ATTACHMENT A

Lexington-Fayette Urban County Government (LFUCG) and Opportunity for Work & Learning, Inc. (OWL) to the GRANT AWARD AGREEMENT between

GRANT PROGRAM FY2016 Stormwater Quality Projects Incentive Grant Program Class B Infrastructure Project [FEASIBILITY ONLY Grant]

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

PROJECT TEAM AND CONTACT INFORMATION

Grantee Organization Opportunity for Work & Learning, Inc. (OWL)

And Property Owner: 650 Kennedy Road

KY Organization #0038864 Lexington, KY 40511

Project Site Location(s): 636, 650, 673, 676, 691, 692, and 698 Kennedy Rd Lexington, KY 40511

Project Manager Scott Southall, RLA, Vice President for Sustainability

Lexington, KY 40509 3250 Blazer Parkway

859-264-7500

southall@cdpengineers.com

Primary Project Contact: David I. Boggs, President/CEO

dboggs@owlinc.net 859-254-0576

Secondary Project Contact: Martin Shoemaker, Director of Manufacturing 859-254-0576

mshoemaker@owlinc.com

Design Engineering Firm:

3250 Blazer Parkway

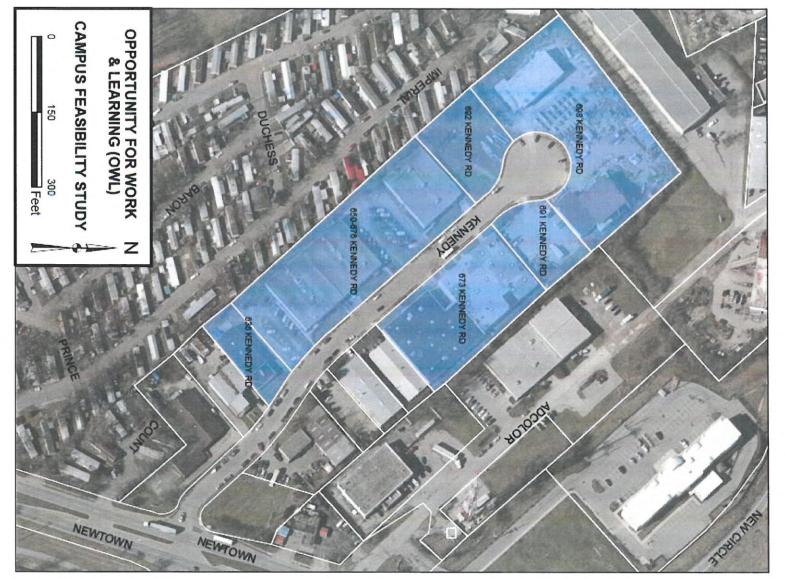
Lexington, KY 40509 859-264-7500 (phone)

Project Collaborators: CDP, Bluegrass Contracting Corporation, and Friends of Cane Run

PROJECT PLAN ELEMENTS

KY as shown in Figure 1 - Project Area). approximately 80-90 percent of the 5.98 acres. The project/feasibility study areas are 636, 650, 673, 676, 692, and 698 Kennedy Road, Lexington, KY as shown in Figure 1 - Project Area). Currently, the impervious area of the campus is Management Practices (BMPs) for six properties at Kennedy Road in the Cane Run Watershed This grant is for a Feasibility Study to evaluate opportunities to implement stormwater Best

sources of organic enrichment (sewage), nutrients, fecal coliforms, and silt/sediment. It will also look for ways to reduce the volume of stormwater runoff by removing/retrofitting impervious surfaces to retain, infiltrate, and reduce stormwater runoff velocities. By assessing outreach opportunities the study is capable of providing stormwater education for OWL students, employers and members of the service, manufacturing and logistics community. The projects purpose is improve water quality in the Cane Run watershed by filtering the stormwater water quality volume (WQV) from the building parking lots, roads, and other urbanized impervious areas. The study intends to address water-soluble and water borne pollutants; plants as



Project Elements include:

- じ EVALUATE THE APPLICABILTIY OF THE STORMWATER BMPS AT OWL LOCATIONS: FOLLOWING THREE **GENERAL**
- a) includes ways to rechannel or intercept overland water flow into pervious surfaces or other structural BMPs. In addition, it looks to disconnect downspouts from storm sewer to other areas away from buildings and treat discharge with appropriate BMPs. Bioretention/Treatment: detention/retention structures) capable of detaining and filtering the Water Quality retention Volume (WQV) origination from impervious surfaces at selected areas. features (including feasibility of water bioswales, rain quality gardens, and quantity wetlands, control. This study or other Bio-
- **b** <u>Impervious Area Removal:</u> feasibility of water quality potential areas at six OWL properties for a combined feasibility of water quality and quantity control. Evaluate removal or retrofitting of up to

downstream. velocities originating from OWL areas and prevent erosion of watersheds located 80-90 percent total impervious areas. Reduction will reduce peak stormwater runoff

0 Educational Signage: design of an educational/interpretive sign panel to be installed adjacent to various BMPs, if applicable.

2) FINAL FEASIBILITY REPORT

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

- a. implementation according to input from project collaborators, at a minimum. the Opportunity for Work & Learning (OWL). A list of BMP's that are determined to be effective and suitable for installation at They will be prioritized for
- **b**. treated, and its discharge location. will show proposed BMP locations, the area draining to the BMP that will be A Stormwater BMP Master Plan of the Opportunity for Work & Learning (OWL)
- c. Design and construction cost estimates.
- d. The estimated pollutant removal effectiveness of the BMP
- 0 land acquisition costs. Special design and construction conditions such as necessary permit, etc.; and
- f. specific site and application Letter certifying all BMPs proposed for design are viable and feasible for the

3) PUBLIC EDUCATION

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

educational programs and activities for students and employers of OWL as well as others within the Lexington community and greater Bluegrass areas. In collaboration with Friends of Cane Run, the project looks to provide stormwater

REPORTING REQUIREMENTS

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

- U Permissions - The Organization shall provide written authorizations for private property area for which they are required access (including LFUCG Parks) to the LFUCG Grant Manager prior to work on any
- 2 along with a digital copy. Grantor shall be provided a minimum of two hard copies of the Final Feasibility Report

ADDITIONAL GRANT STIPULATIONS

Note the following additional stipulations related to this project:

NONE

EOUIPMENT

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 must 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

March 15, 2017	January 17, 2016	Deliver final plan & study
January 1, 2016	December 15, 2016	steering committee
December 1, 2010	November 13, 2016	Retine campus green intrastructure plan
December 1 2016	November 15, 2016	Dofin company are property of the property of
November 1, 2016	October 15, 2016	Review campus plan w/steering committee
October 1, 2016	September 15, 2016	infrastructure plan
		Develop preliminary campus green
September 1, 2016	August 15, 2016	Review finding w/steering committee
July 15, 2016	July 1, 2016	Develop preliminary cost analysis w/contractor
June 15, 2016	May 15, 2016	Identify potential green infrastructures BMPs
May 15, 2016	May 1, 2016	Review finding w/steering committee
May 2016	April 2016	assessment
		Background research, facility inventory & field
	March 2016	Kickoff Meeting
	March 2016	Notice to Proceed
End Date	Start Date	Activity

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:
\$ 16,666.50	\$ 1,666.50	\$ 15,000.00
Total Project Budget	Proposed Cost Share to be Provided	Total Grant Amount

percentage totaling \$1,666.50, offered in the original grant application. a larger cost share beyond that required by the grant program. Budget shall reflect the cost share This grant requires a minimum cost share of 10% of Total Project Cost. The organization proposed

Additional detail is provided in Table 2.

TABLE 2 - PROJECT ELIGIBLE EXPENSES

1									
	Type of Expense	Participants	Item	Unit Price	rice	Quantity	Quantity Funded by Funded by Organization Grant	Funded by Grant	Total Expense
	Construction Costs	Costs							
	Feasibility	Various	Feasibility Study components (Grant \$ 15,000.00 Lump Sum	\$ 15,000.00	Lump Sum	1.0 \$		\$ 15,000.00 \$ 15,000.0	\$ 15,000.00
	Study		Funded)						
	Feasibility	Various	Feasibility Study components	\$ 1,666.50 Lump Sum	Lump Sum	1.0	1.0 \$ 1,666.50 \$,	\$ 1,666.50
Γ.	Study		(Organization Funded)						
	4								
	5			To	OTAL PROJEC	T BUDGET:	TOTAL PROJECT BUDGET: \$ 1,666.50 \$ 15,000.00 \$ 16,666.50	\$ 15,000.00	\$ 16,666.50
	6						ORGANIZATION	GRANT	
	7						SHARE	SHARE	
	∞1				V.		10.0%	90.0%	