



"Quality: often discussed, seldom practiced"

March 19, 2001

Mr. Karl C. Wetherholt, P.E.
City Engineer
City of Gahanna
200 South Hamilton Road
Gahanna, OH 43032

RE: Engineering Proposal
2001 Street Repair Program
Construction Engineering

Dear Mr. Wetherholt:

Per your request, we are pleased to submit our proposal to provide construction engineering services for the 2001 Street Repair Program.

Engineering services for construction of the project will include general construction engineering, resident project representation, material testing and preparing as-built drawings after the project is completed.

Specific engineering services will include the following:

Construction Engineering

Assist the City during all phases of construction of the project by making periodic visits to the job site to monitor and inspect the activity of construction; reviewing materials used or proposed to be used in the construction of the project; reviewing equipment proposed to be furnished by the contractor for installation in the project; approving monthly and final estimates of completed work performed on the project by the contractor, upon which partial payments or the final payment to the contractor shall be based; preparing routine change orders to the contract; reviewing the order of construction and the work progress, including reports made in connection therewith by the contractor; determining whether the work by the contractor on the project is proceeding in compliance with the Contract Documents; consulting with and making recommendations to the City in the event of noncompliance with or noncompletion of the terms of the Contract Documents by the contractor; and on the basis of our on-site observations as an experienced and qualified design professional, keep the City informed of the progress of the work, and endeavor to guard the City against defects and deficiencies in the work of contractors.

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Check and approve samples, catalog data, schedules, shop drawings, material lists, manufacturers equipment, and other data which the contractor is required to submit, as to conformance with the design concept of the project and compliance with the Contract Documents.

Conduct a preconstruction conference and a final inspection of the project for compliance with the requirements of the Contract Documents.

Resident Project Representation

Furnish a resident project representative during major construction activities by the contractor. Generally, a resident project representative shall spend sufficient time at the job site to monitor the contractor's activities throughout the construction period. During periods of delay, bad weather, final cleanup and minimal construction activities, resident project representation may be discontinued for short time periods.

Material Testing

Employ an independent testing laboratory for the testing of materials incorporated in or to be incorporated into the project. The testing of materials will be as required to verify that materials conform to the requirements of the specifications.

Record Drawings

Obtain from the contractor record drawings of the completed project and make revisions on the tracings and submit revised record drawings of the final project to the City in the form of mylar reproductions.

The services to be performed as set forth in this proposal are intended solely for the benefit of the City. Nothing set forth herein shall confer any rights upon or - create any duties on our part toward any person or persons other than the City.

The above services shall not include responsibility for the means, methods, procedures, techniques, or sequences of construction, nor for safety on the job site, nor for responsibility for the contractor's failure to carry out the construction work in accordance with the contract documents.

The engineering fee will be based upon payroll costs for the actual discipline hours expended on the project, times a multiplier of 2.20, plus material testing

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costs times a factor of 1.10, and reimbursable expenses. The total engineering fees shall not exceed \$28,000 for a construction period of ten (10) weeks. This fee is based upon the assumption that this project and the Reconstruction of Lansdowne Avenue will be constructed concurrently.

Discipline payroll cost hourly rates for this project will be as follows:

Principal	\$65.00
Engineer	39.00
Technician	29.90
AutoCAD Operator	23.40
Stenographer	22.10
Project Representative	27.30
Survey Party Chief	35.10
Survey Technician	15.60

Reimbursable expenses will include the expense of transportation of principals and employees when traveling in connection with the project, reproduction of reports, drawings and specifications.

We appreciate the opportunity to submit this proposal and should you have any questions or need additional information, please call us.

Sincerely,

STILSON CONSULTING GROUP, LLC



William E. Stilson, P.E.
President

WES/kse