



8-2019 ADDENDUM 1

2019/20 Fermor Ave from Lagimodiere Blvd to Plessis Rd, Asphalt Reconstruction

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: April 10, 2019
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

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Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace: 8-2019 Bid Submission with 8-2019 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

- Form B(R1): Split out Items for Part 3 – Developer Contribution
- Added Items B.7, B.19(ii), G.10, G.11, & K.6
- Revised Quantity Item B.6 & K.5

Page numbering on some forms may be changed as a result.

PART B – BIDDING PROCEDURES

- Revise: B9.5 to read: Form B: Prices is organized into Parts: Part 1 of the Work, Part 2 of the Work and Part 3 of the Work. Bidders shall provide a total price for each Part and, on the summary sheet, a Total Bid Price consisting of the sum of prices for Part 1, Part 2, and Part 3.
- Revise: B17.2.1 to read: Any bid with an apparent imbalance between the unit prices in Part 1, Part 2, and Part 3 may be determined to be non-responsive and rejected by the Award Authority in its sole discretion, acting reasonably.
- Add: B18.6 to read: As noted in D2 and identified in Form B: Prices, the Work of Part 3 will be contingent upon the City of Winnipeg receiving funding for the Work from the Developer. If sufficient funding for Part 3 Work is not received by the City of Winnipeg the City shall have the right to eliminate all or any portion of Part 3 Work in accordance with D2.

PART D – SUPPLEMENTAL CONDITIONS

Revise D2 to read:

D2. SCOPE OF WORK

D2.1 The Work to be done under the Contract shall consist of three parts:

- (a) Part 1 – City Funded Work
- (b) Part 2 – Manitoba Hydro Funded Work
- (c) Part 3 – Developer Contribution

Part 1 – City Funded Work

D2.2 Part 1 – City Funded Work shall consist of:

- (a) Asphalt Reconstruction
 - (i) Fermor Avenue Eastbound from Lagimodiere Boulevard to Plessis Road (City Boundary) in 2019;
 - (ii) Fermor Avenue Westbound from Plessis Road (City Boundary) to Lagimodiere Boulevard in 2020.
- (b) Asphalt Widening and Rehabilitation
 - (i) Fermor Avenue Eastbound from west of Lagimodiere Boulevard to Lagimodiere Boulevard in 2019.
- (c) Concrete Construction
 - (i) Royal Mint Drive from Dawson Road South to Fermor Avenue in 2019.
- (d) Asphalt Path Construction
 - (i) Multi-use path south of Fermor Avenue from Lagimodiere Boulevard to Royal Mint Drive.

Part 2 – Manitoba Hydro Funded Work

D2.3 Part 2 – Manitoba Hydro Funded Works shall consist of:

- (a) Streetlighting Preparation Work
 - (i) Fermor Avenue Eastbound from Lagimodiere Boulevard to Plessis Road (City Boundary) in 2019;
 - (ii) Royal Mint Drive from Dawson Road South to Fermor Avenue in 2019;
 - (iii) Multi-use path south of Fermor Avenue from Lagimodiere Boulevard to Royal Mint Drive;
 - (iv) Fermor Avenue Westbound from Plessis Road (City Boundary) to Lagimodiere Boulevard in 2020.

Part 3 – Developer Contribution

D2.4 Part 3 – Developer Contribution Works shall consist of:

- (a) Asphalt Reconstruction
 - (i) Eastbound Fermor Avenue Auxiliary Lane(s);
 - (ii) Westbound Fermor Avenue Auxiliary Lane;
 - (iii) Westbound Fermor Avenue Left Turn Lane at Dawson Road South.
- (b) Concrete Construction
 - (i) Dawson Road South entrance in 2019;
 - (ii) Easterly Entrance to Development in 2019.

D2.5 The City currently has no approved funding in the Capital Budget for Part 2 or Part 3 of the Work, but is anticipating receiving notification about funding for each. Part 2 and Part 3 of the Work is contingent upon the City of Winnipeg receiving sufficient funding.

D2.5.1 Further to C7.1, if notice of sufficient funding is not received, the City shall have the right to eliminate all or any portion of Part 2 and/or Part 3, and the Contract Price will be reduced accordingly.

D2.5.2 Further to C7.5, C7.5.1, and C7.6, a reduction in the Contract Price pursuant to D2.5.1 shall not be considered in calculating the aggregate reduction in the Contract Price for purposes of C7.5.

D2.5.3 If all or any portion of Part 2 or Part 3 is eliminated pursuant to D2.5.1, the time periods stipulated in D21 for Substantial Performance of the Work and in D22 for Total Performance of the Work will be reduced proportionally by the Contract Administrator acting reasonably.

D2.6 The major components of the Work are as follows:

(a) Asphalt Reconstruction

- (i) Removal of Existing Pavement;
- (ii) Excavation;
- (iii) Installation of culverts, catch basins and sewer service pipe;
- (iv) Placement and compaction of imported fill;
- (v) Compaction of sub-grade;
- (vi) Placement of geotextile fabric and geogrid;
- (vii) Placement of sub-base and base course materials;
- (viii) Adjustment of existing manholes and appurtenances;
- (ix) Construct French drains;
- (x) Construct concrete median barrier and crash attenuation barrier;
- (xi) Construction of 120 mm mountable curb and gutter with separate splash strip;
- (xii) Placement of Asphalt Pavement (Type 1A thickness 60 mm (1 lift), Type III thickness 140 mm (2 lifts));
- (xiii) Supply and installation of overhead sign structure, sign panels and crash attenuation barriers;
- (xiv) Boulevard restoration.

(b) Asphalt Widening and Rehabilitation

- (i) Excavation and placement of suitable site fill;
- (ii) Planing of existing asphalt overlay;
- (iii) Installation of catch basins and sewer service pipe;
- (iv) Compaction of sub-grade;
- (v) Placement of geotextile fabric and geogrid;
- (vi) Placement of sub-base and base course materials;
- (vii) Adjustment of existing manholes and appurtenances;
- (viii) Construct French drains;
- (ix) Construction of 150 mm ht monolithic concrete splash strip;
- (x) Construction of 150 mm ht barrier curb and 150mm ht mountable curb and gutter;
- (xi) Construction of concrete median slab;
- (xii) Placement of Asphalt Pavement (Type 1A thickness 60 mm (1 lift), Type III thickness 140 mm (2 lifts));
- (xiii) Placement of Asphalt Overlay (Type 1A average thickness 50 mm (1 lift));
- (xiv) Supply and installation of overhead sign structure, sign panels and crash attenuation barriers;
- (xv) Regrade existing ditch;
- (xvi) Boulevard restoration.

(c) Concrete Construction

- (i) Excavation;
- (ii) Installation of culverts, land drainage sewer, catch basins and sewer service pipe;
- (iii) Placement and compaction of imported fill;
- (iv) Compaction of sub-grade;
- (v) Placement of geotextile fabric and geogrid;
- (vi) Placement of sub-base and base course materials;
- (vii) Adjustment of existing manholes and appurtenances;
- (viii) Construction of 200 mm reinforced concrete pavement (utilizing slip form paving equipment wherever possible);
- (ix) Construction of safety median;
- (x) Construction of 180 mm integral barrier curb;

- (xi) Supply and installation of overhead sign structure;
- (xii) Boulevard restoration.
- (d) Asphalt Path Construction
 - (i) Excavation;
 - (ii) Placement of suitable site fill material;
 - (iii) Compaction of sub-grade;
 - (iv) Placement of geotextile fabric;
 - (v) Placement of sub-base and base course materials;
 - (vi) Placement of asphalt pavement (Type 1A thickness 100 mm (2lifts));
 - (vii) Boulevard restoration.
- (e) Streetlighting Preparation Work
 - (i) Remove existing streetlight bases;
 - (ii) Install new streetlight bases;
 - (iii) Install streetlight conduit;
 - (iv) Install ground rods.

Revise D10.2(b) to read: Automobile liability insurance covering all motor vehicles, owned and operated and used or to be used by the Contractor directly or indirectly in the performance of the Work. The limit of liability shall not be less than \$5,000,000 inclusive for loss or damage including personal injuries and death resulting from any one accident or occurrence;

Revise D14.2 to read: If, prior to submitting the Detailed Work Schedule, the Contractor does not receive notification pursuant to D15.5 that all or some portion of Part 2 of the Work may be commenced, he/she shall complete the Detailed Work Schedule for only Part 1 and Part 3 of the Work assuming that, if all of Part 2 is eliminated, the time periods stipulated in D21 for Substantial Performance of the Work and in D22 for Total Performance of the Work will be reduced by five (5) Working Days.

Add D14.2(a) to read: If, prior to submitting the Detailed Work Schedule, the Contractor does not receive notification pursuant to D15.5 that all or some portion of Part 3 of the Work may be commenced, he/she shall complete the Detailed Work Schedule for only Part 1 and Part 2 of the Work assuming that, if all of Part 3 is eliminated, the time periods stipulated in D21 for Substantial Performance of the Work and in D22 for Total Performance of the Work will be reduced by twenty (20) Working Days.

Revise D14.3 to read: If, after submitting the Detailed Work Schedule, the Contractor receives notification that all or any portion of Part 2 or Part 3 of the Work may be commenced, he/she shall submit a revised Detailed Work Schedule no later than two (2) Business Days from receipt of the notification.

Revise D15.5 to read: The Contractor shall not commence Part 2 or Part 3 of the Work as described in D2 and identified in Form B: Prices, unless he/she has received notification from the Contract Administrator that the City has received notice of sufficient funding.

PART E – SPECIFICATIONS

Add E1.4.1 to read: The following added Drawings are also applicable to the Work:

<u>Drawing No.</u>	<u>Drawing Name/Title</u>	<u>Drawing Sheet Size</u>
Figure-01	Part 3 – Developer Contribution	11" x 17"

Revise E29.2.1 to read: The Contractor shall supply, install and later remove Test Level 3 Sentry Longitudinal Energy Dissipater (SLED) units by Traffix Devices or approved equal in accordance with B6.

Revise E29.3 to read: The Work to be done by the Contractor under this Specification shall include:

- (a) Summer 2019: Remove and temporarily store approximately 60 m of existing precast concrete median barriers to the limits shown on the Drawings. Barriers shall not be stored within 20 m of existing pavement;
- (b) Summer 2019: Install two (2) TL-3 temporary crash attenuators at the ends of the median barrier where shown on the Drawings to the Manufacturer's recommendations prior to traffic using the crossover;
- (c) Fall 2019: Remove temporary crash attenuators and re-install precast concrete barriers for the winter of 2019/ 2020;
- (d) Spring 2020: Remove and temporarily store approximately 60 m of existing precast concrete median barriers to the limits shown on the Drawings. Barriers shall not be stored within 20 m of existing pavement;
- (e) Spring 2020: Install two (2) TL-3 temporary crash attenuators at the ends of the median barrier where shown on the Drawings to the Manufacturer's recommendations prior to traffic using the crossover;
- (f) Fall 2020: Remove temporary crash attenuators and re-install precast concrete barriers.

ADD E33. PRE-CAST CONCRETE TRAFFIC BARRIERS

DESCRIPTION

- E33.1 This Specification covers the pick-up, installation, maintenance, and return of pre-cast concrete traffic barriers as indicated on the Drawings as well as the supply and installation of temporary end treatment.
- E33.2 The Work to be done by the Contractor under this Specification shall include the furnishing of all superintendence, overhead, labour, materials, equipment, tools, supplies, and all things necessary for and incidental to the satisfactory performance and completion of all Works as hereinafter specified.
- E33.3 Scope of Work
- E33.3.1 The Work under this Specification shall involve:
- (a) Transporting (including loading) temporary precast concrete traffic barriers from the City of Winnipeg Yard to the project Site and installation on site;
 - (b) Supply and installation of end treatment;
 - (c) Removing from site and transporting (including unloading) temporary precast concrete traffic barriers at the City of Winnipeg Yard;
 - (d) Removal of end treatment;
 - (e) Maintaining the precast concrete traffic barriers and end treatment in position on site as part of the overall work and traffic management plans (no additional payment for maintenance).

MATERIALS

E33.4 Precast Concrete Barriers

- E33.4.1 The Contractor shall arrange to pick-up, load, deliver, and upload the precast concrete barriers to the Site from the City of Winnipeg Bridge Yard at 960 Thomas Avenue and pick-up, load, deliver and unload the precast concrete barriers to the City of Winnipeg Bridge Yard at 960 Thomas Avenue from Site by contacting Mike Terleski at 204-794-8510.

E33.5 Temporary End Treatment

- E33.5.1 The Contractor shall supply, install and later remove Test Level 3 Sentry Longitudinal Energy Dissipater (SLED) units by Traffix Devices or approved equal in accordance with B6.

CONSTRUCTION METHODS

E33.6 Transporting Precast Concrete Barriers

- E33.6.1 The Contractor shall be responsible for the pickup and delivery of the pre-cast concrete barriers and all applicable components to the site. The Contractor shall supply equipment capable of lifting and loading the barriers at the City yard and safely transporting to, and unloading the barriers at the site. Any damage occurring to the barriers during loading, transporting and unloading shall be repaired at the Contractor's expense.
- E33.6.2 Prior to leaving the yard the Contractor's personnel shall inspect the barriers in conjunction with City personnel and note any obvious damage. The Contractor shall provide the Contract Administrator with a written description of any damage noted prior to transportation of the barriers.
- E33.6.3 The City will supply the contractor with all precast concrete barriers required for the project. These barriers will be available to the contractor as specified in this Tender.
- E33.6.4 A minimum of forty-eight (48) hours' notice is required prior to pick up of the barriers. Once the barriers have reached the Site they shall be carefully unloaded, placed and assembled at the locations shown on the Drawings.

E33.7 Installation of Precast Concrete Barriers

- E33.7.1 Precast concrete barriers shall be installed in proper vertical and horizontal alignment and properly connected and terminated to the satisfaction of the Contract Administration.
- E33.7.2 Schedules for installing or removing the precast concrete barriers shall be approved by the Contract Administrator prior to any Work beginning on those items.
- E33.7.3 Maintain and adjust temporary concrete barriers as required through the duration of the Project, the maintenance and adjustment to temporary precast concrete barriers shall be deemed incidental to the Work.

E33.8 Installation of Temporary End Treatment

- E33.8.1 Install the temporary end treatment to the Manufacturer's recommendations and to the satisfaction of the Contract Administrator.

E33.9 Removal and Transportation of Precast Concrete Barriers

- E33.9.1 The Contractor shall be responsible for the removal and delivery of the precast concrete barriers and all applicable components from Site. The Contractor shall return all barriers to the City Bridge Yard. The Contractor shall supply all necessary equipment to unload and return the barriers to their designated locations within the City Bridge Yard. Any damage occurring to the barriers during loading, transporting, and unloading shall be repaired at the Contractor's expense. Any missing items or components originally supplied by the City shall be replaced at the Contractor's expense. Upon return of the barriers, the Contractor's personnel and City's personnel shall inspect and inventory the barriers and all applicable components.
- E33.9.2 A minimum of forty-eight (48) hours' notice is required prior to drop-off of the barriers. Once the barriers have reached the City Yard they shall be carefully unloaded and placed at the location directed by the City Yard staff.

MEASUREMENT AND PAYMENT

E33.10 Temporary Precast Concrete Traffic Barriers

E33.10.1 Temporary precast concrete traffic barriers will be measured on a unit basis. This Item of Work will be paid for at the Contract Unit Price per unit for "City Supplied Precast Concrete Traffic Barriers", which price shall be payable in full for performing all operations herein described and all other items incidental to the Work included in this Specification and accepted by the Contract Administrator.

E33.10.2 Payment for the precast concrete traffic barriers will be 50% of the unit price for each unit being placed to the satisfaction of the Contract Administrator and 50% of the unit price for each unit returned to the yard as accepted by the Contract Administrator.

E33.11 Temporary End Treatment

E33.11.1 Supply, installation and removal of the temporary end treatment will be measured for payment on a unit basis and paid for at the Contract Unit Price for "Temporary End Treatment", which price shall be payable in full for performing all operations herein described and all other items incidental to the Work included in this Specification and accepted by the Contract Administrator.

E33.11.2 It is noted that temporary end treatments described in E29 will be included in the price paid for "Temporary East End Crossovers" and not under this Specification.

ADD E34. MANITOBA HYDRO 25 KV DUCT LINE

DESCRIPTION

E34.1 This Specification describes the requirements for work near Manitoba Hydro's existing 25 kV duct lines which cross Fermor Avenue as shown on the Drawings. There are two (2) lines crossing west of Lagimodiere Boulevard and one (1) east of Lagimodiere Boulevard.

CONSTRUCTION METHODS

E34.2 The Contractor shall arrange for Manitoba Hydro Safety Watch for any work within 3 metres of the 25 kV duct lines.

E34.3 The Contractor shall expose the duct lines by hydro-excavation methods in accordance with E13.

MEASUREMENT AND PAYMENT

E34.4 There will be no measurement for the work associated with this Specification. Payment shall be included in the Contract Unit Price for "Excavation".

E34.5 Hydro-excavation will be paid for in accordance with E13.

DRAWINGS

Replace: 8-2019_Drawing_Figure_ST-02-R0 with 8-2019_Addendum_1-Drawing_Figure_ST-02-R1

Replace: 8-2019_Drawing_Figure_ST-09-R0 with 8-2019_Addendum_1-Drawing_Figure_ST-09-R1

Add: 8-2019_Addendum_1-Drawing_Figure-01-R0