

**A RESOLUTION OF THE TOWNSHIP COUNCIL OF NORTH BRUNSWICK
AUTHORIZING A CHANGE IN SCOPE TO
THE PROFESSIONAL SERVICE AGREEMENT WITH CME ASSOCIATES
APPOINTED AS THE 2021 TOWNSHIP CONSULTING ENGINEERING FIRM
TO INCLUDE CONSTRUCTION ADMINISTRATION PHASE SERVICES FOR THE
LIVINGSTON AVENUE WATER SYSTEM IMPROVEMENT PROJECT**

WHEREAS, the Township is the owner of the Water Treatment Plant and Distribution System that includes **water** main lines that run under Livingston Avenue that conveys “potable” water to its customers; and

WHEREAS, in addition, the Township is the owner of the Sewer Distribution System that includes sewer main lines that run under Livingston Avenue that conveys wastewater to the Middlesex County Utility Authority (MCUA) for treatment and processing; and

WHEREAS, the New Jersey Department of Transportation (NJDOT) owns and maintains Route 26, known in North Brunswick as Livingston Avenue; and

WHEREAS, when NJDOT notified the Township of their plans to mill and pave a section of Livingston Avenue, from Yorke Road to Nassau Street, the Township reviewed the condition of the municipal **water** and sewer lines under the roadway to make sure any necessary repairs were made prior to the commencement of work by NJDOT; and

WHEREAS, based on a review of the lines it was determined the Project was to include improvements of the sanitary sewer and **water** main along Livingston Avenue, from How Lane to Nassau Street; and

WHEREAS, in October of 2019, pursuant to Resolution 266-10.19, CME Associates was engaged to provide professional services associated with the Livingston Avenue Water System Improvement Project in the amount of \$325,744.00 for survey, design and permitting services; and

WHEREAS, the Township has solicited and received bids for the construction of said work and CME Associates has been requested to provide a proposal for construction phase services for the services associated with the Livingston Avenue Water System Improvement Project; and

WHEREAS, in January of 2021, pursuant to Resolution 10-1.21, CME Associates, of 3141 Bordentown Avenue, Parlin, NJ 08959, was authorized to provide engineering consulting services for calendar year 2021, as awarded under a fair and open contract process, pursuant to the provisions of N.J.S.A. 19:44A-20.1 et seq.; and

WHEREAS, CME Associates current agreement includes the following:

→ General engineering services in an amount not-to-exceed \$100,000.00,

Amendment 1 → Professional services associated with the Mile Run Interceptor Rehabilitation Project, in the amount of \$143,434.00, and a revised contract authorization amount of \$243,434.00,

Amendment 2 → Construction phase services associated with the Livingston Avenue Sewer Line Replacement Project for an estimated cost not-to-exceed \$216,000.00, and a revised contract authorization amount of \$459,434.00,

- Amendment 3 → Water Infrastructure Needs Survey, in the amount of \$4,925.00, and a revised contract authorization amount of \$464,359.00,
- Amendment 4 → Alternatives Analysis for the Water Treatment Plant Process, with a cost in the amount of \$14,952.00, and a revised contract authorization amount of \$479,311.00; and
- Amendment 5 → Construction Phase Services for the 2021 Road Program based upon the April 19, 2021 proposal, for an amount not-to-exceed \$374,170.00 with a revised contract amount of \$853,481.00.

WHEREAS, compensation for requested services associated with the Livingston Avenue Water Line Replacement Project shall be based upon the July 7, 2021 proposal submitted by CME Associates, to be paid upon submission of monthly invoices, with an amount not-to-exceed \$439,671.00, and a revised contract authorization amount of \$1,293,152.00.

NOW, THEREFORE, BE IT RESOLVED on this 13th day of July 2021, that the Township Council of the Township of North Brunswick does hereby authorize the Mayor to execute and the Township Clerk to witness an amendment to the current agreement with CME Associates, to include construction phase services associated with the Livingston Avenue Water Line Replacement Project for an estimated cost not-to-exceed \$439,671.00, and a revised contract authorization amount of \$1,293,152.00.

BE IT FURTHER RESOLVED notice of this action shall be published in the Home News & Tribune as required by law within 10 (ten) days after its passage

CERTIFICATION

I, Cavel Gallimore, Chief Financial Officer of the Township of North Brunswick, hereby certify that funds in the following account totaling \$439,671.00 are available under Contract PRO21044:

- \$ 54,357.54 are available in the FY2018 Water Capital 17-10 account C-06-55-C18-171-901,
- \$ 30,391.11 are available in the FY2019 Water Capital 18-13 account C-06-55-C19-181-901,
- \$149,288.40 are available in the FY2019 Water Capital 19-10 account C-06-55-C19-191-901,
- \$ 4,605.00 are available in the FY2020 Water Capital 19-21 account C-06-55-C20-190-901, and
- \$201,028.95 are available in the FY2021 Water Capital 20-07 account C-06-55-C20-201-901.

Cavel Gallimore
Chief Financial Officer

Michael C. Hritz
Director of Community Development

Justine Progebin
Business Administrator

Ronald Gordon, Esq.
Township Attorney
Approved as to legal form

RECORDED VOTE:

COUNCIL MEMBER	YES	NO	ABSTAIN	NOTES
MEHTA				
LOPEZ				
GUADAGNINO				
ANDREWS				
DAVIS				
SOCIO				
MAYOR WOMACK				

I hereby certify that the above Resolution was duly adopted by the Township Council of the Township of North Brunswick, County of Middlesex, at its meeting held on July 13, 2021.

Lisa Russo
Township Clerk

JOHN H. ALLGAIR, PE, PP, LS (1983-2001)
DAVID J. SAMUEL, PE, PP, CME
JOHN J. STEFANI, PE, LS, PP, CME
JAY B. CORNELL, PE, PP, CME
MICHAEL J. McCLELLAND, PE, PP, CME
GREGORY R. VALES, PE, PP, CME



TIMOTHY W. GILLEN, PE, PP, CME
BRUCE M. KOCH, PE, PP, CME
LOUIS J. PLOSKONKA, PE, CME
TREVOR J. TAYLOR, PE, PP, CME
BEHRAM TURAN, PE, LSRP
LAURA J. NEUMANN, PE, PP
DOUGLAS ROHMEYER, PE, CFM, CME
ROBERT J. RUSSO, PE, PP, CME
JOHN J. HESS, PE, PP, CME

July 6, 2021

Ms. Justine Progebin
Business Administrator
Township of North Brunswick
710 Hermann Road
North Brunswick, NJ 08902

**Re: Proposal for Construction Phase Services for the
Livingston Avenue Water System Replacement
Our File No.: PNO00449.01**

Dear Ms. Progebin:

Thank you for considering our Firm for the above referenced work and allowing us to submit this proposal for Professional Services associated with the proposed Livingston Avenue Water System Replacement for the Township of North Brunswick.

The construction of the Water System Replacement was Bid as a single Project with the Livingston Avenue Sanitary Sewer Rehabilitation under the Project titled "Livingston Avenue Sewer and Water Rehabilitation". We have previously provided a Proposal for the Professional Services for the Construction Phase of the sanitary sewer portion, and herein we are providing this proposal for the water system rehabilitation and services related to the New Jersey I-Bank coordination during the design.

INTRODUCTION

We understand that the overall scope of the proposed improvements generally includes the rehabilitation of water and sanitary sewer utilities along Livingston Avenue and a signalized crosswalk at Cox Road. The existing water mains from How Lane to Nassau Street are to be replaced with approximately 6,500 linear feet of 16" water main including new valves, hydrants and water services. The existing sanitary sewer mains are to be replaced from Elmer Street to Nassau Street including new manholes and sewer laterals. In addition, approximately 4,300 linear feet of existing 10" sanitary sewer main will be cleaned and lined from How Lane to Nassau Street.

Our proposal has considered the elements required to provide the construction phase services and our Firm has the capabilities of providing the necessary engineering and field observation services associated with the Project.

CONSTRUCTION PHASE SERVICES

We will provide the following services in conjunction with the water system portion of the Project:



Ms. Justine Progebin, Business Administrator
Township of North Brunswick
Livingston Avenue Water and Sewer Rehabilitation

July 6, 2021
Our File No. PNO00449.01
Page 2

- Provide general communication with the Township and Contractor throughout the duration of construction regarding such issues as progress, submittal status, construction issues and their resolution.
- Conduct pre-construction meeting, establish agenda, issue notice to proceed,
- Review and approve Progress Schedule, Schedule of Submittals, Schedule of Values required to be submitted by the contractor.
- Review shop drawings and other submittals as required to evaluate that the proposed materials and equipment conform to the contract documents.
- Coordinate with the Contractor to establish baselines and benchmarks for locating work.
- Review laboratory, shop and mill test reports of materials and equipment.
- Prepare monthly progress reports.
- Prepare Record Drawings at the completion of the project.
- Provide full time construction inspection/observation services during periods when the Contractor is on site to monitor the Contractor's progress and compliance with the contract drawings and specifications, including the contractor's environmental protection and restoration measures.
- Conduct regular construction meetings with the Contractor and Township to discuss scheduled activities.
- Prepare daily inspection reports.
- Review monthly payment requests including the final payment request.
- Participate in the review and evaluation of potential change orders, including detailed review of cost proposals.
- Participate in the resolution of issues involving unforeseen field conditions.
- Witness testing and startup of equipment and systems.
- Coordinate vendor training.
- Prepare punch list of remaining work items.
- Evaluate substantial and final completion and issue certificates of substantial or final completion as appropriate.

NEW JERSEY INFRASTRUCTURE BANK (NJ I-BANK)

This phase of the Project consists the required services for obtaining funding through the New Jersey I-Bank Program. The services included the preparation of the required Planning Document and Commitment Letter, the required loan application and subsequent effort related to obtaining funding for the sanitary sewer improvements through the New Jersey I-Bank Program. In addition, the work included responding to NJDEP comments



Ms. Justine Progebin, Business Administrator
Township of North Brunswick
Livingston Avenue Water and Sewer Rehabilitation

July 6, 2021
Our File No. PNO00449.01
Page 3

regarding the Planning Document submissions and various engineering related reports and applications required to obtain the low interest funding including the Authorization to Advertise. Upon the receipt of bids and award of the Project by the Township, our office will coordinate to obtain Authorization to Award from the NJ I-Bank.

COST PROPOSAL

Our Firm has the capabilities of providing the necessary engineering and field observation services associated with the project and we have estimated the cost for said services based upon the required tasks and the anticipated contract completion time.

According, we find that the necessary office engineering, field observation and NJ I-Bank services can be provided for an estimated cost not to exceed \$439,671.00.

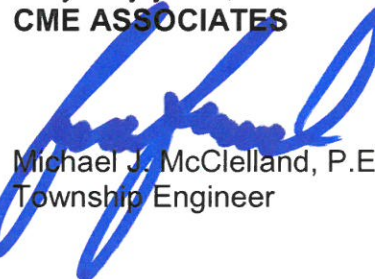
SUMMARY

Our hourly rates shall be firm until January 1, 2022 after which they may be subject to re-negotiation. Invoices shall be paid within 30 days of presentation of same. In accordance with State requirements the Township has our Affirmative Action Statement and Business Registration Certificate on file.

Our contract documents will include wording that requires the Contractor to be responsible for all applicable OSHA and other regulatory agency requirements, as well as safety, construction means and methods, and the usual other requirements that are normally included in our Standard Specifications.

Should you have any questions regarding this matter, please do not hesitate to contact this office.

Very truly yours,
CME ASSOCIATES



Michael J. McClelland, P.E.
Township Engineer

MJM/DHC/

cc: Michael Hritz, Director of Community Development
Scott Kunz, Engineering Project Manager