



Strand Associates, Inc.
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Lexington, KY 40504
Tel: 606-258-6200
www.strand.com

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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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