



west virginia department of environmental protection

Division of Water and Waste Management
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Austin Caperton, Cabinet Secretary
dep.wv.gov

MEMORANDUM

TO: Kathy Emery, P.E., Program Manager, DWWM

FROM: Jason Billups, P.E., DWWM *JB*

DATE: October 15, 2018

SUBJECT: Claywood Park Public Service District
Spring Valley Sanitary Sewer replacement and upgrade
Total Engineering Fee Variance Request
IJDC No. 2018S-1733

RECOMMENDATION

The variance request for the engineering fees for the above referenced project has been reviewed, and it is recommended for approval.

The justification for exceeding the total engineering fee includes additional services. These services include; startup and warranty, additional easement acquisitions, O&M manual, record drawings and construction stakeout. If the additional services are removed from the total fee it would bring the total amount down closer to the curve percentage of 20%. The owner supports the work and agreed to the total fee. The total engineering fee does not appear to be excess compared to the work that's being accomplished.



August 10, 2018

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Mr. Todd Grinstead, General Manager
Claywood Park Public Service District
P. O. Box 127
Parkersburg, WV 26102-0127

RE: Claywood Park Public Service District
Newark Area Wastewater Facilities - Phase 2
Agreement for Professional Services

Dear Mr. Grinstead:

As part of the WVIJDC evaluation of the preliminary application of the above referenced project, that agency has required that the District obtain a waiver for total engineering fees. As you are aware, this process was established by the Council within the last ten years or so to make sure that fees for basic engineering services comply with the American Society for Civil Engineers (ASCE) fee curves for public engineering projects.

As noted in the WVIJDC technical comments for this project application, based on the opinion of probable construction costs of \$2,643,476 the ASCE design fee should be 9.2% of that cost and the total fee should be 20.0% of that cost. While our design fee of \$180,000 is 6.8% of that cost, well under the fee curve, our total fee for all services - both basic and additional - of \$680,000 is 25.7% of the cost, obviously over the fee curve.

Our total fee for all **basic** services that are part of a standard EJCDC agreement is \$540,000, or 20.4% of the total probable construction cost, generally within the ASCE curve. However, this enclosed agreement also includes items that are by definition **additional** services, yet which our office has traditionally always provided in sewer projects. These total \$140,000 and include the following:

- 1) Start up and warranty services for \$15,000
- 2) The standard Additional Services item for \$30,000 for extra services that might be requested by the District during the easement acquisition and construction phase of the project and be billed on a time and materials basis
- 3) O&M manual for \$10,000, required by the WV Department of Environmental Protection Clean Water State Revolving Fund program
- 4) Record drawings for \$20,000





5) Construction stake out for \$65,000, perhaps the most important of these services which occurs immediately prior to construction. As you might recall from previous projects, we have always provided this service in lieu of the Contractor performing this task in an effort to assure that the sewer lines are constructed as closely as possible to the design intent, with respect for existing conditions.

Accordingly, upon execution of the Agreement for Professional Services sent forth in a separate letter, please forward one copy of this letter along with a cover letter to the WVIJDC requesting a fee waiver. We have enclosed a draft letter for your use.

We trust that this provides a detailed explanation of services that fall outside the scope of basic engineering services and the associated ASCE fee curves. However, should you have any questions, please do not hesitate to contact our office.

Respectfully,

CERRONE ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to be "D. Cerrone".

Dominick P. Cerrone, PE
Director of Engineering

DPC/cd

Encl.

Cc: Luke Peters, MOVRC, w/ attachment

