

## APPENDIX C – PROJECT LOCATIONS AND TECHNICAL SCOPING - REVISION 1

See Tables below.

**Notes:**

The “Additional Information” provided within the following tables relative to specific Project Packages and/or Project Locations contain specific information or issues, known to exist on Site at the time of issuance of this Request for Proposal. This information is not meant to be exhaustive and not meant to take the place of investigations and due diligence required of the Proponent.

The specific utility and agency coordination identified below notwithstanding, the successful Consultant(s) will be required to investigate and coordinate any utility requirements of the Project.

Construction adjacent schools will be avoided during the school year where possible, and otherwise coordinated with the respective school division

Project locations with railway crossings within or adjacent to their limits must have work coordinated with the respective rail authority.

<b>Regional Streets - St James St</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Construction Estimate</b>	<b>Project Budget</b>
16-C-10	225-2017.1	St James St - Sargent Av/Ellice Av	Reconstruction	see all notes below	\$2,680,000.00	\$5,700,000.00
<b>Regional Streets - St James St</b>					<b>Total Project Package Budget</b>	<b>\$5,700,000</b>
					<b>Assumed Working Days</b>	<b>45</b>
<i>Additional Information:</i>						
<i>General * Assume 45 Working Days to Substantial Performance for this package</i>						
<ol style="list-style-type: none"> <li>1 Consultant to provide a pavement design brief</li> <li>2 Feedermain at Sargent Av</li> <li>3 Refer to T-Drawing T-3406-R2</li> <li>4 Geometric improvements required, review pavement geometry in consultation with Public Works Transportation Division.</li> <li>5 Coordination with Water &amp; Waste for water main renewal required.</li> <li>6 Coordination with Manitoba Hydro required for street lighting adjustments/upgrades and to bury overhead distribution.</li> <li>7 Approach modifications required to accommodate the proposed median on St James St. Consultant to coordinate, assist and confirm private approaches on St James St and Sargent Av. Coordination includes, but is not limited to: communication with property owner(s), and assisting Public Works with design, sketches and drawings to secure cross-access agreements with property owners to suit changes to private approaches and access.</li> <li>8 Property required for the geometric improvements at Sargent Av; acquisition is underway by the City to acquire land from 1065 and 1077 St James and 1400 Sargent Av. Consultant to assist with the property acquisition process which may include coordination and communication with the property owners and with design, sketches and drawings.</li> </ol>						

<b>Regional Streets - Pembina Hwy</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Construction Estimate</b>	<b>Project Budget</b>
18-C-01	225-2017.2	Pembina Hw N/B - Ducharme Av/Cloutier Dr	Pavement Rehabilitation & New Cycling Facility	see all notes below	\$1,820,000.00	\$2,800,000.00
<b>Regional Streets - Pembina Hwy</b>					<b>Total Project Package Budget</b>	<b>\$2,800,000</b>
					<b>Assumed Working Days</b>	<b>40</b>

**Additional Information:****General \* Assume 40 Working Days to Substantial Performance for this package**

- 1 ~~Cycling facility type to be assessed and a recommendation provided, coordinating with recent work on perimeter interchange.~~
- 2 ~~Cycling path needed on east side adjacent to sidewalk, extending to existing pathway N of Cloutier Dr.~~
- 3 ~~Coordination with Manitoba Hydro required for street lighting upgrades.~~
- 4 ~~Bi-directional bicycle facility of multi-use pathway required on the east side of the right-of-way, connecting the existing pathway at the Perimeter interchange to 3514 Pembina Highway.  
Noting that **additional loading cannot be added to the slope**, an investigation of the existing soldier pile retaining wall N of Grandmont Bv is required to confirm capacity to accommodate any improvements.~~
- 5 ~~Coordinate hydrant relocations with the Water and Waste Department.~~
- 6 ~~Waterways Permit required. Coordinate with Urban Design Division of Planning, Property & Development Department.~~
- 7 ~~Additional riverbank stability drawings and documents are available to proponents upon request to the Project Manager identified in D2.~~

<b>Regional Streets - McPhillips St</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Construction Estimate</b>	<b>Project Budget</b>
18-C-02	225-2017.3	McPhillips St - Logan Av/Jarvis Av	Reconstruction	see all notes below	\$4,290,000.00	\$6,600,000.00
<b>Regional Streets - McPhillips St</b>					<b>Total Project Package Budget</b>	<b>\$6,600,000</b>
					<b>Assumed Working Days</b>	<b>80</b>

**Additional Information:****General \* Assume 80 Working Days to Substantial Performance for this package**

- 1 Consultant to provide a pavement design brief
- 2 Coordination with Manitoba Hydro required *for street lighting and removal of existing wood poles on the east side of McPhillips St, south of the underpass.*
- 3 *Feedermain on McPhillips St.*
- 4 *Planned sewer lining in 2017 - coordination/confirmation with Water & Waste Department required.*
- 5 *Consultant is to investigate increasing the roadway clearance under the CP underpass. Coordination/consultation with CP Rail and all utilities is required.*
- 6 *Adjustments to the rail structure may be required – Proponent should include structural engineering resources as part of the design team to investigate increasing roadway clearance under the CP underpass. This package requires the inclusion of Preliminary Design Services to investigate the feasibility of increasing roadway clearance, with or without modifications to the rail structure. As part of the Preliminary Design Services, the Consultant is to submit; i) a preliminary design memorandum documenting data collection, assessment, and the preferred methodology for completing any structural works; ii) Class 3 cost estimates (+30%,-20%), as well as construction schedule for work; iii) preliminary design drawings as required for proof of concept. If a recommendation to lower the roadway is accepted by the City that requires additional consulting services to complete, a change in scope of services will be negotiated to address the additional work.*
- 7 *Coordination/confirmation with Water & Waste for water main renewal required.*
- 8 *Refer to T-Drawing T-3407*
- 9 *There is a significant amount of water and sewer infrastructure within the project limits, including the aqueduct, and feeder mains, which require loading assessments, and several chambers. Coordination with the Water & Waste Department is required. Please see sketch provided for approximate locations: WWDinfra\_McPhillips.pdf*
- 10 *It is desirable to increase the underpass clearance by a minimum of 200 mm; more if economical. The Proposal should identify the Proponent's methodology for investigating the feasibility of lowering the pavement profile as part of the Preliminary Design Services. The successful Proponent will submit i) a preliminary design memorandum documenting data collection, assessment, and the preferred methodology for completing any structural works; ii) Class 3 cost estimates (+30%,-20%), as well as construction schedule for work; iii) preliminary design drawings as required for proof of concept. The Proponent may confirm the locations and depths of utilities and structural elements by hydro-excavation or other means at locations approved by the Project Manager. Costs of those items will be covered by the allowance identified in B8.5.1. As part of the Fees under Preliminary Design (B8.7), the Proposal will identify consulting fees for structural investigations in the amount of \$50,000. If it is determined that lowering the pavement profile is economical, a Change in Service will be negotiated with the successful Proponent.*
- 11 *Adjustment / replacement of existing guardrails as required*
- 12 *Sidewalk renewals - structural and otherwise - as required*
- 13 *Additional historical drawings and documents are available to proponents upon request to the Project Manager identified in D2.*