



LAND DEDICATION RESERVE FUND APPLICATION

APPLICANT INFORMATION					
Name of Organization:		Trees Riverview			
Mailing Address:				Postal Code:	
Phone:	see below	Fax No.:	N/A	E-mail address:	
Name(s) of designated representatives to be contacted about this application:		Name:	Lin Watt	Phone (daytime):	:
		Position :	Project Manager	Phone (evening):	:
		Name:	Wendy Botkin	Phone (daytime):	
		Position:	Co-Chair	Phone (evening):	
How long has the organization been in operation?			<1 year		
Select Community Committee Area where project is located:		Assiniboia ☐	City Centre ☒	Riel ☐	
		East Kildonan-Transcona ☐		Lord Selkirk-West Kildonan ☐	
Name of Project:		Trees Riverview Planting Project			
Location of Project:		Baltimore Road Area East of Fisher Park, Riverview			
Project is located on City of Winnipeg owned lands?			YES ☒	NO ☐	
Project Start Date:		Spring 2021	Anticipated Completion Date:		June 30, 2021 (followed by 2 year warranty period)
Total Estimated Project Cost: \$ \$14,441.70					
Land Dedication Amount: \$ Reserve Fund Requested \$14,441.70					
LIST OTHER PROJECT FUNDING SOURCES			AMOUNT	CONFIRMED	
Source #1	None		\$	YES ☐	NO ☐
Source #2			\$	YES ☐	NO ☐
Source #3			\$	YES ☐	NO ☐

DETAILED PROJECT DESCRIPTION

Provide a detailed description of the planned project, including:

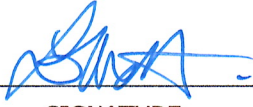
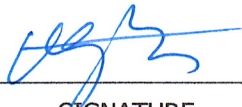
- Community need/ support for the project
- Community consultation, if applicable (surveys, open houses, etc.)
 - City of Winnipeg staff involved in project to date
 - Scope of work
 - Cost estimates/ quotes
 - Project schedule

Project details, plans and supporting documentation may be submitted as attachments.

Detailed Project Description included at back (see Page 4).

APPLICANT SIGNATURES

I/We hereby certify that I/we am/are the authorized signing officer(s) for the applying organization and this application is accurate to the best of my/our knowledge.

	Lin Watt	Project Manager	Aug 14, 2020
SIGNATURE	NAME PRINTED	TITLE/POSITION	DATE
	Wendy Botkin	Co-chair	Aug 14, 2020
SIGNATURE	NAME PRINTED	TITLE/POSITION	DATE

Submit completed application to:

Urban Design Division
c/o Helen Fabbri ph: 204-986-6419, fax: 204-986-7524
Planning, Property and Development Department
15-30 Fort Street, Winnipeg, MB R3C 4X5
e-mail: hfabbrri@winnipeg.ca

DETAILED PROJECT DESCRIPTION

A. Community Need and Benefits

The Main Threats to Winnipeg's Public Trees

As Trees Riverview Committee members have investigated tree replacement in our neighbourhood, we have learned that diseases and pests threaten to destroy many of Winnipeg's trees.

Winnipeg has the largest urban elm forest in North America, with elms being the tree of choice for boulevard and park planting for many years. Unfortunately, Dutch Elm Disease (DED) arrived in Winnipeg in 1975 and was able to become established, killing many elm trees every year. With the arrival of DED, the city began replacing boulevard and park elm trees with ash trees. Including those on private property, Winnipeg currently has approximately 356,000 ash trees making up 40% of the urban forest. Tragically, both Emerald Ash Borer (EAB) beetle and Cottony Ash Psyllid (CAP) arrived in Winnipeg in 2017. With DED, EAB, and CAP all thriving in monocultures and our urban forest consisting mostly of elm and ash trees, Winnipeg risks losing much of our canopy of trees.

EAB infections are extremely deadly, and according to City of Winnipeg (City) staff, it is very likely that within ten years, virtually all the ash in the City will be lost due to EAB infection. While the loss of these trees is certain, significant City resources will be required to safely remove them. DED is less deadly, but preventive treatments, early detection, and quick removal of diseased trees are required to help reduce the yearly death rate of elms. However, the City's ability to implement measures to save elms is impacted by other demands on time and budget, such as dealing with the damage caused by the October 2019 storm and removal of diseased ash trees. It is important to note that significant resources are also required to remove diseased elm trees in a timely manner. Over 9,000 elm trees were removed last year and typically over 5,000 are removed every year.

Shortfall of Trees Replanted Compared to Tree Removals

The City Urban Forestry Branch does not have enough money to replace all of the trees that are lost. As more and more trees are lost, the percentage of lost trees replaced continues to decrease. For example, a March 26, 2019, Free Press article quotes forester Martha Barwinsky stating that only about 44% of removed trees were replaced in 2018.

According to Urban Forestry Branch personnel, usually their budget only allows 2,000 to 2,500 trees to be replanted. In 2019, 9,000 elm trees alone were removed.

Boulevard Tree Loss in Riverview

The Riverview neighbourhood is experiencing a significant loss of both elm and ash trees and an accompanying lag in boulevard tree replacement. Some blocks have most if not all boulevard trees removed. One reason that Riverview trees may be especially impacted by DED, EAB and CAP is the proximity of the Red River which borders three sides of the neighbourhood and acts as a conduit for diseases and pests.

There are more possible sites for replacement trees than funds available. For example, on August 12th, 2020 a tree survey was conducted in concert with the City. Members of the Trees Riverview committee and personnel from the City of Winnipeg Urban Forestry Branch identified planting locations for 22 trees to replace those lost on 3 blocks of Baltimore Road alone. In addition, we observed that 2 more trees have been marked with a red dot for removal and at least 1 more soon will be.

Community Benefit

The mature elm and ash trees which have lined the boulevards of Riverview for decades greatly contribute to the neighbourhood. On blocks where most of the trees still stand they form a canopy over the street providing an archway of green in the summertime. They are beautiful year round. They provide shade in the summer and act as wind blocks in colder seasons. They help people feel better psychologically, providing a calming, relaxed environment. As well as the residents of Riverview, visitors, patients, and staff from Riverview Health Centre enjoy the benefits of the trees of Riverview. Staff and visitors enjoy walking breaks in the neighbourhood, and it is a place where patients can experience beauty just outside of the hospital or on nearby blocks.

There is a major contrast between the Riverview blocks where most of the boulevard trees still stand and those that have lost the majority of their trees. Blocks which have been denuded of trees are hotter or colder and windier depending on the season. The enjoyment of walking under the canopy of trees has been taken away and one is simply walking. Residents experience increased cooling or heating costs and a decline in house value.

Specific Project Planting Location Benefit

When Trees Riverview committee members met with City Urban Forestry Branch personnel on August 12th we discussed the intent, scope, and specific location of our tree planting project. We focused on replacement of trees in boulevards over parks as we felt that was the area of greatest need in our community. The City recommended we still concentrate the planting project geographically to improve pricing. In the walkthrough with the City, we started with the three blocks of Baltimore Road east of Fisher Park and found appropriate planting locations for 22 trees to replace those that have been lost.

We believe that there are many benefits to choosing these three blocks as the focus for our project. Baltimore Road acts as a connecting route between major green spaces in Riverview. The blocks east of Fisher Park lead to Churchill Park and Riverview Community Gardens. They also link to Riverview Health Centre and Riverview Community Centre. As such, these blocks of Baltimore Road are frequently travelled by pedestrians, cyclists, dog walkers, runners, and gardeners, as well as people attending either the health centre or the community centre. Since Baltimore Road is a natural, active transportation route in Riverview, we think that replacing boulevard trees along the route will have a very positive impact for the entire community.

Outside the scope of this grant, Trees Riverview intends to continue planning and fundraising for future planting projects on other streets, such as Montgomery Avenue.

B. Community Support and Consultation

a. Project Initiation

Trees Riverview was organized in spring of 2020 as a response to the growing loss of boulevard trees throughout the Riverview neighbourhood. Trees Riverview's purpose is:

- (1) to provide accurate education and information to residents to preserve and enhance our neighbourhood-defining tree canopy
- (2) to directly contribute to tree-planting initiatives on our boulevards
- (3) to advocate for effective policies and procedures that facilitate increased neighbourhood tree-planting.

Trees Riverview has an established base of community support centered around the Baltimore Road and Fisher Park areas. A community meeting for this area was advertised through door-to-door flyer drop-offs to households on Baltimore Road and around Fisher Park. The meeting was held outdoors in Fisher Park on June 25, 2020. This confirmed neighbourhood interest and support for a boulevard tree-planting project. There are now 28 households who have signed up for the mailing list.

(b) External consultation and information-gathering

From May to July, Trees Riverview met (in person and/or by telecon) with three other community groups who have successfully undertaken tree planting initiatives: Kingston Crescent, Peanut Park, and Glenelm. This helped Trees Riverview learn from their experiences and determine an appropriate scale and scope for our project.

(c) Riverview Community Centre (RVCC)

At initial planning stages, Trees Riverview approached the Riverview Community Centre to ensure conformity with community goals and to access their in-kind support for communications, meeting spaces, etc. Trees Riverview now operates as a special project committee accessing the umbrella support of the RVCC. In addition to direct updates sent to the Trees Riverview contact list, the established RVCC network will become an important medium to disseminate information on the project and on trees in our neighbourhood.

(d) Friends of Fisher Park

Trees Riverview was invited to make a presentation at the Friends of Fisher Park annual meeting on July 15, 2020. Friends of Fisher Park is in support of our initiative and has provided a letter of endorsement (Attachment 1).

C. City of Winnipeg Involvement

On August 12, Supervisor of Forestry Technical Services, Kerienne La France, and Chris Lepa, from the City's Urban Forestry Branch, met with Trees Riverview to identify planting locations and to confirm project support. At this meeting and throughout planning they have provided advice for our application, including recommendations on tree species and contract protocols to enhance project success. This project will supplement the City's own boulevard re-planting plans in the Riverview neighbourhood. A summary of our meeting and the Urban Forestry Branch's support has been provided (Attachment 2).

Our group has been in regular correspondence with our City Councillor, Sherri Rollins, (Fort Rouge-East Fort Garry), who is also supportive of our application.

D. Scope of Work

The goal of the project is to plant between 20 to 30 15-gal boulevard trees in Spring 2021.

The first step in this project is to finalize the specific planting sites based on the funds received. As previously mentioned, 22 prospective locations have been identified by the City along Baltimore Road east of Fisher Park for our project. Trees Riverview will identify additional sites in the area to supplement and back-up this list, as other trees have been marked for removal and some residents may decline to have a tree planted in front of their homes.

The list of proposed sites and a shortlist of preferred species will then be reviewed with the City. Residents adjacent to proposed sites will be consulted and given the option to decline a boulevard tree in front of their homes. After obtaining this input, Trees Riverview will finalize the list of sites and tree species and submit the final scope of work to the City for approval.

Once the scope has been confirmed by the City, a request for quotations will be issued to select an arborist. Quotations will only be solicited from the City's list of qualified contractors and the City will be consulted on the terms of the agreement. The contractor providing the best value for the project will be selected.

Planting will occur in spring (May - June 2021), and the contractor will be required to maintain and guarantee the trees for a two-year period as per the advice of the City Forestry Branch.

Once this initial planting project is successfully completed, it is our intention to support continued boulevard or park-space planting projects throughout the Riverview neighbourhood, in cooperation with other residents, and pursuing other funding sources.

Our proposed detailed project schedule is provided in Section F below.

E. Project Costs

On July 30, 2020, a broad request for quotations was issued to six tree planting vendors on the City's approved vendor list. Two responses were obtained. The responses have been appended (Attachment 3) and are summarized in the table below.

Table 1: Summary of Contractor Responses

Vendor	Installation Cost (Per Tree)	2-Year Maintenance Cost (Per Tree)	Total Cost (Per Tree)
Alliance Tree Care	No response		
Green Drop Tree Care	\$320 (1"-1.5" caliper) \$800 (2.5-3" caliper)	\$200	\$520 (5-10%)
Timberland Tree Service	Acknowledgement received; no quotation provided.		
TreeSolve Inc.	Acknowledgement received; no quotation provided.		
Trilogy Tree Services Ltd.	Acknowledgement received; no quotation provided.		
TNT Tree	\$840 (including 1 year maintenance)	\$550	\$1390

These responses were obtained without knowledge of specific species or locations, but would be considered indicative of budget pricing for the scope of work. Based on these responses, we are requesting a total budget of **\$14,500**, which we believe will also us to plant 23 trees:

Table 2: Project Cost Budget

Item	Budget
Planting	\$320 x 23 trees = \$7,360
Maintenance	\$200 x 23 trees = \$4,600
Extra Work / Contingency	15% x \$11,960 = \$1,794
Subtotal	\$13,754
GST (5%)	\$687.70
TOTAL	\$14,441.70

Extra Work / Contingency

Our initial request for quotation referred to City-approved shade tree species. On the walk through with the City, there were certain areas that the City recommended choosing an ornamental tree over a shade tree, which may change costing. Some stump removal may also be required. A variety of alternate extras could also be considered, such as preventative insecticide/fungicide treatment, larger diameter (2.5-3" caliper) trees, or a longer maintenance or warranty period. Use of the contingency for items such as these would be considered by the Committee and implemented based on City advice and the funds available.

F. Project Schedule

The project is targeting a spring 2021 planting of boulevard trees. A Gantt chart has been appended (Attachment 4) providing proposed milestones for implementing the scope of work described in Section D, assuming grant funding is approved at the September 4th review meeting.

Project completion is expected to occur by June 30, 2021, and the two-year warranty period by the vendor would be expected to be wrapped up by June 30, 2023.

G. Supporting Documentation

Attachment 1	Letter of Support from Friends of Fisher Park
Attachment 2	Correspondence with City of Winnipeg Urban Forestry Branch
Attachment 3	Compilation of Quotes
Attachment 4	Project Schedule – Gantt Chart

ATTACHMENT 1

Letter of Support from Friends of Fisher Park

Friends of Fisher Park
July 29, 2020

Sherri Rollins
City Councillor,
Fort Rouge – East Fort Garry

Dear Councillor Rollins:

Friends of Fisher Park support for TreesRiverview Boulevard Re-Planting

At our Annual General Meeting on July 15, 2020, the Friends of Fisher Park voted to express our support for the TreesRiverview initiative and actions to replant neighbourhood boulevard trees lost to disease and pests.

We understand that supplementary funds may be available to TreesRiverview through the Land Dedication Reserve fund, or through your office, that would enhance the city's Forestry Branch work in this area. We believe that this would be a valuable use of money, leveraging volunteer and private resources to contribute to and continue the wonderful legacy of past Riverview residents who have left us this beautiful green canopy.

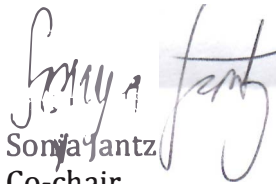
We also understand that you have indicated initial support for this initiative. We heartily endorse this and encourage you to continue to place a high priority on boulevard tree replacement in and around Fisher Park, and in Riverview in general.

Please let us know if the Friends of Fisher Park can be of assistance on this matter.

Respectfully,



Kristina Hunter
Co-chair



Sonya Jantz
Co-chair

c.c. Riverview Community Club
TreesRiverview

ATTACHMENT 2

Correspondence with City of Winnipeg Urban Forestry Branch

Site visit Summary

La France, Kerienne ·

14 August 2020 at 17:04

To: Trees Riverview ·

Cc: "Lepa, Chris" <C · · · · ·

Hello Trees Riverview! Thank you again for meeting with us in person. We very much enjoyed the tour through your neighborhood and couldn't have asked for a more beautiful day!

A number of things were covered during our meeting, so I'd like to just give a quick summary of the planned work, responsibilities, and activities so far:

- The Trees Riverview Committee (TRC) is currently reviewing contractor quotes, and based on contractor feedback so far, approximately 20-25 trees (15 gallon container size) may be planted, including 2 years of maintenance from the contractor.
- TRC has identified Baltimore as a priority area for the community and will concentrate plantings on Baltimore for this project.
- Urban Forestry Branch (UFB) has identified the above proposed planting sites along a 3 block stretch between Fisher St. and Darling St.
- TRC will enquire with contractor(s) regarding stump removal where new trees are to be planted in their place; UFB to conduct stump removal, soil, and seed along this section of Baltimore where stump sites are not suitable for future planting.
- The TRC has decided that shade trees are to be preferred, but smaller ornamentals will be planted where site conditions and spacing are unsuitable for large shade trees, which will also help to increase species diversity for the community.
- TRC will canvass property owners adjacent to proposed planting sites to confirm their interest in participating, and if any homeowners opt out of the project, UFB will locate additional planting sites as required.
- UFB to mark planting sites prior to contractor planting project in spring 2021.
- UFB to contribute to the planting project by helping to fill in any outstanding planting sites along/adjacent to Baltimore St. this fall and possibly additional sites in the neighborhood in spring 2021- as resources permit.
- UFB will inspect the finished contractor plantings in spring for final approval.

Please review the tasks above and please let me know if you have any questions or corrections. If the above details are correct, then Forestry Branch is satisfied with the project approach so far, and we look forward to the successful completion of this project.

Thanks to all of you for all of your work this project so far, and I hope you all have a great weekend!

Kerienne La France, M.Sc.

Supervisor of Forestry Technical Services

City of Winnipeg

T: (204) 986-2460

E: klafrance@winnipeg.ca

URBAN FORESTRY BRANCH

ATTACHMENT 3

Compilation of Quotes



Green Drop Trees
#4 – 20 Second St,
West St Paul, MB
R2P OG5

August 10, 2020
K. May Wady
Trees Riverview

Re: Tree planting: Riverview neighborhood

We are very interested in the opportunity to continue to work with The Riverview Neighborhood association's Tree Committee. We believe that our company has the experience and skills required to meet the specifications of this project. We have successfully worked on other neighborhood planting projects, we commend you for your efforts.

Please review the summary of our quotation.

Spring /Fall installation of trees

Installation of 15-gallon container trees in 2019. We would recommend planting in Spring or fall. Planting is subject to approval by the City of Winnipeg forestry branch for species, size and locations

We look forward to discussing the details of this project with you further. Please contact us with any questions you may have.

Sincerely,

Matt Vinet
ISA Certified Arborist
Green Drop Tree Care

Tree supply & installation includes:

- Mycorrhizal soil inoculates, mulching, staking (with 2 wooden stakes)
- 4' wire mesh surrounding each tree. (this is a necessity for trees this size in public locations)
- Notification of underground utilities

Tree maintenance includes:

****Mandatory for 2 years**

- Watering for approximately 10 cycles or as required (per year) April 1 to October 31.
Maintenance of your trees will be viewable at all times, with live updates on our GIS maintenance app. A demonstration can be viewed here:
<https://gdtrees.maps.arcgis.com/apps/webappviewer/index.html?id=0ee755e368a94026a70f49fc2e581314>
- Pruning, insect and disease control as required
- Mulching as required
- Removal of stakes, tree guards after 2 years, as required

I. COST

Description	Approx. Quantity.	Price Per tree	Total
Supply and Installation per tree* 15 Gallon container 1-1.5" caliper		\$320	
Supply and Installation per tree* Wire basket 2.5-3" caliper		\$800	
2 years maintenance		\$200	
Subtotal			
Plus GST			
Grand Total			

*Includes Tree Replacement Warranty. Any trees planted that die will be replaced at no additional labor, supply, tree installation or maintenance cost.

**As no species is selected at this time cost may be subject to change 5-10% depending on species.

- Trees are planted in accordance with ANSI A-300 Planting standards, and City of Winnipeg guidelines for boulevard and park installations.
- All treatments carried out by licensed and insured Manitoba applicator.
- Copies of Insurance, Licenses, MSDS or references available upon request
- Quote is subject to minimum 10 tree installation



Trees Riverview <treesriverview@gmail.com>

Request for a Quote

Chris Olson

12 August 2020 at 10:50

To: Trees Riverview <

Hi K. May Wady,

Thank you for the opportunity to quote this project.

My price per 15 gal tree street/park in any amount is \$840.00 plus GST

This will include supply and installation to ANSI specifications, 2 stakes, mulch, trunk protection, structural pruning as required on installation, watering on installation and weekly thereafter for the period from May 1st to Oct.31st 2021. Additional mulch and any adjustments will be supplied as required during the warranty period. Warranty for 1 year from date of planting.

Watering for an additional year (May to Oct 2022) can be supplied for the rate of \$550.00 plus GST per tree. Purchase of 2nd year watering will also provide 2nd year of warranty.

Please feel free to contact me if you have any further questions.

Sincerely,
Chris Olson
ISA Certified Arborist #PR-5107A
TNT Tree Service Ltd.

On Aug 10, 2020, at 11:35 AM, Trees Riverview

wrote:

[Quoted text hidden]

ATTACHMENT 4

Project Schedule – Gantt Chart

Proposed Schedule - August 14, 2020

City Review **Project Milestone** Subtask Duration Task Duration Double Border Indicates Discontinuous Time Period