

APPENDIX B-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.

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

LOCAL STREETS PACKAGE - 18-R-02						
File No.	Package No.	Location	Treatment	Notes	Const. Est.	Project Est.
18-R-02	664-2017.2	Gagnon St - Oxbow Bend Rd/Augier Ave	Rehabilitation	12	\$521,446	\$802,224
18-R-02	664-2017.2	Whitegates Cr - Sansome Ave/Barron Dr	Rehabilitation	8,10	\$646,898	\$995,228
18-R-02	664-2017.2	Ness Ave - Muriel St/Cavalier Dr	Rehabilitation	1,13	\$310,003	\$476,928
18-R-02	664-2017.2	Woodhaven Blvd - Sturgeon Creek Bridge/Emo Ave	Asphalt Reconstruction	6,10	\$562,770	\$865,800
18-R-02	664-2017.2	Lodge Ave - Moray St/Ronald St	Rehabilitation	4,5,9, 11,13	\$603,158	\$927,936
18-R-02	664-2017.2	Fidler Ave - Mount Royal Rd/Mount Royal Rd	Asphalt Reconstruction	2,7,10	\$744,120	\$1,144,800
18-R-02	664-2017.2	Bruce Ave - Woodlawn St/Conway St	Rehabilitation		\$402,667	\$619,488
18-R-02	664-2017.2	Woodstock Ln - North End/Eldridge Ave	Rehabilitation	13	\$176,062	\$270,864
18-R-02	664-2017.2	Fawn Pl - Whitetail Dr/Woodstock Ln	Rehabilitation		\$66,550	\$102,384
18-R-02	664-2017.2	Whitetail Dr - North End/Eldridge Ave	Rehabilitation	10,13	\$297,367	\$457,488
18-R-02	664-2017.2	Swindon Way - Portsmouth/Park Blvd E	Rehabilitation		\$177,746	\$273,456
18-R-02	664-2017.2	Morpeth Blvd - North End/Taylor Ave	Rehabilitation	3,13	\$289,786	\$445,824
LOCAL STREETS PACKAGE - 18-R-02					Total Project Package Budget	\$7,382,420
<i>Additional Information:</i>						
<i>General Assume 2 construction Bid Opportunities with 60 working days each to Substantial Performance for this package</i>						
1 School in the immediate vicinity - Construction should take place during July/August						
2 Update radii in accordance with the Transportation Standards Manual.						
3 Install sidewalk on the west side of Morpeth.						
4 Coordinate replacement of EB Traffic Signal Loops.						
5 Install sidewalk on the north side of Lodge from Aldine to Moray.						
6 Work includes ditch drainage and culvert design as required.						
7 The concrete/asphalt reconstruction streets in this package 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 Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity.						
8 Whitegates south limit to extend approximate 50 m south of Barron. To be confirmed by City Project Manager.						
9 West limit of Lodge to include the Lodge and Ronald Intersection.						
10 Insulation of some water services required - details to be provided.						
11 Coordination with sewer lining installation required.						
12 Coordination with watermain renewal required.						
13 Feedermain within project limits.						

LOCAL STREETS PACKAGE - 18-R-03							
File No.	Package No.	Location	Treatment	Notes	Const. Est.	Project Est.	
18-R-03	664-2017.3	Lanark St - Grosvenor Ave/Corydon Ave	Rehabilitation	2	\$323,482	\$497,664	
18-R-03	664-2017.3	Queenston St - Grosvenor Ave/Corydon Ave	Asphalt Reconstruction	3,6,7	\$540,540	\$831,600	
18-R-03	664-2017.3	Donnelly St - Waller Ave/Clarence Ave	Asphalt Reconstruction	1,7	\$499,824	\$768,960	
18-R-03	664-2017.3	Oxford St - Corydon Ave/Fleet Ave	Asphalt Reconstruction	3,6,7	\$525,096	\$807,840	
18-R-03	664-2017.3	Kilarney Ave - Pembina Hwy/Caledon Rd	Concrete Reconstruction	1,4,7	\$1,082,936	\$1,666,056	
18-R-03	664-2017.3	Thatcher Dr - University Cr/North End	Rehabilitation	5,7	\$547,560	\$842,400	
LOCAL STREETS PACKAGE - 18-R-03					Total Project Package Budget		\$5,414,520
Additional Information:							
<p>General Assume 1 construction Bid Opportunities with 75 working days each to Substantial Performance for this package</p> <ol style="list-style-type: none"> 1 School in the immediate vicinity - Construction should take place during July/August 2 Install sidewalk on the west side of Lanark. Confirm this requirement with City Project Manager prior to commencing design. 3 Reconstruction type to be reviewed with City Project Manager after completing Geotechnical Investigation. 4 Concrete reconstruction from Pembina to Baylor and rehabilitation from Baylor to Caledon. 5 Thatcher is on the Manitoba Marathon Route and construction is to be completed after the Marathon. 6 The concrete/asphalt reconstruction streets in this package 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 Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity. 7 Insulation of some water services required - details to be provided. 							

LOCAL STREETS PACKAGE - 18-R-04							
File No.	Package No.	Location	Treatment	Notes	Const. Est.	Project Est.	
18-R-04	664-2017.4	Darwin St - Riel Ave/Riverbend Ave	Rehabilitation	1,4	\$175,219	\$269,568	
18-R-04	664-2017.4	Whitley Dr - Hawkins Cr/Ashworth St	Rehabilitation	4	\$265,356	\$408,240	
18-R-04	664-2017.4	Knightsbridge Dr - Meadowood Dr/Knightsbridge Dr (W Leg)	Rehabilitation		\$398,268	\$612,720	
18-R-04	664-2017.4	Haig Ave - Rue Des Meurons/Egerton Rd	Asphalt Reconstruction	2	\$462,638	\$711,750	
18-R-04	664-2017.4	Haresford Cr - Novavista Dr/Hawkins Cr	Rehabilitation		\$194,805	\$299,700	
18-R-04	664-2017.4	Beresford Ave - Osborne St/Daly St S	Asphalt Reconstruction	2,4	\$744,120	\$1,144,800	
18-R-04	664-2017.4	Churchill Dr - Eccles St/Casey St	Asphalt Reconstruction	2,3	\$1,036,932	\$1,595,280	
LOCAL STREETS PACKAGE - 18-R-04					Total Project Package Budget		\$5,042,058
Additional Information:							
<p>General Assume 1 construction Bid Opportunities with 70 working days each to Substantial Performance for this package</p> <ol style="list-style-type: none"> 1 School in the immediate vicinity - Construction should take place during July/August 2 The concrete/asphalt reconstruction streets in this package 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 Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity. 3 Consultant to review vertical geometry with WWD to confirm design is consistent with primary dike requirements. 4 Insulation of some water services required - details to be provided. 							

LOCAL STREETS PACKAGE - 18-R-05						
File No.	Package No.	Location	Treatment	Notes	Const. Est.	Project Est.
18-R-05	664-2017.5	Culross Bay - Clouston Dr/Clouston Dr	Rehabilitation	7	\$375,710	\$578,016
18-R-05	664-2017.5	Kernaghan Ave - Hoka St/Plessis Rd	Rehabilitation	1	\$574,025	\$883,116
18-R-05	664-2017.5	Hatcher Rd S Leg - Rougeau Ave/Bournais Dr	Rehabilitation	5	\$479,326	\$737,424
18-R-05	664-2017.5	Ravelston Ave W - Plessis Rd/Chrislind St	Rehabilitation	6,10	\$246,718	\$379,566
18-R-05	664-2017.5	Tache Ave - St. Mary's Rd/Lyndale Dr	Asphalt Reconstruction	2,9	\$790,335	\$1,215,900
18-R-05	664-2017.5	Howdon Rd - Harper Ave/Betournay St	Rehabilitation	3,8	\$562,723	\$865,728
18-R-05	664-2017.5	Cottonwood Rd - Monaco Bay (E Leg)/Lagimodiere Blvd	Rehabilitation	4,9	\$692,172	\$1,064,880
LOCAL STREETS PACKAGE - 18-R-05 Total Project Package Budget						\$5,724,630
Additional Information:						
<i>General Assume 2 construction Bid Opportunities with 45 working days each to Substantial Performance for this package</i>						
1 Install sidewalk on the north side of Kernaghan including connections to Transit Stops. Review impact of sidewalk installation to drainage characteristics in north boulevard.						
2 The concrete/asphalt reconstruction streets in this package 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 Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity.						
3 School in the immediate vicinity - Construction should take place during July/August						
4 Consultant to review and provide recommendations on improvements to intersection geometry at Cottonwood and Westmount. Potential alternatives to include the review of smart channels or simple radii. Traffic volumes for turning movements should be investigated."						
5 Install approximately 32 meters of sidewalk on Hatcher from Rougeau to the sidewalk cut through connecting to Heartstone Dr.						
6 Install sidewalk on both sides of Ravelston.						
7 Treatment Type to be reviewed with City Project Manager after completing Geotechnical Investigation.						
8 New sidewalk recently installed on the east side of Howden between Ecole Howden and Betournay to be maintained.						
9 Insulation of some water services required - details to be provided.						
10 Feedermain on Ravelstone Ave W.						

LOCAL STREETS PACKAGE - 18-R-06						
File No.	Package No.	Location	Treatment	Notes	Const. Est.	Project Est.
18-R-06	664-2017.6	Rue Aubert - Rue St. Joseph/Tache Ave	Rehabilitation	3,13	\$169,322	\$260,496
18-R-06	664-2017.6	Molson St - Nottingham Ave/Union Ave E	Asphalt Reconstruction	1,2,12	\$586,872	\$902,880
18-R-06	664-2017.6	Mutchmore Close - Tu-Pelo Ave/Tu-Pelo Ave	Rehabilitation	4,11	\$396,770	\$610,416
18-R-06	664-2017.6	Bayne Cr - London St/Tu-Pelo Ave	Rehabilitation		\$172,692	\$265,680
18-R-06	664-2017.6	Larsen Ave - Brazier St/Henderson Hwy	Rehabilitation	8,9,12	\$271,253	\$417,312
18-R-06	664-2017.6	De Vries Ave - Mclvor Ave/Springfield Rd	Asphalt Reconstruction	7,10	\$789,048	\$1,213,920
18-R-06	664-2017.6	Edison Ave - Raleigh St/DeGraff Pl	Rehabilitation		\$295,893	\$455,220
18-R-06	664-2017.6	Aikins St - North End/Templeton	Rehabilitation	6	\$387,504	\$596,160
LOCAL STREETS PACKAGE - 18-R-06					Total Project Package Budget	\$4,722,084
Additional Information:						
General Assume 1 construction Bid Opportunities with 75 working days each to Substantial Performance for this package						
<ol style="list-style-type: none"> 1 Consultant to improve pedestrian movements at intersections. Consultant to consider updating or eliminating the directional islands. Coordinate with Transportation Division. 2 The concrete/asphalt reconstruction streets in this package 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 Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity. 3 Install sidewalk on the south side of Aubert. Tree and bush conflicts to be coordinated with Forestry. 4 Update alignment radii in accordance with Transportation Standards Manual. 5 Consultant to improve parking geometry, maintain parking and ensure 1.5 m sidewalk clear width. 6 Consultant to include installation of receiving sidewalk in the northwest corner of the Aikins and Seaforth intersection. 7 Transit stops to be improved in coordination with Transit Department. 8 Narrow sidewalk on Larsen to be replaced with 1.5 m sidewalk. 9 Consultant to improve parking geometry, maintain parking and ensure 1.5 m sidewalk clear width on Larsen. Confirm requirement with City Project Manager. 10 Maintain rural cross section on De Vries. Work includes ditch drainage and culvert design as required. 11 Insulation of some water services required - details to be provided. 12 Feedermain within project limits. 13 Aqueduct on Rue St. Joseph. 						

LOCAL STREETS PACKAGE - 18-R-07							
File No.	Package No.	Location	Treatment	Notes	Const. Est.	Project Est.	
18-R-07	664-2017.7	Dominion St - Notre Dame Ave/Yarwood Ave	Asphalt Reconstruction	2,7	\$641,999	\$987,690	
18-R-07	664-2017.7	Asburn St - Sargent Ave/Ellice Ave	Asphalt Reconstruction	2,7,9	\$575,757	\$885,780	
18-R-07	664-2017.7	Sherburn St - Wellington Ave/Sargent Ave	Rehabilitation	1,7,8,9	\$327,120	\$503,262	
18-R-07	664-2017.7	Spence St - Cumberland Ave/Sargent Ave	Asphalt Reconstruction	2,7	\$356,421	\$548,340	
18-R-07	664-2017.7	Kildbride Ave - Scotia St/Main St	Rehabilitation	3,4,7	\$249,350	\$383,616	
18-R-07	664-2017.7	Jones St - Belmont Ave/Hartford Ave	Asphalt Reconstruction		\$112,320	\$172,800	
18-R-07	664-2017.7	Colleen Ave - Mac St/Jones St	Concrete Reconstruction	5	\$294,840	\$453,600	
18-R-07	664-2017.7	Rupertsland Ave - Powers St/McGregor St	Asphalt Reconstruction	2,7	\$565,812	\$870,480	
18-R-07	664-2017.7	E/B Burrows Ave - Powers St/Aikins St	Rehabilitation	6,7	\$338,645	\$520,992	
LOCAL STREETS PACKAGE - 18-R-07					Total Project Package Budget		\$5,326,560
Additional Information:							
General Assume 1 construction Bid Opportunities with 75 working days each to Substantial Performance for this package							
<ol style="list-style-type: none"> 1 Treatment Type to be reviewed with City Project Manager after completing Geotechnical Investigation. 2 The concrete/asphalt reconstruction streets in this package 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 Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity. 3 Consultant to review parking requirements with Kildonan United Church to determine the impacts of radii improvement at the adjacent alley. 4 Install curb ramp adjacent to Kildonan United Church. Consult with Church to determine their requirements. 5 Colleen Ave is anticipated to be reconstructed as a concrete alley. Confirm cross-section with City Project Manager. Parking Lot for the Seven Oaks House Museum to be reconstructed in Asphalt. Coordination with the Museum required. 6 Median at Aikins and Burrows to be reinstated. 7 Insulation of some water services required - details to be provided. 8 Coordination with sewer lining installation required. 9 Feedermain on Sargent Ave. 							

ALLEY PACKAGE - 18-RL-01						
File No.	Package No.	Lane Bounded By	Treatment	Notes	Const. Est.	Project Est.
18-RL-01	664-2017.8	Academy Rd/Wellington Cr S W Leg/Lanark St/Wellington Cr S N Leg	Concrete Reconstruction		\$239,858	\$342,654
18-RL-01	664-2017.8	Academy Rd/Wellington Cr/Oak St/Elm St	Concrete Reconstruction		\$448,321	\$640,458
18-RL-01	664-2017.8	Academy Rd/Kingsway /Cambridge St/Oxford St	Concrete Reconstruction		\$488,506	\$697,866
18-RL-01	664-2017.8	Langside St/Furby St/Westminster Ave/Sara Ave	Concrete Reconstruction	1	\$277,532	\$396,474
18-RL-01	664-2017.8	Ellen St/Laura St/Logan Ave/Alexander Ave	Concrete Reconstruction		\$188,234	\$268,905
18-RL-01	664-2017.8	Main St/Aikins St/Kilbride Ave/Semple Ave	Concrete Reconstruction	2	\$115,500	\$165,000
18-RL-01	664-2017.8	Powers St/Andrews St/Royal Ave/Partridge Ave	Concrete Reconstruction		\$273,000	\$390,000
18-RL-01	664-2017.8	Melrose Ave W/Pandora Ave W/Bond St/Winona St	Concrete Reconstruction	3	\$115,315	\$164,736
18-RL-01	664-2017.8	Southampton Pl/Wayoata St/Brighton Court/Kildare Ave E	Concrete Reconstruction		\$374,010	\$534,300
18-RL-01	664-2017.8	Dunkirk Dr/Pulberry St/Parkville Dr/Arden Ave	Concrete Reconstruction		\$326,508	\$466,440
18-RL-01	664-2017.8	Beaverhill Blvd/Orchard Lane/Shoreview Bay/Shoreview Bay	Concrete Reconstruction		\$326,508	\$466,440
18-RL-01	664-2017.8	Sargent Ave/Ellice Ave/Arlington St/Alverstone St	Concrete Reconstruction		\$557,603	\$796,575
18-RL-01	664-2017.8	Home St/Ethelbert St/Westminster Ave/Preston Ave	Concrete Reconstruction		\$394,321	\$563,316
18-RL-01	664-2017.8	Dundurn Pl/Wolseley Ave/Maryland St/Walnut St	Concrete Reconstruction	1	\$423,205	\$604,578
18-RL-01	664-2017.8	Beverley St/Toronto St/Sargent Ave/Wellington Ave	Concrete Reconstruction	1	\$477,204	\$681,720
18-RL-01	664-2017.8	Banning St/Lipton St/Sargent Ave/Wellington Ave	Concrete Reconstruction	1	\$480,971	\$687,102
18-RL-01	664-2017.8	Ingersoll St/Sherburn St/Yarwood Ave/Wellington Ave	Concrete Reconstruction		\$280,043	\$400,062
18-RL-01	664-2017.8	Evanson St/Lenore St/Westminster Ave/Wolseley Ave	Concrete Reconstruction	1	\$398,089	\$568,698
ALLEY PACKAGE - 18-RL-01					Total Project Package Budget	\$8,835,324
Additional Information:						
General* Assume 3 construction Bid Opportunities with 60 working days each to Substantial Performance for this package						
* It is anticipated that there will be land drainage sewer work required. It is expected that there will be a connection into the combined sewer. Fees for ALL land drainage sewer design and connection into the existing combined sewer and construction including modeling and analysis to be included.						
1 School in the immediate vicinity - Construction should take place during July/August						
2 North-South Lane Only						
3 Both lane segments east and west of condominium to be reconstructed.						

LOCAL IMPROVEMENTS PACKAGE - 18-LI-01						
File No.	Package No.	Lane Bounded By	Treatment	Notes	Const. Est.	Project Est.
18-LI-01	664-2017.9	Lyndale Dr/Lloyd St/Coniston St/Gauvin St	Asphalt Reconstruction		\$220,500	\$315,000
18-LI-01	664-2017.9	Notre Dame St/Dumoulin St/Archibald St/La Fleche St	Asphalt Reconstruction		\$163,100	\$233,000
18-LI-01	664-2017.9	Coniston St/Lyndale Dr/Crawford Ave/Tache Ave	Asphalt Reconstruction		\$173,600	\$248,000
18-LI-01	664-2017.9	Highfield St/Coniston St/Ferndale Ave/Lawndale Ave	Asphalt Reconstruction		\$138,600	\$198,000
18-LI-01	664-2017.9	Bronstone Blvd/West Ferndale Ave/St. Mary's Rd	Asphalt Reconstruction	1, 2	\$168,000	\$240,000
LOCAL IMPROVEMENTS PACKAGE - 18-LI-01					Total Project Package Budget	\$1,234,000
Additional Information:						
General* Assume 1 construction Bid Opportunities with 60 working days each to Substantial Performance for this package						
* All lanes identified above are to be constructed with a 125mm asphalt pavement surface. Drawings with exact limits and pavement widths will be provided to the successful proponent						
* There is no existing land drainage sewer in any of the lanes listed. It is anticipated that there will be land drainage sewer work required. Fees for ALL land drainage sewer design and construction including modeling and analysis to be included. The proposed budget does not include the required land drainage sewer work.						
1 Location has not been formally adopted by By-Law. By-Law must be in place prior to construction contract being advertised. See clause B21.8						
2 East/West Lane Only.						