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:	May Wady		Phone (daytime):	
	Position :	Co-Chair		Phone (evening):	
	Name:	Wendy Botkin		Phone (daytime):	(cell)
	Position:	Co-Chair		Phone (evening):	
How long has the organization been in operation?	2 years				
Select Community Committee Area where project is located:	Assiniboia ☐	City Centre X	Riel ☐		
	East Kildonan-Transcona ☐	Lord Selkirk-West Kildonan ☐			

Name of Project:	Trees Riverview Planting and Public Awareness Project 2022		
Location of Project:	Riverview Neighbourhood (Riverview boulevards and RVCC grounds)		
Project is located on City of Winnipeg owned lands?	YES X	NO ☐	
Project Start Date:	Summer 2022	Anticipated Completion Date:	October 31, 2022 (followed by 2 year warranty period)

Total Estimated Project Cost: $ $28,500.00

Land Dedication Amount: $ Reserve Fund Requested $12,298.44

LIST OTHER PROJECT FUNDING SOURCES		AMOUNT	CONFIRMED	
Source #1	Red River Co-op	$ 2,000.00	YES x	NO ☐
Source #2	Private Citizen Donor (funding for 15 trees)	$9,000.00 estimated	YES x	NO ☐
Source #3	Assiniboine Credit Union (dedicated to logo and web site development)	$ 5,000.00	YES x	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.

K. May Wady	May Wady	Co-chair	May 20, 2022
SIGNATURE	NAME PRINTED	TITLE/POSITION	DATE
	Wendy Botkin	Co-chair	May 20, 2022
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: hfabbri@winnipeg.ca

The City of Winnipeg

Signage Requirements

A. Community Need and Benefits

The Main Threats to Winnipeg's Public 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, which now make up a sizeable portion 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 pruning and removal of diseased trees. It is important to note that significant resources are also required to remove diseased elm trees in a timely manner.

Shortfall of Trees Replanted Compared to Tree Removals

The City Urban Forestry Branch does not have enough money to replace all the trees that are lost. As more and more trees are lost, the percentage of lost trees replaced continues to decrease. According to the April 2021 State of the Urban Forest report, "the average annual public tree removal rate has increased over the last two years from 4,300 trees per year to more than 5,500 (p. 26)." On average 2,000 public trees are planted each year, but many of these trees are planted on streets and in parks in new areas of the city rather than to replace mature trees lost in older areas of the city. The State of the Urban Forest report provides the following details: "It is estimated that, since 2013, more than 14,500 trees remain un-replaced - a deficit that is growing by an average of 2,000 trees per year. In 2020, the ratio of boulevard and park trees planted for those removed was at 19 percent. (p.26)."

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.

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

At least fifteen trees will be planted on the Riverview Community Centre (RVCC) grounds. A private citizen is donating the funds to the City of Winnipeg for these trees. At the request of RVCC and to maximize the purchasing power for this year's tree planting project, TR will oversee the logistics of the RVCC plant. The RVCC trees will be planted in locations where they will eventually provide shade for baseball spectators, families at the playground, and anyone enjoying the RVCC grounds. The trees will be planted in groups which will look more natural and attractive and allow other features to be built near them, such as winding trails.

The remainder of the trees will be planted on neighbourhood boulevards like the Trees Riverview 2021 project (also funded by LDR). The 2022 project would extend the benefits of the previous project allowing the City to make headway against the tree deficit. The specific boulevard locations will be determined in consultation with the Urban Forestry Branch (UFB). Criteria for choosing the sites may include proximity to RVCC for tree maintenance efficiency, consideration of high-traffic pedestrian routes, and concentrated areas of tree loss.

Outside the scope of this grant, Trees Riverview intends to continue planning and fundraising for future planting projects.

Specific Public Awareness Project Benefit

A TR website and logo will be developed. The website will greatly improve TR's ability to communicate with Riverview neighbours and people beyond the Riverview neighbourhood. TR will be able to provide current and timely information about factors impacting Riverview trees throughout the year. The website will be an archive of best practices for ongoing issues and concerns related to Winnipeg's Urban Forest. A website and logo will enhance TR's reputation as a credible, community voice for the urban forest as TR demonstrates the ability to complete practical, planting projects and act as a reliable source of information about many topics related to trees.

This portion of the project is entirely funded through a grant from Assiniboine Credit Union. No LDR funds are requested for this portion of the project.

B. Community Support and Consultation

Trees Riverview is an all-volunteer, grassroots, non-profit organization which was organized in spring of 2020 as a response to the growing loss of boulevard trees throughout the Riverview neighbourhood. TR's purpose is to protect, restore, and enhance the public tree canopy in the Riverview.

TR has an established base of community support initially centered around the Baltimore Road and Fisher Park areas and now extending throughout Riverview. Due to the success of the 2021 planting project and featured articles in local and City-wide newsletters, papers and social media, TR is increasingly becoming a recognized and valued presence in the Winnipeg tree community.

RVCC works closely with TR offering in-kind support, such as access to communications and centre facilities. As a result of this cooperative relationship, TR was trusted to oversee the planting of the donated trees on RVCC grounds.

As a result of TR's successful 2021 plant and corresponding publicity TR has almost tripled its mailing list and has even received a couple of unsolicited, small donations. Local media approached TR knowing that TR committee members will provide positive and practical information for their readers.

C. City of Winnipeg Involvement

TR is in regular communication with Kerienne La France, Supervisor of Forestry Technical Services, UFB. UFB has stated that it is committed to working directly with TR to ensure the successful completion of this project. The UFB will provide close consultation on the procurement, installation, and maintenance specifications required for planting on public property, and will work with TR to identify appropriate species and locations of priority within the community, according to the "Right Tree, Right Place" principle. (Email KLF to TR April 29, 2022).

City of Winnipeg Parks and Recreation Department personnel are involved in planning the appropriate locations for the trees to be planted on RVCC land.

TR has been in regular correspondence with City Councillor, Sherri Rollins, (Fort Rouge-East Fort Garry), who has been a generous supporter of the 2021 project and TR's ongoing work.

D. Scope of Work

The goals of the project are to:

- Plant at least 15 trees (15-gallon container-size) on the RVCC grounds through money donated by a long-time Riverview couple to the City of Winnipeg for this purpose by Autumn 2022. (2 years of watering/maintenance by a contracted arborist to be determined)

- Plant 20-25 trees (15-gallon container-size) on public boulevards in Riverview by Autumn 2022, with 2 years of watering/maintenance.

- Develop a website and logo for TR by September 30, 2022, providing training for ongoing volunteer updating.

No LDR funds will be used for the website/logo, and the scope of work will therefore not include milestones related to that portion of the projection.

Tree planting on the RVCC grounds is also separately funded. However, since one of the goals of the project is to take advantage of economies of scale in cost per tree and in project management, the scope of work will include planting and maintenance for both planting portions of the project.

LDR funds plus Red River Coop's donation and any additional donations TR may receive will fund the planting of public boulevard trees.

<u>Project steps</u>:

1. In consultation with UFB, TR will establish the general area of planting sites on the RVCC grounds (tree groupings) and on Riverview boulevards (linear planting).

2. In consultation with UFB, TR will finalize contract specifications according to city requirements with respect to initial planting, stump removal, and maintenance (watering and pest control as appropriate). Planting locations,

and species will be finalized based once cost per tree is established. Residents adjacent to the proposed sites will be consulted and given the option to decline a boulevard tree in front of their home. Final tree selection and placement will remain with the City UFB.

3. Planting will occur by Autumn 2022. The contractor will be required to maintain (watering, pest control as appropriate) and guarantee the boulevard trees over 2 growing seasons.

4. Upon completion of tree planting, TR will publish project information on the newly developed website, in the Riverview community blog and newsletter, and on social media. TR will also be available to local media. Project sponsors will be identified in all cases.

E. Project Costs

On May 18, 2022, a broad request for quotations was issued to seven tree planting vendors on the City's approved vendor list. In addition, each tree planting vendor was contacted by telephone. Four vendors responded by the afternoon of May 20th. It is expected the others will reply shortly. Two vendors reported that they were not able to take on this project at this time, while two others provided cost estimates. Please see the two responses with cost estimates (Attachment 1) and the table below.

Table 1: Summary of Contractor Responses

Vendor	Installation Cost (Per Tree)	Two-Year Maintenance Cost (Per Tree)	Total Cost (Per Tree)
Above & Below Tree care	$275	$500	$775
Green Drop Tree Care	$285	$200	$485
Shurwood Forest	Declined		
Timberland Tree Service			
TNT Tree			
TreeSolve Inc.			
Trilogy Tree Services LTD	Declined		

These responses were obtained without knowledge of specific species or locations but would be considered within the range of possible pricing bids for the scope of work. Based on these responses, we are requesting a total budget of **$12,298.44**, which we believe will allow us to plant 21 trees:

Table 2: Project Cost Budget

Item	Budget
Planting	$285 x 21 trees = $5985
Maintenance	$200 x 21 trees = $4200
Extra Work / Contingency	15% x $10,185 = $1,527.75
Subtotal	**$11,712.75**
GST (5%)	$585.69

TOTAL	**$12,298.44**

Extra Work / Contingency

A variety of alternate extras might be required depending on weather conditions, pests, and protection needed from wildlife and vandalism. These could include extra watering, preventative insecticide/fungicide treatment, larger diameter (2.5-3" caliper) trees, protective fencing, 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

All steps will be taken in consultation with UFB and RVCC as appropriate. If funding is not confirmed by identified milestone date, the timeline will be adjusted, especially in the early planning stage.

Project Planning and completion milestones:

1. Identify general planting sites/criteria in consultation with UFB: June 7, 2022
2. Finalize Project Specifications/tender document and send to pre-approved arborists: June 10
3. Evaluate Contractor quotes: June 24
4. Award contract: June 30
5. Finalize planting locations, and notify homeowners and provide option to opt out/choose tree: July 14
6. Planting to occur by October 31, 2022. *

*At present, a fall plant is anticipated. This could be considerably accelerated subject to UFB approval.

G. Supporting Documentation

Attachment 1 Compilation of Quotes

Hi May,

Thanks for the call today, I have priced out the work below for you. Current availability is leaning toward Amur Cherry, Mountain Ash, Elm and Linden varieties, but different stock is available through the growing season too depending on different nurseries we order from. Do you have a need for deer protection fencing for this project, we use 5ft galvanised metal fencing around the planting plots if you require, and would be an extra $30 per tree.

Please let me know if you have any questions, happy to discuss at your convenience.

Thanks,
Nick Wagstaff
ISA Certified Arborist
ISA TRAQ
Above & Below Tree Care
www.aboveandbelowtreecare.com
204-881-1772

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Description	Approximate Quantity	Cost	Total Cost
Supply & Installation *per tree (15-gal container)	20	$275/tree	$5,500
2 years maintenance & guarantee ** per tree	20	$250/tree/year	$10,000

- Supply & Installation
  - To ANSI specifications
  - Mycorrhizal soil inoculates, mulching, staking (with 2 wooden stakes)
  - Trunk protector (plastic or wire mesh)
  - Notification of underground utilities
- 2 years maintenance & guarantee
  - Watering for approximately 10 cycles or as required (per year) April 1 to October 31
  - Regular inspection of the trees
  - Pruning, insect, and disease control as required
  - Mulching as required
  - Removal of stakes, tree guards after 2 years, as required
  - Replacement of any tree that dies during the first 2 seasons due to lack of maintenance or other natural causes.

Hi there, thank you for sending this on to us. Green Drop would love the opportunity to do more tree planting in the Riverview Area this year. Please see below our cost estimate and species selections. The quantity is based on the information provided on amounts per designated area.

Description	Approximate Quantity	Cost	Total Cost
Supply & Installation *per tree (15-gal container)	50	$285.00 per tree	$14,250.00
2 years maintenance & guarantee ** per tree		$100 per tree x 50 trees x 2 years	$10,000

Recommended Species of trees:

Shade Species #1 Basswood
Shade Species #2 Ohio buckeye
Shade Species #3 Delta hackberry
Shade Species #4 Triumph elm

Ornamental Species #1 Ivory Silk Tree Lilac
Ornamental Species #1 Starlite Flowering Crab Apple

Please confirm that you have received this email and if you may have any questions.

Thanks,

GREEN DROP

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SIMON PEACOCK
Urban Forestry Consultant
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ISA TRAQ Qualified

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