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April 25, 2018

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,

Per your request, CDP has prepared this contract modification for the following task items to complete the Coldstream Park Stream Corridor Restoration and Preservation SEP project. The three tasks requested include: project closeout, preparing a FEMA Letter Of Map Revision (LOMR) for the project area and Lower Cane Run WWS Tank (HES-RAS model & application) and preparing the final Coldstream Park Stream Corridor report to the EPA. CDP is prepared to successfully complete these tasks listed below, within the EPA's revised deadline of 09/12/18 for project completion. The following tasks have been added to the scope as a contract modification:

Project Closeout: CDP will assist LFUCG DWQ with the following items to ensure a smooth and efficient closeout to this project.

- Attend a second and final site walk through and prepare a punchlist for the contractor.
- Conduct a final site visit to ensure punchlist items have been addressed.
- Re-setting survey pins at four locations at the downstream end of the project.
- Ensure all permits for the project have been terminated and LFUCG DWQ has copies for their records.
- Continue monthly meeting(s) with LFUCG and project team through project closeout phase.

FEMA Letter Of Map Revision (LOMR): Based on the previous models, CDP will prepare a final HEC-RAS model for both the Coldstream Park Stream Corridor Project and the Lower Can Run WWS Tank site. From the preliminary studies completed, we will base our work on the assumption that a no rise model will be the result for this final model.

- Obtain and generate the as-built model of the stream corridor, the tank site and effected surrounding landscape.
- Prepare a HEC-RAS model of the project areas.
- Prepare the FEMA LOMR application.
- Review FEMA LOMR model and application with LFUCG DWQ staff.
- Submit model and application to FEMA for review.
- Filing fee(s) for FEMA is not included in this proposal.
- Respond to correspondence with FEMA regarding the application and/or model

Final Report: CDP will write and edit the final report as required by the EPA Consent Decree per Appendix J-1 – Supplemental Environmental Project. If a portion of this work is performed by LFUCG DWQ, a reduction in design fee would be proportional to the reduction in scope of work.

- Prepare an outline of the final report per Appendix J-1 of the Consent Decree.
- Review the report outline with LFUCG DWQ staff and identify supporting documentation for the report.
- Compile the supporting documentation for the report.
- Prepare a draft of the final report with supporting documentation.
- Review the draft of the final report with LFUCG DWQ staff.
- Prepare the final report for EPA submission.

Design Fee:

This scope of work is to assist LFUCG DWQ with project closeout, to prepare the FEMA LOMR, and to prepare the final report to EPA, as outlined in the above list of services. We will complete each phase within the scope of work described above based upon a lump sum. The following is a breakdown for each phase of work associated with your project:

▪ Project Closeout	\$ 6,500.00
▪ FEMA LOMR (Coldstream)	\$ 10,300.00
▪ FEMA LOMR (LCR WWS Tank)	\$ 13,400.00
▪ EPA SEP Final Report	\$ 35,500.00

The original contract amount, requested changes, and revised proposed contract amount are shown below.

Original Contract:	\$250,000.00
Contract Modification #1:	\$ 90,000.00
Requested Contract Modification #2:	<u>\$ 65,700.00</u>
New Contract Amount:	\$405,700.00
Change Order Request:	\$ 65,700.00

Feel free to call me if you have any questions, or require additional information. Thank you for your attention to this matter.

Sincerely,



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