


ATTACHMENT A
to the GRANT AWARD AGREEMENT between
Lexington-Fayette Urban County Government (LFUCG)
and Growing Together Preschool, Inc.

GRANT PROGRAM **FY2019 Stormwater Quality Projects Incentive Grant Program**
Class B Infrastructure Project [FEASIBILITY ONLY Grant]

- Funded through the LFUCG Water Quality Management Fee
- Administered by the LFUCG Division of Water Quality in the Department of Environmental Quality

PROJECT TEAM AND CONTACT INFORMATION

Grantee Organization Growing Together Preschool, Inc. 
599 Lima Drive
Lexington, KY 40511
KY Organization #: 0189492

Primary Project Contact: Cerise Bouchard
859-255-4056 (phone)
cerise@gtplex.org (email)

Secondary Project Contact: Denise Menshouse
859-255-4056 (phone)
denise@gtplex.org (email)

Project Manager: Lisa Shuster, CDP Engineers
859-264-7500
Lshuster@cdpengineers.com

Project Site Location(s) 599 Lima Drive
Lexington, KY 40511

Property Owner(s): Growing Together Preschool, Inc.

Design Consulting Firm: **CDP Engineers, Inc.**
3250 Blazer Parkway
Lexington, KY 40509
859-264-7500 (phone)
Scott Southall (Landscape Architect of Record)
southall@cdpengineers.com

PROJECT PLAN ELEMENTS

The goals of Growing Together Preschool Feasibility Study project is to analyze Best Management Practice (BMP) alternatives, develop preliminary costs for implementing the BMPs at the location shown in Figure 1 – Aerial Map for Feasibility Study Properties, and craft a Campus Green Infrastructure Plan, which Growing Together Preschool may use to implement the proposed green infrastructure BMPs as funding becomes available.

Project Elements include:

1) EVALUATE THE APPLICABILITY OF THE FOLLOWING GENERAL STORMWATER BMPS AT SITE LOCATIONS:

- a) **Impervious Area Removal:** for water quality and quantity control. Elimination or reduction of impervious pavement that is not useful. Identify parking lot layout to improve circulation and efficiency while reducing impervious surfaces by removal or incorporating pervious pavement materials where appropriate. The amount of impervious area to be removed will be determined during this study. Currently, the impervious area of the campus is approximately 50 percent of the 0.94 acres.

- b) Pervious Pavement: for water quality and quantity control. Retrofit impervious pavement with pervious pavement materials where appropriate.
- c) Bioretention/Treatment: feasibility of water quality and quantity control. Bio-retention features (including infiltration swales, rain water harvesting, rain gardens, wetlands, or other detention/retention structures) capable of detaining and filtering the Water Quality Volume (WQV) origination from impervious surfaces at selected areas. This study includes ways to re-channel or intercept overland water flow into pervious surfaces or other structural BMPs.

2) ***FINAL FEASIBILITY REPORT***

The results of the Feasibility Study will be presented in a final report that will include:

- a) A list of BMP's that are determined to be effective and suitable for installation at the properties listed on Page 1 under "Project Site Locations and Property Owner(s). They will be prioritized for implementation according to input from project collaborators, at a minimum.
- b) A Stormwater BMP Master Plan of the Growing Together Preschool, Inc. will show proposed BMP locations, the area draining to the BMP that will be treated, and its discharge location.
- c) Design and construction cost estimates.
- d) Special design and construction conditions such as necessary permit, etc.; and land acquisition costs.
- e) The estimated pollutant removal effectiveness of the BMP.
- f) Letter certifying all BMPs proposed for design are viable and feasible for the specific site and application.

3) ***EDUCATIONAL OPPORTUNITIES***

The education components of the grant should at a minimum include the following:

- none

REPORTING REQUIREMENTS

In addition to the reporting requirements outlined in the Grant Award Agreement, the following special items are noted for this project:

- 1) Permissions - The Organization shall provide written authorizations for private property access (including LFUCG Parks) to the LFUCG Grant Manager prior to work on any area for which they are required.
- 2) Grantor shall be provided a minimum of two hard copies of the Final Feasibility Report along with a digital copy.
- 3) All attachments to Request for Funds & Project Status Reports shall reference the associated line Table 2 – Eligible Expenses.

ADDITIONAL GRANT STIPULATIONS

Note the following additional stipulations related to this project:

- none

EQUIPMENT

Any equipment purchased with the Grant shall remain the property of the Organization.

PERMANENT CAPITAL INFRASTRUCTURE

Does not apply to this grant. Attachment B is not required for this Agreement.

GRANT PERIOD & PROJECT SCHEDULE

The grant period starts on the date of execution by the Mayor and extends for the time period as listed in the Grant Award Agreement. Any time extensions shall be approved in writing by the LFUCG Grant Manager. The project schedule shown in Table 1 is preliminary. Proposed changes to the project which alter this schedule significantly shall be discussed with the LFUCG Grant Manager prior to implementation.

TABLE 1 - PROJECT SCHEDULE

Activity	Anticipated Date(s)
Purchase Order / Notice to Proceed	Feb 2019
Inventory & Analysis	March – April 2019
Base Map / GIS Data	March – April 2019
Kick-off Meeting	March – April 2019
Review and Refinement	March – April 2019
Community Engagement	April – May 2019
Meeting w/ Residents	April 2019
Site Walk w/ Residents	March – June 2019
Conceptual GI Plan	April – May 2019
Review Plan w/ Residents	May 2019
Refine Plan & Cost Analysis	May – June 2019
Final Review w/ Residents	June – July 2019
Project Closeout/ Final Report Submitted to LFUCG	June – August 2019

PROJECT BUDGET – GRANT ELIGIBLE EXPENSES

Table 2 lists the Eligible Expenses for this project. Only properly invoiced items shall be reimbursed with grant monies or counted toward the Organization’s cost share.

Any work performed on this project prior to grant award by Urban County Council and Notice to Proceed from the LFUCG Grant Administrator is not an eligible expense and shall not be reimbursed or counted toward the cost share with the following exception:

- None

The Grant budget is broken into the following components:

Feasibility Phase:	\$ 17,852.00	Total Grant Amount
	\$ 4,463.00	Proposed Cost Share to be provided
	\$ 22,315.00	Total Project Budget

Additional detail is provided in Figure 2.

TABLE 2 - PROJECT ELIGIBLE EXPENSES

	Type of Expense	Participants	Item	Unit Price	Quantity	Funded by Organization	Funded by Grant	Total Expense	
1 Project Administration									
2	Project Administration	Project Manager/Landscape Architect	Project Coordination w/Growing Together Preschool & LFUCG	\$ 1,430.00	LS	1.0	\$ -	\$ 1,430.00	
3	Project Administration	Project Manager/Landscape Architect	Reporting (Status Updates/Invoicing)	\$ 2,620.00	LS	1.0	\$ -	\$ 2,620.00	
4	Project Administration	Project Manager/Landscape Architect	Project Closeout	\$ 1,930.00	LS	1.0	\$ -	\$ 1,930.00	
5 Feasibility Study									
6	Feasibility Study	Project Manager/Landscape Architect	Initial Site Visit (Partial)	\$ 560.00	LS	1.0	\$ -	\$ 560.00	
8	Feasibility Study	Project Manager/Landscape Architect/CADD Technician	Survey/Base Map Update	\$ 1,035.00	LS	1.0	\$ 1,035.00	\$ -	
9	Feasibility Study	Project Manager/Landscape Architect	Initial Daycare Meeting (Part 1)	\$ 622.00	LS	1.0	\$ -	\$ 622.00	
7	Feasibility Study	Project Manager/Landscape Architect	Initial Daycare Meeting (Part 2)	\$ 188.00	LS	1.0	\$ 188.00	\$ -	
10	Feasibility Study	Project Manager/Landscape Architect	Site Inventory & Assessment	\$ 1,620.00	LS	1.0	\$ 1,620.00	\$ -	
11	Feasibility Study	Project Manager/Landscape Architect	Site Walk w/Staff (Education)	\$ 1,620.00	LS	1.0	\$ 1,620.00	\$ -	
12	Feasibility Study	Project Manager/Landscape Architect	Conceptual GI Plan	\$ 4,240.00	LS	1.0	\$ -	\$ 4,240.00	
13	Feasibility Study	Project Manager/Landscape Architect	Material Quantities/Cost Estimating	\$ 1,620.00	SF	1.0	\$ -	\$ 1,620.00	
14	Feasibility Study	Project Manager/Landscape Architect/CADD Technician/Clerical	Final Feasibility Study	\$ 4,830.00	SF	1.0	\$ -	\$ 4,830.00	
15									
16	TOTAL PROJECT BUDGET:						\$ 4,463.00	\$ 17,852.00	\$ 22,315.00
17							ORGANIZATION	GRANT	
18							SHARE	SHARE	
19							20.0%	80.0%	

FIGURE 1 – GROWING TOGETHER PRESCHOOL AERIAL MAP OF FEASIBILITY STUDY PROPERTIES (FROM APPLICATION)



FIGURE 2 – GROWING TOGETHER PRESCHOOL DRAFT FEASIBILITY ESTIMATES (FROM APPLICATION)

Site/Civil Related Services WORK ELEMENT	Manhours						Cost
	PROJECT MANAGER	PROJECT ENGINEER II	LANDSCAPE ARCHITECT II	CADD TECHNICIAN	SURVEY CREW	CLERICAL	
Project Administration							
Project Coordination w/Ochard Hill & LFUCG	6	0	4				\$1,430
Reporting (Status Updates / Invoice Request)	4		16			0	\$2,620
Project Closeout	6	0	8			0	\$1,930
Project Administration Total							\$5,980
Feasibility Study							
Initial site visit/scoping mtg	2	0	2				\$560
Survey / Base Map Update	1		4	4	0		\$1,035
Initial Daycare Meeting	2	0	4	0			\$810
Site Inventory & Assessment	4	0	8	0			\$1,620
Site visit w/ Staff (education)	4	0	8	0			\$1,620
Conceptual GI Plan	8	0	24	0			\$4,240
Material Quantities / Cost Estimating	4	0	8	0		0	\$1,620
Final Feasibility Study Report	8	0	24	2		8	\$4,830
Contract Documents Total							\$16,335
TOTAL DESIGN REQUIREMENTS	49	0	110	6	0	8	\$22,315
Work to be Paid By Owner							
Total Cost for Design Requirements							\$22,315
TOTAL (20%)							\$4,463