

**LEXINGTON-FAYETTE URBAN COUNTY
 GOVERNMENT CONTRACT CHANGE ORDER**
 Page 1 of 2

Date:	June 24, 2015
Project:	Investigation/Design Services for Process and Control Improvements at Town Branch WWTP, West Hickman WWTP and all pump stations maintained by LFUCG
Location:	Town Branch and West Hickman WWTPS and all Pump Stations
To (Consultant): Strand Associates, Inc. 1525 Bull Lea Road Lexington, KY 40511	Contract No. 765-2009
	Original Contract Amt. \$2,859,500.00
	Cumulative Amount of Previous Change Orders \$0.00
	Percent Change - Previous Change Orders 0.00%
	Total Contract Amount Prior to this Change Order \$2,859,500.00
	Change Order No. 1

You are hereby requested to comply with the following changes from the contract plans and specification;

Current Change Order

Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price
1	Increase in closeout/construction administration scope of the project		\$66,000.00
	Total decrease	\$0.00	
	Total increase		\$66,000.00
	Net Amount of this Change Order	\$66,000.00	
	New Contract Amount including this Change Order	\$2,925,500.00	
	Percent Change - This Change Order		2.26%
	Percent Change - All Change Orders		2.31%

The time provided for the completion in the contract and all provisions of the contract will apply hereto.

Recommended by T. H. [Signature] (Proj. Engr.) Date 8/17/15
 Accepted by [Signature] (Consultant) Date 8/11/15
 Approved by [Signature] (Director) Date 8/26/15
 Approved by Doreen Hoskins [Signature] (Commissioner) Date 12-16-15
 Approved by [Signature] (Mayor or CAO) Date 16-Dec-15

[Signature]

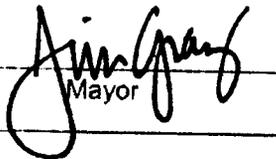
JUSTIFICATION FOR CHANGE

PROJECT: Investigation/Design Services for Process and Control Improvements at
Town Branch WWTP, West Hickman WWTP and all pump stations maintained by
LFUCG

CONTRACT NO. 765-2009

CHANGE ORDER: 1

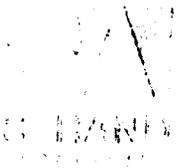
1. Necessity for change: Increase to the design fee due to time extensions for construction change orders and SCADA operational issues that needed further investigation.
2. Is proposed change an alternate bid? ___ Yes X No
3. Will proposed change alter the physical size of the project? ___ Yes X No
If "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? X Yes ___ No
If "Yes", will the policies be extended? X Yes ___ No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: The contract completion date has been extended and is continuing to move toward final punchlist items.



Mayor



Date



April 28, 2015

Ms. Tiffany Rank, P.E.
Lexington-Fayette Urban County Government
301 Lisle Industrial Avenue
Lexington, KY 40511

Re: Town Branch and West Hickman Creek WWTP
Electrical, SCADA, Blower/Aeration
and Pump Station SCADA Improvements

Dear Ms. Rank:

Construction for the above-referenced project started in December 2012 with a construction completion date of August 25, 2014. The construction completion date was modified to September 23, 2014 when the Town Branch MCC replacements were added to the construction contract.

During a project meeting on April 22, 2015, the contractor established a goal to have all original contract and change order items completed by July 31, 2015, and ready for project closeout. This would be nearly one year beyond the original contract completion date, and ten months beyond the current contract completion date. Strand Associates, Inc.[®] (Strand) issued a preliminary list of items requiring correction or completion on January 5, 2015. Many of these items remain uncompleted.

Strand continues to provide construction-related services during this contract period overrun. Services include attendance at project meetings, additional site visits, and responding to construction issues. The new SCADA system continues to experience operational difficulties. As a result, Strand's SCADA consultant CDM Smith Inc. (CDM Smith) has made additional site visits to evaluate problems and provide recommendations for corrective action. These services are outside of the scope of our original fee proposal submitted in May 2009.

The Engineering Services Agreement includes provisions to compensate the engineer for additional services. We are requesting additional compensation for the additional services described above.

Following is a proposed scope of services to provide continued engineering services during construction, and to provide detailed evaluation of the SCADA system integration.

In-depth analysis to identify manner in which contractor configured SCADA HMI—\$33,000

Scope includes the following items.

1. Identify problematic and/or incorrect configurations and installations.
2. Meet with the contractor to discuss findings and identify solutions/corrections.

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Lexington-Fayette Urban County Government
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3. Evaluate the following software items:
 - Polling Configuration (Pump Station Maintenance).
 - Reporting Configuration (Pump Station Maintenance, Town Branch WWTP, and West Hickman Creek WWTP).
 - Trending (Pump Station Maintenance, Town Branch WWTP, and West Hickman Creek WWTP).
 - Alarming and Win 911 Notification (Pump Station Maintenance).
 - Event and Alarm logging (Town Branch WWTP and West Hickman Creek WWTP).
 - Security.
 - Display server configuration (Town Branch WWTP and West Hickman WWTP).
4. Provide summary report documenting findings.
5. These tasks include three trips to the site by CDM Smith engineer.

Additional Monthly CA Services Through July 31, 2015--\$30,000
(Note: January through March 2015 averaged \$4700 per month)

Scope includes the following items.

1. Progress meetings held on-site.
2. Site visits to evaluate technical issues.
3. Update list of items requiring completion or correction.
4. Participate in conference calls to monitor construction activities and provide clarifications.

Town Branch MCC Change Order CA Services--\$3,000

(Note that these services were included in a previously issued purchase order that expired in 2014.)

Scope includes the following items.

1. Up to five site visits during MCC installation.
2. Preparation of items requiring completion or correction.

Thank you for your consideration. Please let me know if you have any questions or need any additional information.

Sincerely,

STRAND ASSOCIATES, INC.®



Michael L. Davis, P.E.
Senior Associate

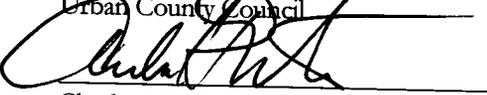


Lexington-Fayette Urban County Government
DEPARTMENT OF ENVIRONMENTAL QUALITY AND PUBLIC WORKS

Jim Gray
Mayor

David L. Holmes
Commissioner

TO: Mayor Jim Gray
Urban County Council

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

CC: Tiffany Rank, P.E., Division of Water Quality

DATE: August 18, 2015

SUBJECT: Change Oder #1; Electrical/SCADA Design Services

Request

The Division of Water Quality request approval of Change order #1 to the design contract with Strand Associates, Inc. for Investigation/Design Services for Process and Control Improvements at Town Branch WWTP, West Hickman WWTP and all Pump Stations maintained by LFUCG.

Purpose of Request

The Increase to the design fee is necessary due to time extensions for construction change orders and SCADA operational issues that need additional construction administration effort from Strand. The scope of the design contract is being increased to include items discussed in the attached letter from Strand Associates, Inc. dated 4/28/2015.

Project Cost in FY16 Budget and Future Budget Years

FY16 – Approval of this change order results in a net increase of \$66,000.00 to the contract. The revised contract amount including this change order will be \$2,925,500.00, representing a 2.26 % increase of the original contract amount.

Future Budget Impact – This change order will not have an impact on future budget years.

Are Funds Budgeted

Funds are Budgeted in: 4003 303401 3421 92711 2012 SCADA_2012 CONSTRUCT

Martin/Holmes