

## APPENDIX C-R1 – PROJECT LOCATIONS AND TECHNICAL SCOPING

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>Industrial Streets - Package 530-2017.1 Street Locations</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-RI-01	530-2017.1	Fife St - Inkster Bv/Church Av	PCC Reconstruction	1,3,4,5,9,10	\$2,260,440.00	\$3,477,600.00
18-RI-01	530-2017.1	Fife St - Church Av/College Av	PCC Reconstruction	1,3,4,5,9,10	\$1,744,306.20	\$2,683,548.00
18-RI-01	530-2017.1	Moray St - Saulteaux N Leg/Murray Park Rd	Rehab	1,6,8	\$391,872.00	\$602,880.00
18-RI-01	530-2017.1	Saulteaux Cr (E Leg) - Moray St/Moray St	PCC Reconstruction	1,7,9	\$1,664,208.00	\$2,560,320.00
19-RI-01	530-2017.1	Saskatchewan Av - Sturgeon RD/Moray St	Rehab	2,12,13,14	\$1,576,718.00	\$2,425,720.00
19-RI-01	530-2017.1	Saskatchewan Av - Moray St/#2450 Saskatchewan Av	PCC Reconstruction	2,13,14	\$628,570.80	\$967,032.00
19-RI-01	530-2017.1	Hutchings St - Inkster Bv/Sheppard St	Rehab	2,11	\$1,521,520.00	\$2,340,800.00
<b>Industrial Streets - Package 530-2017.1 Street Locations</b>					<b>Total Project Package Budget</b>	<b>\$15,057,900</b>
					<b>Assumed Working Days in 2018</b>	<b>65</b>
					<b>Assumed Working Days in 2019</b>	<b>40</b>
<b>Additional Information:</b>						
<p>General * <b>Assume 65 Working Days FOR BIDDING PURPOSES ONLY for construction works in 2018 for this package.</b></p> <p>* <b>Assume 40 Working Days FOR BIDDING PURPOSES ONLY for construction works in 2019 for this package.</b></p> <ol style="list-style-type: none"> <li>Project to be completed in 2018</li> <li>Project to be completed in 2019</li> <li>Feedermain on Fife St</li> <li>Add sidewalk on east side of Fife between Church Av and Huron Av.</li> <li>The concrete reconstruction will have street lighting work (including the installation of bases and wiring and the replacement of lamp standards) completed under the roadworks construction contract. Co-ordination with Manitoba Hydro will be required. Lighting design will be completed by Manitoba Hydro and inspection will be provided by Manitoba Hydro after each phase of work. Layout will be performed by the successful proponent. Quantities to be included in the Bid Opp and typical Manitoba Hydro specifications for all works to be included in the construction Bid Opp will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opp.</li> <li>Add 3.5 metre multi-use path to the east side of Moray Street from the existing multi-use path to N project limit</li> <li>Project to include the construction of new sidewalk on at least one side of Saulteau and connecting bus stops for entire project limits. Review pedestrian activity and provide recommendations for options.</li> <li>Project to include railway crossing reconstruction, including pedestrian crossings. Consultant to design railway crossing. Railway crossing reconstruction to be included in the construction Bid Opp. Coordination with CPR required.</li> <li>Consultant to review and recommend geometric changes. Consultant to review adjacent properties access and transportation requirements/operations</li> <li>Consultant to review options/impacts for narrowing roadway (10 m width with parking one side/13 m width with parking both sides)</li> <li>Add sidewalk on at least one side - east side from Church to Sheppard.</li> <li>Include railway crossing resurfacing-coordination with CPR required</li> <li>Consultant to review and recommend geometric changes, including transitions from divided to undivided roadways-turn lanes-intersection layout-truck movements Consultant to review adjacent properties access and transportation requirements/operations.</li> <li>Provide accessible bus stops with sidewalk leads to approaches. Design boulevards with consideration for future walkways.</li> </ol>						

<b>Industrial Streets - Package 530-2017.2 Street Locations</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-RI-02	530-2017.2	Henlow By - Fultz Bv/Dovercourt Dr	Rehab	1,19	\$289,536.00	\$445,440.00
18-RI-02	530-2017.2	Henlow By (E Leg) - Dovercourt Dr/Scurfield Bv	PCC Reconstruction	1,12,18,19	\$1,466,119.20	\$2,255,568.00
19-RI-02	530-2017.2	Chevrier Blvd - Pembina Hwy/Trottier Bay E Leg	PCC Reconstruction	1,3,6,12,13,14,15,16,17,20	\$2,653,450.80	\$4,082,232.00
19-RI-02	530-2017.2	Chevrier Blvd - Trottier Bay E Leg/Waverley	Mill & Fill	1,15,20,21	\$2,275,000.00	\$3,500,000.00
19-RI-02	530-2017.2	Higgins Av - Princess/Henry	PCC Reconstruction	2,4,5,6,7,8,9,10,11	\$2,039,180.00	\$3,137,200.00
<b>Industrial Streets - Package 530-2017.2 Street Locations</b>					<b>Total Project Package Budget</b>	<b>\$13,420,440</b>
					<b>Assumed Working Days in 2018</b>	<b>70</b>
					<b>Assumed Working Days in 2019</b>	<b>40</b>

**Additional Information:**

- General \* **Assume 70 Working Days FOR BIDDING PURPOSES ONLY for construction works in 2018 for this package.**  
 \* **Assume 40 Working Days FOR BIDDING PURPOSES ONLY for construction works in 2019 for this package.**
- 1 Project to be completed in 2018
  - 2 Project to be completed in 2019
  - 3 Feedermain and aqueduct crossing on Chevrier Bv
  - 4 Coordinate with Water and Waste - Watermain Renewal
  - 5 Add sidewalk on at least one side of Higgins for entire project limits. Review pedestrian activity and provide recommendations for options.
  - 6 The concrete reconstruction will have street lighting work (including the installation of bases and wiring and the replacement of lamp standards) completed under the roadworks construction contract. Co-ordination with Manitoba Hydro will be required. Lighting design will be completed by Manitoba Hydro and inspection will be provided by Manitoba Hydro after each phase of work. Layout will be performed by the successful proponent. Quantities to be included in the Bid Opp and typical Manitoba Hydro specifications for all works to be included in the construction Bid Opp will be supplied to the successful proponent. Work will be required to insert documents into the
  - 7 Include removal of Railway tracks within project limits. Co-ordination with CPR will be required.
  - 8 Include construction of fencing adjacent to CPR property to separate CPR operations from roadway and prevent pedestrian trespass.
  - 9 Geotechnical investigation to include an environmental assessment within project limits
  - 10 Consultant to review parking requirements with adjacent property owners. New street design may accommodate on-street parking. Consultant to recommend parking plan and incorporate into street design.
  - 11 Consultant to review and recommend geometric changes, including pavement width and Princess/Higgins intersection. Consultant to review adjacent properties access and transportation requirements/operations.
  - 12 Consultant to review and recommend geometric changes. Consultant to review adjacent properties access and transportation requirements/operations.
  - 13 Project to include railway crossing reconstruction (Railway crossing west of Hudson) including pedestrian crossing, new north side pedestrian crossing, new pathway and pavement widening for the buffered bike lanes. The crossing agreement and relocation of railway signals infrastructure will be coordinated by Rapid Transit Project Co. Co-ordination with CNR required.
  - 14 Project to include railway crossing reconstruction (railway crossing east of Trottier) including pedestrian crossing, new north side pedestrian crossing and pavement widening for buffered bike lanes as required. Co-ordination with CNR required.
  - 15 Add sidewalk on North side, including pedestrian rail crossing. Co-ordination with CNR required.
  - 16 Project to include AT path on South side. Refer to T-drawing, T-3428.
  - 17 Co-ordination with Rapid Transit Design and Construction required.
  - 18 Backlogged trenchless sewer work
  - 19 Add sidewalk to one side of Henlow By and Henlow By E; successful proponent to consider and recommend placement as part of assignment.
  - 20 Chevrier to include pavement widening for buffered bike lanes. Refer to T-drawing, T-3428.
  - 21 Project to include railway crossing reconstruction (Railway crossing east of XXX) including new north sidewalk crossing and pavement widening for buffered bike lanes as required. Co-ordination with CNR required.