

<b>LEXINGTON-FAYETTE URBAN COUNTY          GOVERNMENT CONTRACT CHANGE ORDER</b> Page 1 of 2		Date:		
		Project:	Coldstream Park Stream Corridor Restoration and Preservation Engineering Services	
		Location:		
To (Contractor): CDP Engineers, 3250 Blazer Parkway Lexington, KY 40509		Contract No.	89-2012	
		Original Contract Amt.	\$250,000.00	
		Cumulative Amount of Previous Change Orders	\$0.00	
		Percent Change - Previous Change Orders		0.00%
		Total Contract Amount Prior to this Change Order	\$250,000.00	
		Change Order No.	1	
You are hereby requested to comply with the following changes from the contract plans and specification;				
<b>Current Change Order</b>				
Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price	
1	Engineering Services to complete project per accepted EPA design concept.		\$90,000.00	
2	Extension of contract by 36 months			
	Total decrease	\$0.00		
	Total increase		\$90,000.00	
	Net Amount of this Change Order	\$90,000.00		
	New Contract Amount Including this Change Order	\$340,000.00		
	Percent Change - This Change Order			36.00%
	Percent Change - All Change Orders			36.00%
The time provided for the completion in the contract and all provisions of the contract will apply hereto.				
Recommended by <u>[Signature]</u> (Proj. Engr.) Date <u>1-7-16</u>				
Accepted by _____ (Contractor) Date _____				
Approved by <u>[Signature]</u> (Director) Date <u>1-7-16</u>				
Approved by <u>[Signature]</u> (Commissioner) Date <u>1-19-16</u>				
Approved by <u>[Signature]</u> (Mayor or CAO) Date <u>2-4-16</u>				

**LEXINGTON-FAYETTE URBAN COUNTY  
GOVERNMENT CONTRACT CHANGE ORDER**

Page 1 of 2

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 Location: \_\_\_\_\_

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 Lexington, KY 40509

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 Accepted by \_\_\_\_\_ (Contractor) Date \_\_\_\_\_  
 Approved by [Signature] (Director) Date 1-7-16  
 Approved by \_\_\_\_\_ (Commissioner) Date \_\_\_\_\_  
 Approved by \_\_\_\_\_ (Mayor or CAO) Date \_\_\_\_\_

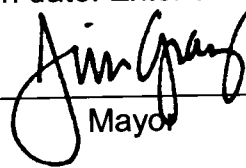
**JUSTIFICATION FOR CHANGE**

PROJECT: Coldstream Park Stream Corridor Restoration and Preservation Engineering Services

CONTRACT NO. 89-2012

CHANGE ORDER: 1

1. Necessity for change: Change order covers costs for design modifications recommended by EPA. The revised design concept has been accepted by the EPA with approval to proceed with preparing final contract documents, bidding, and construction given via letter on November 25, 2015.
2. Is proposed change an alternate bid? \_\_\_ Yes X No
3. Will proposed change alter the physical size of the project? \_\_\_ Yes X No  
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? \_\_\_ Yes X Not Necessary
6. Will this change affect expiration or extent of insurance coverage? \_\_\_ Yes X No  
If "Yes", will the policies be extended? \_\_\_ Yes \_\_\_ No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: Extension 36 months.

  
\_\_\_\_\_  
Mayor2-4-16  
\_\_\_\_\_  
Date



improving lives one community at a time...through sustainable solutions

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January 6, 2016

Charlie Martin, PE, Director  
LFUCG Division of Water Quality  
125 Lisle Industrial Avenue  
Lexington, KY 40511

Re: Coldstream Park Stream Corridor Restoration and Preservation  
Contract Modification

Dear Mr. Martin,

In February 2012, CDP was contracted to design the Coldstream Park Stream Corridor Restoration and Preservation Consent Decree Supplemental Environmental Project under a \$250,000 contract. The first required submittal of the 75% design was provided to the EPA on December 21, 2012. In September of 2013, without issuing an official response to the plan, the EPA requested LFUCG consider design changes necessary to address concerns that had been raised directly to the EPA by concerned citizens, while still maintaining the environmental goals of the project as defined in the Consent Decree. The tasks required to meet EPA's request were significant, and included a much expanded public involvement effort, as well as evaluation of alternative approaches to reduce impacts to certain existing riparian areas, preservation of two 300-year old bur oak trees, and removal of clay compaction over concerns raised about alteration of the karst system's hydrologic response. Ultimately, it was agreed to present a new design concept to the EPA that represented a redesign of about 80% of the project components. EPA provided acceptance of the new design concept via letter on November 25, 2015. CDP is prepared to successfully complete this project, including the remaining scope of services tasks listed below, within the EPA's revised deadline (12/12/18 for Project Final Report).

With regards to redesign, this letter serves as a contract modification request to clarify the scope additions and to cover the fees associated with the redesign services and extended project duration. CDP has tabulated a cost of \$90,000 for the redesign services (including subconsultant fees), with an outline for those services listed below. It should be noted that the \$90,000 addresses services specifically covered under the project scope additions. Other costs have been absorbed by CDP in support of the project. The following tasks have been added to the scope as a contract modification:

1. Public involvement outreach, meetings, and material preparation.
2. Hold a Vegetation Design Charrette with interested community members, horticultural experts, and stakeholders.
3. Obtain additional survey of sensitive native plant areas.
4. Hold additional consultations on existing karst features and their impact on the project and the site hydrology.
5. Have a certified arborist perform an independent tree condition assessment of the two historic bur oak trees within the project site.
6. Redesign the channel and valley cross-section to exclude the clay liner.
7. Perform new 2-dimensional shear stress modeling iteratively, to determine an acceptable redesigned plan and profile. Prepare a revised Hydrology and Hydraulics Report based upon the selected alignment.
8. Redesign the project to remove approximately 50% of the stream restoration design elements and replace with a stream bank stabilization design. Redesign the plan and profile for the other

- 50% of the project that remains a full valley stream restoration to account for necessary changes in vertical connections and transitions both upstream and downstream.
9. Remove or redesign adjacent proposed wetland features that were impacting sensitive native vegetation areas.
  10. Prepare new designs plans, specifications, quantity takeoffs and construction cost estimate based upon the redesign.
  11. Resubmit for various required permits to account for the design change.

Per LFUCG's request, the CLOMR/LOMR will be performed in conjunction with another project nearby and is therefore removed from this contract. The original contract amount, requested changes, and revised proposed contract amount are shown below.

<b>Original Contract:</b>	<b>\$250,000.00</b>
<b>Amount Billed to Date:</b>	<b>\$197,230.19</b>
<b><u>Amount remaining on original contract</u></b>	<b>\$ 52,769.81</b>
○ <b>Finalize Construction Documents</b>	
○ <b>Finalize Permit Submittals</b>	
○ <b>Bid Assistance</b>	
○ <b>Limited Construction Assistance/As-Build Documents</b>	

**Scope Additions:**

<b>+ Revise Hydraulics and 2-Dimensional Model</b>	<b>\$ 13,071.00</b>
<b>+ Final Hydraulics and Hydrology Report</b>	<b>\$ 7,500.00</b>
<b>+ Revise Design</b>	<b>\$ 62,198.81</b>
<b>+ Public Involvement/Consultations</b>	<b>\$ 17,000.00</b>

**Reduction In Scope:**

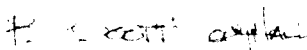
<b>CLOMR/LOMR</b>	<b>(\$ 9,769.81)</b>
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<b>New Contract Amount:</b>	<b>\$340,000.00</b>
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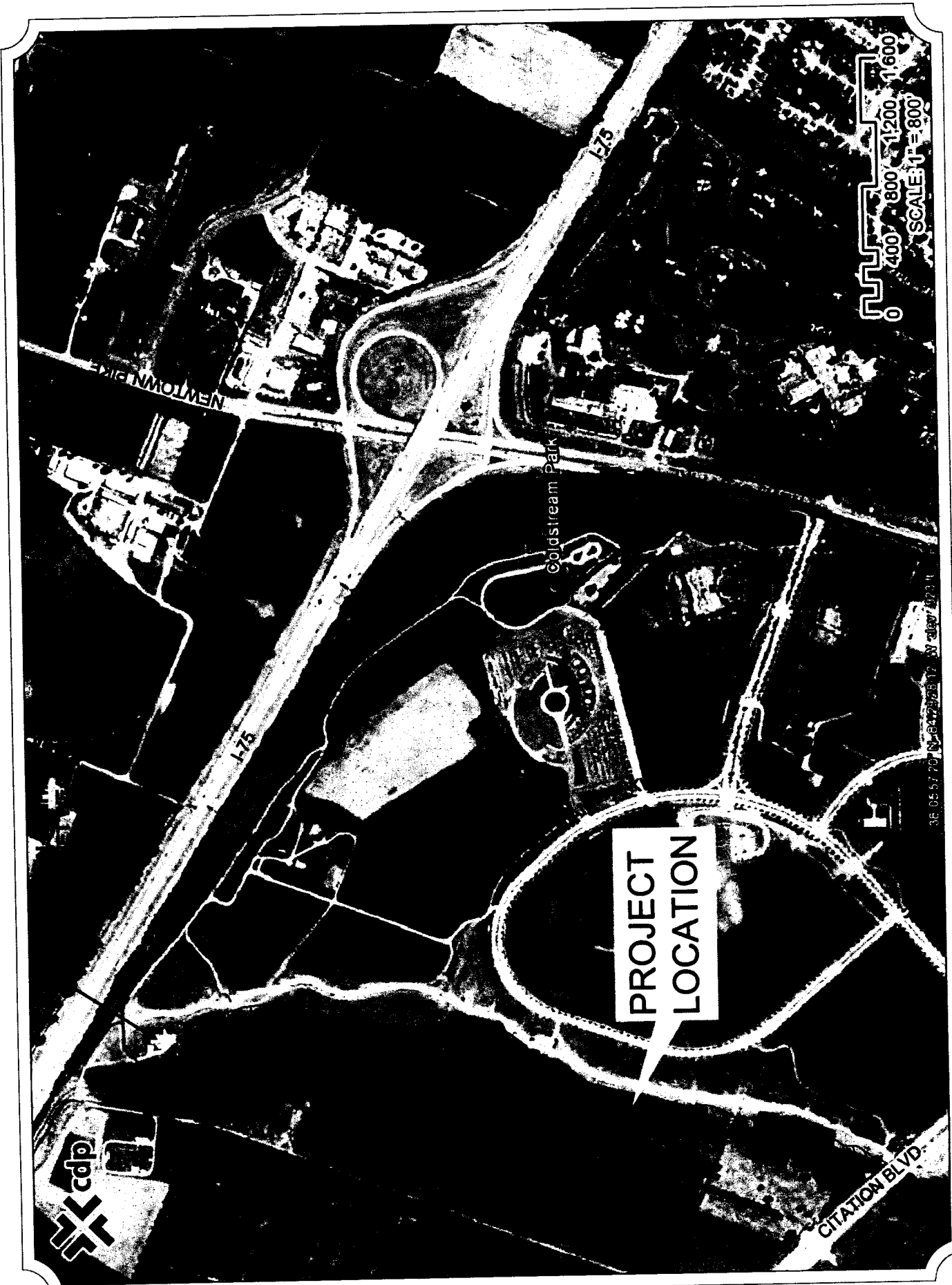
<b>Change Order Request:</b>	<b>\$ 90,000.00</b>
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Feel free to call me if you have any questions, or require additional data. Thank you for your attention to this matter.

Sincerely,



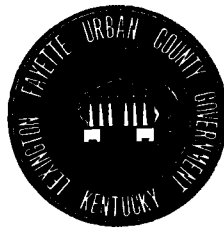
B. Scott Southall, PLA, AICP, LEED AP BD+C, ASLA  
Vice-President



**Coldstream Park Stream Corridor Restoration and Preservation Consent Decree SEP**

Lexington-Fayette Urban County Government

January 2016




Lexington-Fayette Urban County Government  
DEPARTMENT OF PUBLIC WORKS & ENVIRONMENTAL QUALITY

Jim Gray  
Mayor

Dowell Hoskins-Squier  
Acting Commissioner

TO: Mayor Jim Gray  
Urban County Council

FROM :   
Charles H. Martin, P.E., Director  
Division of Water Quality

DATE: January 7, 2016

SUBJECT: Request approval of Change Order #1 for the Coldstream Park Stream Corridor Restoration and Preservation Engineering Services - Contract #89-2012.

**Request**

The approval of Change Order #1 with CDP Engineers in the amount of \$90,000.00 and the extension of the contract duration by 36 months for work associated with the Coldstream Park Stream Corridor Restoration and Preservation Engineering Services Contract #89-2012, a Consent Decree Supplemental Environmental Project (SEP). Upon approval of this request, the revised contract amount will be \$340,000.00.

**Why are you requesting?**

This change order is to cover design, permitting, and related consulting services associated with concept modifications recommended during discussions with the EPA on LFUCG's initial project design submittal. A revised design concept was submitted to the EPA on December 31, 2014, followed by a comprehensive Coldstream Park Greenway Plan submittal on August 12, 2015. Per a letter dated November 25, 2015, EPA has accepted the redesign and plan submitted on August 12, 2015, and has extended the project end date to September 12, 2018.

**What is the cost in this budget year and future budget years?**

The cost for FY16 is: \$90,000.00. No future budget year impact is anticipated.

**Are the funds budgeted?**

Funds are budgeted and available in the following accounts:

FUND	DEPT ID	SECTION	ACCOUNT
4051	303204	3373	71205
4051	313201	3091	71299
4051	313201	3095	71299

**Director/Commissioner:** Martin/Hoskins-Squier