

CITY OF BETHLEHEM
INTER-DEPARTMENTAL CORRESPONDENCE

SUBJECT: Request for Approval by City Council of Contract Award or Contract Price Increase Pursuant to City Ordinance, Article 121.05 (a)

Project or Contract Reference: 2021 Annual Engineering Services for Department of Water & Sewer Resources Water Engineering – Hydraulic Model Calibration

TO: City Council, all members, and Council Solicitor

FROM: Edward J. Boscola, P.E., Director of Water and Sewer Resources

DATE: December 30, 2020

On behalf of the Administration, pursuant to City Ordinances, Article 121.05, I request City Council’s approval of the following recommendation of the referenced contract award or price increase.

- Check Type of Contract or Change:

 The contract is for over \$50,000 and required to be bid under the Third Class City Code. We have advertised the above referenced project and received qualified bids. We recommend award of the contract to the bidder identified and for the reasons stated below.

 The recommendation is for a price increase of 10% or more for an existing contract over \$50,000 that was previously bid and awarded under the Third Class City Code.

 ✓ The contract is for the engagement of professional services. We have received one (1) proposal for professional services in connection with above referenced project. We recommend award of the contract to Steven G. Lowry & Associates, Inc.

- Is the contract appropriation or price increase included in this year’s budget? ✓ yes no

2021 Water Fund Operating Budget.

- Identify contract funding sources (general fund, grants, loans, etc.....):

Account #2006-42055 – Water General – Professional Services

- The name and address of the recommended Professional Service Provider are:

Steven G. Lowry & Associates, Inc.
3708 Leyland Drive

Mechanicsburg, PA 17050

- Term of contract or estimated completion date, subject to standard extensions:

The contract shall run from January 1, 2021 to December 31, 2021.

- Description of project or scope of services to be provided:

Along with the renewal for the 2021 Annual Services Contract (Amendment #2) previously approved by Council Resolution 2019-022, we are requesting an additional task be included to update and calibrate the City's distribution system hydraulic model. This added task will include organizing data, update pipe and model network, analyze customer demands, prepare field testing and perform 20-25 field tests, model calibration, and prepare and present the hydraulic model report.

- State the actual or estimated price to the City or the proposed Department budget allowance for the initial term; and state payment rate per unit of service if applicable:

\$22,900 for this task

- Number of renewal term options and duration of each renewal, if any:

None.

- Maximum dollar value of all renewals provided for beyond the original term as if all renewals were exercised:

None.

- Reasons for recommendation of Administration and Council approval of contract:

- Steven Lowry has over 30 years of experience in water resources engineering.
- Has performed numerous distribution system studies and evaluations for the City since the 1980's.
- Is familiar with the entire water system including sources of supply, raw water transmission, treatment facilities, and the distribution network.
- Developed the original Bethlehem water distribution system model and has been involved in updating and calibrating it for 25 years.
- Designed and supervised construction of the City's original computer-based SCADA system.
- Has nation-wide experience with water system practices and operations and can provide additional perspectives on Water Bureau procedures.
- Has provided engineering services not available in City workforce for the past 5 years.

Please approve this recommendation by passing the accompanying resolution. A vote of final approval is requested at the first City Council agenda listing of this matter.

By: 
Department Head

Copies To: Mayor
Director of Administration
Director of Budget and Finance
Law Bureau
Purchasing Bureau
Controller

Attachment: proposed resolution

RESOLUTION NO. _____

Authorization for Contract or Amendment under Article 121.05(a)

BE IT RESOLVED by the Council of the City of Bethlehem that the Mayor and the Controller and/or such other City officials as deemed appropriate by the City Solicitor, are hereby authorized to execute a Contract or Amendment and such other agreements and documents as are deemed by the City Solicitor to be necessary and/or related thereto, with the following named contractor, for the uses and purposes indicated in the supporting Recommendation of Award of Bid or Contract dated January 5, 2021.

1. Name of Contractor: Steven G. Lowry & Associates, Inc.
2. Project or Contract Reference: 2021 Annual Engineering Services for Department of Water & Sewer Resources Water Engineering

Sponsored by _____

ADOPTED by Council this _____ day of _____, 20____.

President of Council

ATTEST:

City Clerk