum of one representative of the Contract Administrator, one representative of the City and one representative of the Contractor. Each representative shall be a responsible person capable of expressing the position of the Contract Administrator, the City and the Contractor respectively on any matter discussed at the meeting including the Work schedule and the need to make any revisions to the Work schedule. The progress of the Work will be reviewed at each of these meetings.

D25.2 At the weekly job meetings, the Contract Administrator will provide the Contractor with a schedule for upcoming Sites to be completed to allow the Contractor adequate time to complete utility clearances prior to the commencement of Work at these Sites.

D25.3 The Contract Administrator reserves the right to cancel any job meeting or call additional job meetings whenever it is deemed necessary

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

D26.1 Further to C6.26, the Contractor shall be the Prime Contractor and shall serve as, and have the duties of the Prime Contractor in accordance with The Workplace Safety and Health Act (Manitoba).

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.

D28. RESPONSIBILITY FOR MATERIALS

D28.1 The Contractor will be responsible for supplying all forms, rings and anchor bolt templates required in this Tender for installation of concrete bases identified in E3.

D28.2 The Contractor is responsible for all materials after receiving them from the City of Winnipeg Stores. The Contractor shall provide the Site and amount of usage for each item. All unused materials will be returned to the City of Winnipeg no later than the end date stipulated in the

Scope of Work. The replacement value of any materials not returned to the City of Winnipeg within 10 Business Days after the end date stipulated in the Scope of Work will be reduced from the final payment to the Contractor.

D29. EARLY OPEN AND PRE-CAST CONCRETE BASES

- D29.1 The Contract Administrator may at any time make a special request to use either pre-cast or early open cast in place concrete bases.
- D29.2 Where no special request from the Contract Administrator is made the Contractor may request the use of pre-cast bases for a specific site.
- D29.2.1 Further to D29.1, pre-cast base fabrication and installation shall only be approved after the Contractor submits the stamped engineered shop drawing of the pre-cast base and it has been reviewed and accepted by the Contract Administrator.

MEASUREMENT AND PAYMENT

D30. PAYMENT

- D30.1 Further to C12, payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Contractor's invoice.
- D30.2 Further to C12, the City shall make payments to the Contractor by direct deposit to the Contractor's banking institution, and by no other means. Payments will not be made until the Contractor has made satisfactory direct deposit arrangements with the City. Direct deposit application forms are at https://winnipeg.ca/finance/files/Direct_Deposit_Form.pdf.

WARRANTY

D31. WARRANTY

- D31.1 Warranty is as stated in C13.

DISPUTE RESOLUTION

D32. DISPUTE RESOLUTION

- D32.1 If the Contractor disagrees with any opinion, determination, or decision of the Contract Administrator, the Contractor shall act in accordance with the Contract Administrator's opinion, determination, or decision unless and until same is modified by the process followed by the parties pursuant to D32.
- D32.2 The entire text of C21.4 is deleted, and amended to read: "Intentionally Deleted"
- D32.3 The entire text of C21.5 is deleted, and amended to read:
- (a) If Legal Services has determined that the Disputed Matter may proceed in the Appeal Process, the Contractor must, within ten (10) Business Days of the date of the Legal Services Response Letter, submit their written Appeal Form, in the manner and format set out on the City's Purchasing Website, to the Chief Administrative Officer, and to the Contract Administrator. The Contractor may not raise any other disputes other than the Disputed Matter in their Appeal Form.
- D32.4 Further to C21, prior to the Contract Administrator's issuance of a Final Determination, the following informal dispute resolution process shall be followed where the Contractor disagrees with any opinion, determination, or decision of the Contract Administrator ("Dispute"):
- (a) In the event of a Dispute, attempts shall be made by the Contract Administrator and the Contractor's equivalent representative to resolve Disputes within the normal course of

project dealings between the Contract Administrator and the Contractor's equivalent representative.

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

- D32.4.1 Names and positions of Contractor representatives equivalent to the above City position levels shall be determined by the Contractor and communicated to the City at the pre-commencement or kick off meeting.
- D32.4.2 As these negotiations are not an adjudicative hearing, neither party may have legal counsel present during the negotiations.
- D32.4.3 Both the City and the Contractor agree to make all reasonable efforts to conduct the above escalating negotiation process within twenty (20) Business Days, unless both parties agree, in writing, to extend that period of time.
- D32.4.4 If the Dispute is not resolved to the City and Contractor's mutual satisfaction after discussions have occurred at the final escalated level as described above, or the time period set out in D32.4.3, as extended if applicable, has elapsed, the Contract Administrator will issue a Final Determination as defined in C1.1(v), at which point the parties will be governed by the Dispute Resolution process set out in C21.

INDEMNITY

D33. INDEMNITY

- D33.1 Indemnity shall be as stated in C17.
- D33.2 Notwithstanding C17.1, the Contractor shall save harmless and indemnify the City in the amount of twice the Contract Price or five million dollars (\$5,000,000), whichever is greater, against all costs, damages or expenses arising from actions, claims, demands and proceedings, by whomsoever brought, made or taken as a result of negligent acts or negligent omissions of the Contractor, their Subcontractors, employees or agents in the performance or purported performance of the Work, and more particularly from:
- (a) accidental injury to or death of any person whether retained by or in the employ of the Contractor or not, arising directly or indirectly by reason of the performance of the Work, or by reason of any trespass on or damage to property;
 - (b) damage to any property owned in whole or in part by the City, or which the City by duty or custom is obliged, directly or indirectly, in any way or to any degree, to construct, repair or maintain;
 - (c) damage to, or trespass or encroachment upon, property owned by persons other than the City;
 - (d) any claim for lien or trust claim served upon the City pursuant to The Builders' Liens Act;
 - (e) failure to pay a Workers Compensation assessment, or Federal or Provincial taxes;
 - (f) unauthorized use of any design, device, material or process covered by letters patent, copyright, trademark or trade name in connection with the Work;
 - (g) inaccuracies in any information provided to the City by the Contractor.

- D33.3 Further to C17, The City shall save harmless and indemnify the Contractor in the amount of twice the Contract Price or five million dollars (\$5,000,000), whichever is greater, against all costs, damages or expenses arising from actions, claims, demands and proceedings, by whomsoever brought, made or taken as a result of negligent acts or negligent omissions of the City, their employees or agents in the performance of its obligation under the Contract.

THIRD PARTY AGREEMENTS

D34. FUNDING AND/OR CONTRIBUTION AGREEMENT OBLIGATIONS

- D34.1 In the event that funding for the Work of the Contract is provided to the City of Winnipeg by the Government of Manitoba and/or the Government of Canada, the following terms and conditions shall apply, as required by the applicable funding agreements.
- D34.2 Further to D34.1, in the event that the obligations in D34 apply, actual costs legitimately incurred by the Contractor as a direct result of these obligations ("Funding Costs") shall be determined by the actual cost to the Contractor and not by the valuation method(s) outlined in C7.4. In all other respects Funding Costs will be processed in accordance with Changes in Work under C7.
- D34.3 For the purposes of D34:
- (a) **"Government of Canada"** includes the authorized officials, auditors, and representatives of the Government of Canada; and
 - (b) **"Government of Manitoba"** includes the authorized officials, auditors, and representatives of the Government of Manitoba.
- D34.4 Modified Insurance Requirements
- D34.4.1 If not already required under the insurance requirements identified in D13, the Contractor will be required to provide wrap-up liability insurance in an amount of no less than two million dollars (\$2,000,000) inclusive per occurrence. Such policy will be written in the joint names of the City, Contractor, Consultants and all Subcontractors and sub-consultants and include twelve (12) months completed operations. The Government of Manitoba and their Ministers, officers, employees, and agents shall be added as additional insureds.
- D34.4.2 If not already required under the insurance requirements identified in D13 the Contractor will be required to provide builders' risk insurance (including boiler and machinery insurance, as applicable) providing all risks coverage at full replacement cost, or such lower level of insurance that the City may identify on a case-by-case basis, such as an installation floater.
- D34.4.3 The Contractor shall obtain and maintain third party liability insurance with minimum coverage of two million dollars (\$2,000,000.00) per occurrence on all licensed vehicles operated at the Site. In the event that this requirement conflicts with another licensed vehicle insurance requirement in this Contract, then the requirement that provides the higher level of insurance shall apply.
- D34.4.4 Further to D13.3, insurers shall provide satisfactory Certificates of Insurance to the Government of Manitoba prior to commencement of Work as written evidence of the insurance required. The Certificates of Insurance must provide for a minimum of thirty (30) days' prior written notice to the Government of Manitoba in case of insurance cancellation.
- D34.4.5 All policies must be taken out with insurers licensed to carry on business in the Province of Manitoba.
- D34.5 Indemnification By Contractor
- D34.5.1 In addition to the indemnity obligations outlined in C17 of the General Conditions for Construction, the Contractor agrees to indemnify and save harmless the Government of Canada and the Government of Manitoba and each of their respective Ministers, officers, servants, employees, and agents from and against all claims and demands, losses, costs,

damages, actions, suit or other proceedings brought or pursued in any manner in respect of any matter caused by the Contractor or arising from this Contract or the Work, or from the goods or services provided or required to be provided by the Contractor, except those resulting from the negligence of any of the Government of Canada's or the Government of Manitoba's Ministers, officers, servants, employees, or agents, as the case may be.

- D34.5.2 The Contractor agrees that in no event will Canada or Manitoba, their respective officers, servants, employees or agents be held liable for any damages in contract, tort (including negligence) or otherwise, for:
- (a) any injury to any person, including, but not limited to, death, economic loss or infringement of rights;
 - (b) any damage to or loss or destruction of property of any person; or
 - (c) any obligation of any person, including, but not limited to, any obligation arising from a loan, capital lease or other long term obligation;

in relation to this Contract or the Work.

D34.6 Records Retention and Audits

- D34.6.1 The Contractor shall maintain and preserve accurate and complete records in respect of this Contract and the Work, including all accounting records, financial documents, copies of contracts with other parties and other records relating to this Contract and the Work during the term of the Contract and for at least six (6) years after Total Performance. Those records bearing original signatures or professional seals or stamps must be preserved in paper form; other records may be retained in electronic form.

- D34.6.2 In addition to the record keeping and inspection obligations outlined in C6 of the General Conditions for Construction, the Contractor shall keep available for inspection and audit at all reasonable times while this Contract is in effect and until at least six (6) years after Total Performance, all records, documents, and contracts referred to in D34.6.1 for inspection, copying and audit by the City of Winnipeg, the Government of Manitoba and/or the Government of Canada and their respective representatives and auditors, and to produce them on demand; to provide reasonable facilities for such inspections, copying and audits, to provide copies of and extracts from such records, documents, or contracts upon request by the City of Winnipeg, the Government of Manitoba, and/or the Government of Canada and their respective representatives and auditors, and to promptly provide such other information and explanations as may be reasonably requested by the City of Winnipeg, the Government of Manitoba, and/or the Government of Canada from time-to-time.

D34.7 Other Obligations

- D34.7.1 The Contractor consents to the City providing a copy of the Contract Documents to the Government of Manitoba and/or the Government of Canada upon request from either entity.
- D34.7.2 If the Lobbyists Registration Act (Manitoba) applies to the Contractor, the Contractor represents and warrants that it has filed a return and is registered and in full compliance with the obligations of that Act, and covenants that it will continue to comply for the duration of this Contract.
- D34.7.3 The Contractor shall comply with all applicable legislation and standards, whether federal, provincial, or municipal, including (without limitation) labour, environmental, and human rights laws, in the course of providing the Work.
- D34.7.4 The Contractor shall properly account for the Work provided under this Contract and payment received in this respect, prepared in accordance with generally accepted accounting principles in effect in Canada, including those principles and standards approved or recommended from time-to-time by the Chartered Professional Accountants of Canada or the Public Sector Accounting Board, as applicable, applied on a consistent basis.

- D34.7.5 The Contractor represents and warrants that no current or former public servant or public office holder, to whom the Value and Ethics Code for the Public Sector, the Policy on Conflict of Interest and Post Employment, or the Conflict of Interest Act applies, shall derive direct benefit from this Contract, including any employment, payments, or gifts, unless the provision or receipt of such benefits is in compliance with such codes and the legislation.
- D34.7.6 The Contractor represents and warrants that no member of the House of Commons or of the Senate of Canada or of the Legislative Assembly of Manitoba is a shareholder, director or officer of the Contractor or of a Subcontractor, and that no such member is entitled to any benefits arising from this Contract or from a contract with the Contractor or a Subcontractor concerning the Work.

FORM H1: PERFORMANCE BOND
(See D14)

KNOW EVERYONE BY THESE PRESENTS THAT

(hereinafter called the "Principal"), and

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

_____ dollars (\$_____.____)

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

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

TENDER NO. 3-2025

INSTALLATION OF UNDERGROUND TRAFFIC SIGNALS SERVICES & ASSOCIATED WORKS

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

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

- (a) carry out and perform the Contract and every part thereof in the manner and within the times set forth in the Contract and in accordance with the terms and conditions specified in the Contract;
- (b) perform the Work in a good, proper, workmanlike manner;
- (c) make all the payments whether to the Obligee or to others as therein provided;
- (d) in every other respect comply with the conditions and perform the covenants contained in the Contract; and
- (e) indemnify and save harmless the Obligee against and from all loss, costs, damages, claims, and demands of every description as set forth in the Contract, and from all penalties, assessments, claims, actions for loss, damages or compensation whether arising under "The Workers Compensation Act", or any other Act or otherwise arising out of or in any way connected with the performance or non-performance of the Contract or any part thereof during the term of the Contract and the warranty period provided for therein;

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

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

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

_____ day of _____, 20____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

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

FORM H2: LABOUR AND MATERIAL PAYMENT BOND
(See D14)

KNOW EVERYONE BY THESE PRESENTS THAT

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

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

dollars (\$_____._____)

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

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

TENDER NO. 3-2025

INSTALLATION OF UNDERGROUND TRAFFIC SIGNALS SERVICES & ASSOCIATED WORKS

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

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

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

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

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

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

_____ day of _____, 20____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

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

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

(Date)

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

RE: CONTRACT SECURITY - TENDER NO. 3-2025

INSTALLATION OF UNDERGROUND TRAFFIC SIGNALS SERVICES & ASSOCIATED WORKS

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

(Name of Contractor)

(Address of Contractor)

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

_____ Canadian dollars.

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

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

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

(Address)

and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

Subject to the condition hereinafter set forth, this Standby Letter of Credit will expire on

(Date)

It is a condition of this Standby Letter of Credit that it shall be deemed to be automatically extended from year to year without amendment from the present or any future expiry date, unless at least 30 days prior to the present or any future expiry date, we notify you in writing that we elect not to consider this Standby Letter of Credit to be renewable for any additional period.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

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

(Name of bank or financial institution)

Per: _____
(Authorized Signing Officer)

Per: _____
(Authorized Signing Officer)

[illegible]

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

Specification No.	Specification Title
CW 1130	Site Requirements
CW 2030	Excavation Bedding and Backfill
CW 2160	Concrete Underground Structures and Works
CW 3110	Sub-Grade, Sub-Base and Base Course Construction
CW 3210	Adjustment of Pavement and Boulevard Structures
CW 3230	Full-Depth Patching of Existing Pavement Slabs and Joints
CW 3235	Renewal of Existing Miscellaneous Concrete Slabs
CW 3240	Asphaltic Concrete Pavement Works
CW 3310	Portland Cement Concrete Sidewalk
CW 3326	Detectable Warning Surface Tiles
CW 3330	Installation of Interlocking Paving Stone
CW 3335	Installation of Interlocking Paving Stones on A Lean Concrete Base
CW 3410	Asphaltic Concrete Pavement Works
CW 3510	Sodding
CW 3520	Seeding
CW 3620	Installation of Underground Traffic Signals Services
	Winnipeg 2025 Street Cuts Manual (or latest revision)

Drawing No.	Drawing Name/Title
SD-300	Controller Base
SD-302	Pedestal Base
SD-312A	Signal Pole Base – Type OD (Medium Duty-32 Dia. Bolts)
SD-313	Signal Pole Base – Type G (Light Duty-32 Dia. Bolts)
SD-315.A	Signal Pole Base – Type PM (Pushbutton/Speaker-20 Dia. Bolts)
SD-315.B	Signal Pole Base – Type PG (Medium Duty-32 Dia. Bolts)
SD-315.C	Signal Pole Base – Type POD (Medium Duty-32 Dia. Bolts)
SD-315.D	Signal Pole Base – Type M
SD-318	Signal Pole Base – General Alignment to Roadway
SD-322	Service Box – Pre-Cast
SD-340	Polyethylene Conduit Joint
SD-342	Beddings and Backfills for Underground Traffic Signal Works

E2. INSTALLATION OF CONDUIT

E2.1 Installation and payment of conduit shall be in accordance with CW 3620.

E3. INSTALLATION OF CONCRETE BASES

E3.1 This specification shall cover the installation of Early Open Cast in Place Concrete Bases:

- (a) Signal Pole Base – Type OD (SD-312A);
- (b) Signal Pole Base - Type G (SD-313);
- (c) Signal Pole Base – Type M (SD-315.M);
- (d) Controller Base (SD-300);
- (e) Pedestal Base (SD-302).

E3.1.1 Materials

- (a) Supply concrete for bases in accordance with CW 2160, Table CW 2160.1 Design Requirements for Concrete Used for Underground Structures, for Type A Structures (monolithic sewers and reinforced structures).
- (b) Further to E3.1.1(a), the supplied concrete shall be '**early opening concrete**' and shall achieve a minimum compressive strength of 22 MPa at 48 hours.
- (c) City Supplied Materials shall be as per Section 2.10 of CW 3620 and E14.
- (d) Further to E3.1.1(c), the Contractor shall be responsible for supplying all forms, rings and anchor bolt templates required for installation of concrete bases.

E3.1.2 Construction Method

- (a) Construction Methods for the installation of Early Open Concrete Bases shall be as per Section 3.7 of CW 3620.

E3.1.3 Measurement of Payment

- (a) Installation of Concrete Bases shall be measured on a unit basis and paid for at the Contract Unit Price per unit for "Items of Work" listed below. The number of units to be paid for shall be the total number of concrete bases installed in accordance with this specification, accepted and measured by the Contract Administrator.
- (b) Items of Work:
 - (i) Signal Pole Base – Type OD
 - (ii) Signal Pole Base - Type G
 - (iii) Signal Pole Base – Type M
 - (iv) Controller Base
 - (v) Pedestal Base
- (c) Payment for the items of work in this Section includes the supply and installation of ready mix or mixed concrete on site.
- (d) Payment for the items of work listed above includes boring.
- (e) Payment for the items of work listed above includes top ring forms.

E3.2 This specification shall cover the installation of Pre-Cast Concrete Bases:

- (a) Signal Pole Base – Type POD (SD-315.C);
- (b) Signal Pole Base - Type PG (SD-315.B);
- (c) Signal Pole Base – Type PM (SD-315.A).

E3.2.1 Pre-cast base fabrication and installation shall only be approved after the Contractor submits the stamped engineered shop drawing of the pre-cast base and it has been reviewed and accepted by the Contract Administrator.

E3.2.2 Fabrication and installation shall be in accordance with SD-315.B (Type PG), SD-315.C (Type POD) and SD-315.A (Type PM).

- E3.2.3 Pre-cast Type PG, POD and PM concrete bases shall be supplied by The Contractor. Anchor bolts shall be provided by The City.
- E3.2.4 Payment of Pre-cast Type PG, POD and PM bases shall be per base installed as per E3.1.3.

NOTE: No measurement or payment will be made for the supply of associated material or equipment associated with this specification.

E4. INSTALLATION OF SERVICE BOXES

E4.1 Description

- (a) This specification covers the use and installation of pre-cast service boxes 24" x 36", 17" x 30" and 13" x 24" as per SD-322.
- (b) Pre-cast service box sizes as follows:

	Outside Dimensions (Typical)		
	W	L	H
13" x 24"	18 1/8" (460mm)	27 1/2" (699mm)	18" (457mm)
17" x 30"	21 3/4" (552mm)	33 3/8" (847mm)	18" (457mm)
24" x 36"	28 3/4" (731mm)	40 3/8" (1026mm)	24" (610mm)

E4.2 Materials

- (a) Materials shall be as per section 2 of CW 3620.

E4.3 Construction Method

Install Pre-Cast Service Box in grass boulevards/medians, and hard surfaced medians or as shown on the Drawings or as directed by the Contract Administrator.

- (a) Fill bottom of excavation with compacted limestone base course material to set precast service box to grade.
- (b) Install Pre-Cast Service Box on top of the compacted granular fill material to pavement, sidewalk or boulevard finish grade.
- (c) All conduits must be bundled into a group in the centre of the Pre-Cast Service Box. Install plastic plugs prior to back fill.
- (d) Backfill around Pre-Cast Service Box exterior. Back fill shall conform to requirements of SD-342.
- (e) Pre-Cast Service box shall meet the grade of the sidewalk or boulevard given provided by Contract Administrator.

E4.4 Measurement and Payment

- (a) Installation of Service Boxes shall be measured on a unit basis and paid for at the Contract Unit Price per unit for "Items of Work" listed below. The number of units to be paid for shall be the total number of Service Boxes installed in accordance with this specification, accepted and measured by the Contract Administrator.

Items of Work:

- (i) Service Box Pre-Cast.

E5. SPOT REPAIRS

- E5.1 This specification covers spot repairs. Spot repairs involves removing blockage in the conduit to allow cable to be pulled freely through the conduit into the bases.

- E5.2 Perform the following tasks:

- (a) Contractor shall attempt blowing compressed air through conduit to dislodge any foreign material that may be the cause of the blockage. Traffic Signals Operations will verify if the cable moves freely.
- (b) Should blowing compressed air not be successful in removal of the blockage, the contractor shall:
 - (i) Expose existing conduit by digging in alignment with the direction of the conduit where the spot repair is specified.
 - (ii) May assist in removal of cables from the conduit.
 - (iii) Cut and replace up to 2m of conduit.
 - (iv) Couple old and new conduits together as outlined in E.6 Cutovers.
 - (v) Backfill in accordance with CW 3620.
 - (vi) Restore the excavated cut in accordance with CW 3620 and as directed by the Contract Administrator.

Note: This does not include any Street Pavement removal, Miscellaneous Slab removal or restoration of the excavated area.

E5.3 Measurement of Payment

Payment will be based on a per unit price for Spot Repair. No additional payment will be made for Cutovers associated with a Spot Repair.

E6. CUTOVERS

E6.1 This specification covers cutovers. Cutovers is exposing, replacing and coupling conduit into bases.

E6.2 Perform the following tasks for cutovers:

- (a) Expose existing conduit by digging in alignment with the direction of the conduit where new conduit is specified to be coupled. **NOTE: Conduit shall be exposed prior to Traffic Signals Operations arriving at the site.**
- (b) May assist in removal of cables from the conduit.
- (c) Cut conduit at specified location.
- (d) May assist in pushing existing cables into new conduit.
- (e) Couple old and new conduits together as specified in SD-340.
- (f) Backfill in accordance with CW 3620.
- (g) Restore the excavated cut in accordance with CW 3620 and as directed by the Contract Administrator.

E6.3 Measurement of Payment

- (a) In accordance with CW 3620.

E7. INSTALLATION OF CONDUIT INTO EXISTING CONCRET BASE

E7.1 Installation and payment of conduit into existing concrete base shall be in accordance with CW 3620.

E8. INSTALLTION OF CONDUIT INTO EXISTING UTILITY MANHOLES AND SERVICE BOX

E8.1 Installation and payment of conduit into traffic signal service box shall be in accordance with CW 3620.

E8.2 Further to CW 3620 utility manholes are defined as utility owned service box, utility owned service pedestal, utility owned underground vault or area and/or utility owned transformer.

E9. INSTALLATION OF GROUND RODS

E9.1 Installation and payment of ground rods shall be in accordance with CW 3620.

E10. REMOVAL OF STREET PAVEMENT MATERIAL AND MISCELLANEOUS SLABS

E10.1 Removal and payment of street pavement material and miscellaneous slabs shall be in accordance with CW 3620.

E11. REMOVAL OF EXISTING CONCRETE BASES AND SERVICE BOXES

E11.1 Removal and payment of existing concrete bases and service boxes shall be in accordance with CW 3620.

E12. TEMPORARY RESTORATION/CAPPING OF STREET PAVEMENT AND MISCELLANEOUS SLABS

E12.1 Temporary capping/restoration and payment of miscellaneous slabs shall be in accordance with CW 3620.

E12.1.1 Temporary miscellaneous slab restoration shall be based on one of the following scenarios:

- (a) When permanent restorations are intended to be complete within four (4) weeks following completion of the underground works.
 - (i) Temporary backfill with granular material, unless otherwise directed by the Contract Administrator. No measurement and payment shall be made for temporary backfill with granular material.
- (b) When permanent restorations will not be complete within four (4) weeks following completion of the underground works, or as directed by the Contract Administrator.
 - (i) Complete temporary restoration with capping materials as per Winnipeg Street Cuts Manual.

E12.2 Temporary capping/restoration and payment of street pavement shall be in accordance with CW 3620.

- (a) To be completed immediately following completion of the installation of underground Traffic Signals infrastructure.
 - (i) Temporary restoration shall be complete as per Winnipeg Street Cuts Manual, or as approved/directed by the Contract Administrator.

E13. RESTORATIONS

E13.1 Boulevard Restoration

E13.1.1 Restoration and payment of boulevard restoration shall be in accordance with CW 3510 or CW 3520 as required.

- (a) Contractor responsible to complete permanent restorations including topsoil and seed/sod as soon as possible/practical following completion of the work.
- (b) Backfill to surface shall be completed immediately following completion of the installation of underground traffic signals infrastructure.
- (c) If backfill to surface is not complete construction barricades to be in place to protect public from excavated area.

E13.2 Street Pavement Restoration

E13.2.1 Description

- (a) This specification covers the restoration of street concrete pavement, asphalt pavement and pavements with asphalt over concrete where removals are required for the installation of Traffic Signal infrastructure.

E13.2.2 Materials

- (a) Materials shall be as per Section 5 of CW 3230 and Section 5 of CW 3410.
- (b) Asphalt material shall be supplied in accordance with CW 3410.

E13.2.3 Construction Method

- (a) Remove as much concrete pavement as necessary to facilitate adequate room for installation of traffic signals appurtenances. The removal area shall be uniform, rectangular and parallel to the nearest edge or joint. If the area left is less than 1000mm in width to the nearest joint or edge, remove all concrete to the nearest joint or edge.
- (b) Restore concrete and asphalt pavement to match adjacent existing concrete and asphalt pavement depths respectively.
- (c) Restore concrete pavement in accordance with Section 9 of CW 3230.
- (d) Restore asphalt pavement in accordance with Section 9.4 of CW 3410.

E13.2.4 Measurement & Payment

- (a) Concrete and Asphalt Pavement Restoration will be measured on an area bases and paid for at the Contract Unit Price per square meter for "Street Pavement Restoration". The area to be paid for will be the total numbers of square meters of pavement restored in accordance with this specification, accepted and measured by the Contract Administrator.
- (b) All costs for base preparation, tack coat, reinforcing steel, drilled dowels and tier bars, and concrete slabs and/or asphalt pavement of various depths, mill and fill, asphalt overlay and all other work associated with concrete and /or asphalt pavement restoration will be included in the item of work "Street Pavement Restorations".

E13.3 Miscellaneous Slab Restoration

E13.3.1 Description

- (a) This specification covers the restoration of miscellaneous slabs which includes, but is not limited to, median slab, monolithic median slab, safety median, 100 mm sidewalk, 150 mm reinforced sidewalk, bullnose, monolithic curb and sidewalk, asphalt pavement for multi-use path, interlocking paving stones, and interlocking paving stones on a lean concrete base where removals are required for the installation of Traffic Signals infrastructure.

E13.3.2 Materials

- (a) Materials shall be as per Section 2 of CW 3235, Section 5 of CW 3410, Section 5 of CW 3330 and Section 5 of CW 3335.
- (b) Asphalt material shall be supplied in accordance with CW 3410.

E13.3.3 Construction Methods

- (a) Remove as much concrete pavement as necessary to facilitate adequate room for installation of traffic signals appurtenances. The removal area shall be uniform, rectangular and parallel to the nearest edge or joint. If the area left is less than 600mm in width to the nearest joint or edge, remove all concrete to the nearest joint or edge.
- (b) Match existing adjacent miscellaneous slab style, including but not limited to medians, sidewalks, monolithic curb and sidewalk, and bullnoses.
- (c) Restore miscellaneous slabs in accordance with Section 3 of CW 3235.
- (d) Restore asphalt sidewalk or multi-use path in accordance with Section 9.4 of CW 3410.
- (e) Restore sidewalks comprised of paving stones in accordance with Section 9 of CW 3330.
- (f) Restore sidewalks comprised of paving stones on a lean concrete base in accordance with Section 9 of CW 3335.

- (g) Restore precast concrete pavers to match existing adjacent paving stone color and style.

E13.3.4 Measurement & Payment

- (a) Miscellaneous Slabs Restoration will be measured on an area basis and paid for at the Contract Unit Price per square meter for "Miscellaneous Slabs Restoration". The area to be paid for will be the total number of square meters of median slab, monolithic median slab, safety median, 100 mm sidewalk, 150 mm reinforced sidewalk, bullnose, monolithic curb and sidewalk, bullnoses, asphalt pavement for multi-use path, interlocking paving stones, and interlocking paving stones on a lean concrete base restored in accordance with this specification, accepted and measured by the Contract Administrator.
- (b) All costs for base preparation, tack coat, reinforcing steel, drilled tie bars, precast concrete pavers, and concrete and/or asphalt pavement and all other work associated with miscellaneous slabs restoration, will be included in the item of work for "Miscellaneous Slab Restoration".

E13.4 Concrete Curb Installation

E13.4.1 Description

- (a) This specification covers the restoration of concrete curb, which includes, but is not limited to, curb and gutter, mountable curb, 75 mm lip curb, 40 mm lip curb, modified lip curb, barrier curb, modified barrier curb, safety curb, monolithic concrete splash strip, and separate concrete splash strip where removals are required for the installation of Traffic Signals Infrastructure.

E13.4.2 Materials

- (a) Materials shall be as per Section 2 of CW 3240.

E13.4.3 Construction Method

- (a) Remove only as much concrete pavement as necessary to facilitate adequate room for installation of traffic signals appurtenances. If the area necessary is within 600 mm of a joint, increase the removal area to encompass the joint.
- (b) Match existing adjacent curb style.
- (c) Restore concrete curbs in accordance with Section 3 of CW 3240.

E13.4.4 Measurement & Payment

- (a) Concrete Curb Restoration will be measured on a length basis and paid for at the Contract Unit Price per linear meter for "Concrete Curb Restoration". The length to be paid for will be the total number of meters of curb and gutter, mountable curb, 75 mm lip curb, 40 mm lip curb, modified lip curb, barrier curb, modified barrier curb, safety curb, monolithic concrete splash strip, or separate concrete splash strip restored in accordance with this specification accepted and measured by the Contract Administrator.
- (b) All costs for reinforcing steel, drilled tie bars, curb of various types and all other work associated with concrete curb restoration, will be included in the item of work, "Concrete Curb Restoration".

E13.5 Curb Ramp Installation

E13.5.1 Description

- (a) This specification covers the restoration and installation of curb ramps as shown on the drawings and where directed by the Contract Administrator.

E13.5.2 Materials

- (a) Materials shall be as per Section 2 of CW 3240.

E13.5.3 Construction Methods

- (a) Where curb ramp restorations are being completed, remove only as much concrete pavement as necessary to facilitate adequate room for installation of traffic signals appurtenances. If the area necessary is within 600 mm of a joint, increase the removal area to encompass the joint.
- (b) Where curb ramp installations are being completed, remove existing curb and sidewalk as directed by the drawings or Contract Administrator that is required to install the curb ramps as per the CW 3240.
- (c) The transition curb shall match the existing adjacent curb style.
- (d) Restore or install curb ramps in accordance with Section 3 of CW 3240.

E13.5.4 Measurement & Payment

- (a) The concrete sidewalk ramp and the concrete ramp for multi-use paths will be paid as a unit under the Contract Unit Price "Curb Ramp Installation."

E13.6 Detectable Warning Surface Tile Installation

- E13.6.1 Installation and payment of detectable warning surface tile shall be in accordance with CW 3326.

E14. MATERIALS

E14.1 Further to CW 3620 2.10.1(f) and 2.10.2, Master Anchor Bolt Templates:

- (a) The Contractor shall be responsible for supplying all anchor bolt templates required in this Tender for installation of concrete bases identified in E3.

E14.2 Further to CW 3620 2.10, City Supplied Materials:

- (a) The Contractor shall contact the Contract Administrator to coordinate the pickup of the materials. The Contractor shall supply a list of materials and quantities for each specific job location prior to material pickup.
- (b) If requested by the Contract Administrator, the Contractor shall submit in writing an account for all materials supplied by the City, showing in detail all materials drawn from the City's stores, quantities used at each work location, and materials on hand.
- (c) The Contractor shall be obliged to requisition and withdraw those items which are City supplied material on the basis of the estimated quantity needed for a particular job.
- (d) The Contractor shall account for the quantities of materials drawn to the satisfaction of the City. Any overdraw of materials in excess of required quantities shall be credited or returned to the City. At the end of the Contract, all surplus materials shall be returned to the City.
- (e) The Contractor shall have the means to properly pickup and transport supplied materials safely from the City stores location.
 - (i) Conduit may be supplied in 200' rolls or 1000meter reels. Reel size 96" diameter, 44" width.

E15. PROTECTION OF EXISTING TREES

E15.1 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. The same provisions shall be applied to trees that may be affected on private property:

- (a) The Contractor shall not stockpile materials and soil or park vehicles and equipment on boulevards within 2 meters of trees.
- (b) Trees identified to be at risk by the Contract Administrator are to be strapped with 1" x 4" x 8' (25 x 100 x 2400mm) wood planks, or suitably protected as approved by the Contract Administrator.
- (c) Excavation shall be performed in a manner that minimizes damage to the existing root systems, whether public or private. Where possible, excavation shall be carried out such that the edge of the excavation shall be a minimum of 1.5 times the diameter (measured in

inches), with the outcome read in feet, from the closest edge of the trunk. Where roots must be cut to facilitate excavation, they shall be pruned neatly at the face of excavation.

- (d) Operation of equipment within the dripline of all trees shall be kept to the minimum required to perform the Work required. Equipment shall not be parked, repaired, refueled; construction materials shall not be stored, and earth materials shall not be stockpiled within the 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.
- (e) 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.

Note: No measurement or payment will be made for the work associated with this specification

E16. PROTECTION OF SURVEY INFRASTRUCTURE

E16.1 Notwithstanding Clause 3.14 of the General Requirements CW 1130:

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

E16.2 Where a survey post, bar or control monument lies in the line of the proposed Work and must be disturbed, the Contractor shall provide the Contract Administrator with 48 hours' notice to permit referencing for future replacement, at no cost to the Contractor. Failure to provide the specified notice shall result in the Contractor paying for all costs associated with replacing or relocating the disturbed outline survey monuments and geodetic control monuments.

E16.3 Outline survey monuments and geodetic control monuments at or adjacent to the Site, not in the line of the proposed construction that are damaged or disturbed by the Contractor shall be replaced or relocated by the City or its agent and all associated costs shall be paid for by the Contractor. Contractors must ensure their landscaping and other Subcontractors are aware of this clearance procedure.

E16.4 Where possible, amounts owed to the City in accordance with the above will be deducted from any payments to be made by the City to the Contractor.

Note: No measurement or payment will be made for the work associated with this specification

E17. TRAFFIC CONTROL

E17.1 Further to Clause 3.7 of the General Requirements CW 1130: The Manual of Temporary Traffic Control in Work Areas on City Streets is available, for a fee, from the Customer Services Division of the Public Works Department at 107-1155 Pacific Avenue. This document is also available online and can be viewed or downloaded from:
http://www.winnipeg.ca/publicworks/InformationAndResources/TrafficControl/manual_of_temp_traffic_control.asp

E17.2 Where directed, the Contractor shall construct and maintain temporary asphalt ramps to alleviate vertical pavement obstructions, such as manholes and drop-offs, to the satisfaction of the Contract Administrator. No measurement for payment will be made for this Work.

E17.3 Further to Clause General Requirements CW 1130:

- (a) All Work Sites shall be signed in accordance with the Manual of Temporary Traffic Control. If the Contractor ("Agency" in the manual) cannot sign with their own staff then they shall make arrangements with a Subcontractor to place all temporary regulatory signs. The Contractor shall bear all costs associated with the placement of temporary traffic control

devices by the Subcontractor in connection with the Works undertaken by the Contractor. The Subcontractor must be listed in Form J: Subcontractors List.

- (b) Any regulatory signage that is required to complete the Works must be completed by the Traffic Services Branch. The Contractor shall coordinate the placement of regulatory signage with Traffic Services at least five days prior to the commencement of the Works at a given Site.
- (c) The costs associated with hooding and/or temporary removal and replacement of parking signage and/or meters at, and for, the Contractor's own convenience shall be the responsibility of the Contractor. The hooding and/or temporary removal of parking signage and/or meters must be completed by the Traffic Service Branch. The Contractor shall make necessary arrangements with Traffic Services and shall be responsible for all costs associated with the temporary hooding and/or removal of parking signage and/or meters.

Note: No measurement or payment will be made for the work associated with this specification

E18. AUTHORIZED WORK ON PRIVATE PROPERTY

- E18.1 This clause is strictly for Work on private property that is authorized and paid for by the City. Damages to private property are handled through the City's Risk Management Division, Claims Branch. Settlement of such damages will not be negotiated or arbitrated by the Contract Administrator on behalf of the Owner or Contractor.
- E18.2 Further to C6.26, the Contractor shall confine his Works to the right-of-way or easements. Where Work is required to be done on private property the Contract Administrator will authorize such Work in writing after obtaining the written permission of the property owner.
- E18.3 The Contractor shall limit his operations to the minimum area necessary for undertaking the private property Work and shall be responsible for all damages outside the limits of the authorized Work, resulting from Work on private property. Particular care shall be taken to prevent damage to buildings, walkways, trees and plants.

Note: No measurement or payment will be made for the work associated with this specification

E19. TEMPORARY RELOCATION OF AFFECTED STRUCTURES

- E19.1 The Contractor shall, have temporarily relocated any portable structure such as benches, mail boxes, news boxes, waste bins, vending machines, etc., which will interfere with the construction of the Work. The Contractor will identify and notify the owners of the portable structures to have them removed or moved. Following the completion of the applicable Work, the Contractor shall notify the owners that the portable structures may be replaced. These relocations shall be considered incidental to the associated Works and no separate measurement for payment will be made.

Note: No measurement or payment will be made for the work associated with this specification