

**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 2022 TOWNSHIP CONSULTING ENGINEERING FIRM  
FOR PROFESSIONAL SERVICES ASSOCIATED WITH THE  
OLD GEORGES ROAD WATER MAIN REHABILITATION PROJECT**

**WHEREAS**, in January of 2022, pursuant to Resolution 8-1.22, CME Associates, of 3141 Bordentown Avenue, Parlin, NJ 08959, was authorized to provide engineering consulting services for calendar year 2022, 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 Pulda Farm Walking Trail Project-Phase 2 in the amount of \$34,791.00,
- Amendment 2 → Professional services associated with Pulda Farm Walking Trail Project-Phase 3 in the amount of \$24,735.00,
- Amendment 3 → Professional services associated with the North Brunswick Community Park Trail Improvements Project in the amount of \$27,754.00 and
- Amendment 4 → Professional services associated with the Construction Phase for the 2022 Road Program, with an amount not-to-exceed \$362,000.00, for a revised contract amount of \$549,280.00.

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

**WHEREAS**, rehabilitation is needed for a section of an existing 12” cast iron water main that runs under Old Georges Road off Route 130; and

**WHEREAS**, in February of 2020, pursuant to Resolution 75-2.20, CME Associates was engaged provide survey, design and permitting through bid phase services for rehabilitation of the water line; and

**WHEREAS**, as part of the NJ I-Bank application, the costs for the construction administration phase of the project must be authorized prior to the solicitation for bids, and therefore CME Associates has been requested to provide a proposal for services associated with the construction phase for the Old Georges Road Rehabilitation Project; and

**WHEREAS**, compensation for requested services associated with the Old Georges Road Rehabilitation Project shall be based upon the July 29, 2022 proposal submitted by CME Associates, to be paid upon submission of monthly invoices, with an amount not-to-exceed \$349,829.00, and a revised contract authorization amount of \$1,018,856.00.

**NOW, THEREFORE, BE IT RESOLVED** on this 1<sup>st</sup> day of August 2022, 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 services associated with the construction phase for the Old Georges Road Rehabilitation Project, in the amount of \$349,829.00, for a revised contract authorization amount of \$1,018,856.00.

**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, Cavell Gallimore, Chief Financial Officer of the Township of North Brunswick, certify that funds in the following account totaling \$349,829.00 are available under Contract PRO22056:

\$349,829.00 are available in the Water Capital 20-07 account C-06-55-C20-201-901.

\_\_\_\_\_  
Cavell Gallimore  
Chief Financial Officer

\_\_\_\_\_  
Justine Progebin  
Business Administrator

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

**RECORDED VOTE:**

<b>COUNCIL MEMBER</b>	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>	<b>NOTES</b>
MEHTA				
LOPEZ				
GUADAGNINO				
ANDREWS				
SOCIO				
DAVIS				
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 August 1, 2022.

\_\_\_\_\_  
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



TIM W. GILLEN, PE, PP, CME (1991-2019)  
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 29, 2022

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

**Re: Proposal for Professional Engineering Services  
for the Old Georges Road Water Distribution System  
Improvement Project  
CME File No. PNO00457.02**

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 Old Georges Road Water Distribution System Improvement Project for the Township of North Brunswick.

Our Proposal has considered all the elements of the work and our Firm has the capabilities of providing the necessary New Jersey Infrastructure Bank Coordination and Construction Phase Services associated with the project.

**Introduction**

We understand the scope of the proposed improvements generally consists of the rehabilitation of the existing water main along Old Georges Road from its eastern intersection with Route 130 to the western intersection of Route 130 and Wood Avenue. The scope of work includes the cleaning and structural lining of approximately 6,622 linear feet of the existing 12" water main along Old Georges Road and the removal and replacement of approximately 74 linear feet of 6" water main, 117 linear feet of 8" water main, 35 linear feet of 10" water main, and 391 linear feet of 12" water main. The project also consists of the removal, furnishing and installation of fire hydrant assemblies; the furnishing and installation of valves; furnishing and replacement of water services; paved roadway trench repair and right-of-way restoration.



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Township of North Brunswick  
Re: Old Georges Road Water Distribution  
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It is our understanding that the project will be funded through the New Jersey Infrastructure Bank Funding Program.

### **New Jersey Infrastructure Bank (NJ I-Bank)**

This phase of the Project consists of the required services for obtaining funding through the New Jersey I-Bank Program. The services included are the preparation of the required Planning Document and Commitment Letter, the required loan application and subsequent effort related to obtaining funding for the water distribution system improvements through the New Jersey I-Bank Program. In addition, the work includes responding to NJDEP comments 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 the Authorization to Award the Project from the NJDEP/I-Bank.

### **Construction Phase Services**

We will provide the following services in conjunction with this phase of the Project.

#### **Construction Administration**

- Provide general communication with the Owner and Contractor throughout the duration of construction regarding such issues as progress, submittal status, construction issues and their resolution.
- Provide communication and correspondence with the NJDEP.
- Maintain project files as required for periodic inspection by the NJDEP.
- 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.



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- Review shop drawings and other submittals as required to evaluate that the proposed materials and equipment conform to the Contract Documents.
- 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.
- During the first year of operation, consult with the Township on the operation of the new Improvements, revise the O&M Manual to reflect actual operating conditions and experience, advise the Owner as to whether the Improvements are meeting the project performance standards, confirm project performance standards after one year of operation and undertake corrective actions, as appropriate, if the same fails to achieve compliance with the project performance standards.

#### Construction Inspection/Observation Services

- Provide full time construction 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 a weekly construction meeting with the Contractor and Owner 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 a 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 punchlist of remaining work items.



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- Evaluate substantial and final completion and issue certificates of substantial or final completion as appropriate.
- One year after initiation of operation, the recipient shall certify to the Department the performance record of the project.
- If warranted by the scope of the project, environmental inspector(s) will be employed to confirm the requirements of the specifications relating to the environmental and cultural resource protection and restoration are effectively carried out.

### **Compensation 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.

Accordingly, based upon the above outlined Scope of Services, we find that the necessary New Jersey I-Bank Coordination and Construction Phase Services can be provided for a not to exceed fee indicated below:

New Jersey Infrastructure Bank (NJ I-Bank)	\$ 25,000.00
<u>Construction Phase Services</u>	<u>\$ 324,829.00</u>
TOTAL	\$ 349,829.00

### **Summary**

Our hourly rates shall be firm until January 1, 2023 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.




Ms. Justine Progebin  
Township of North Brunswick  
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Should you have any questions regarding this matter, please do not hesitate to contact this office.

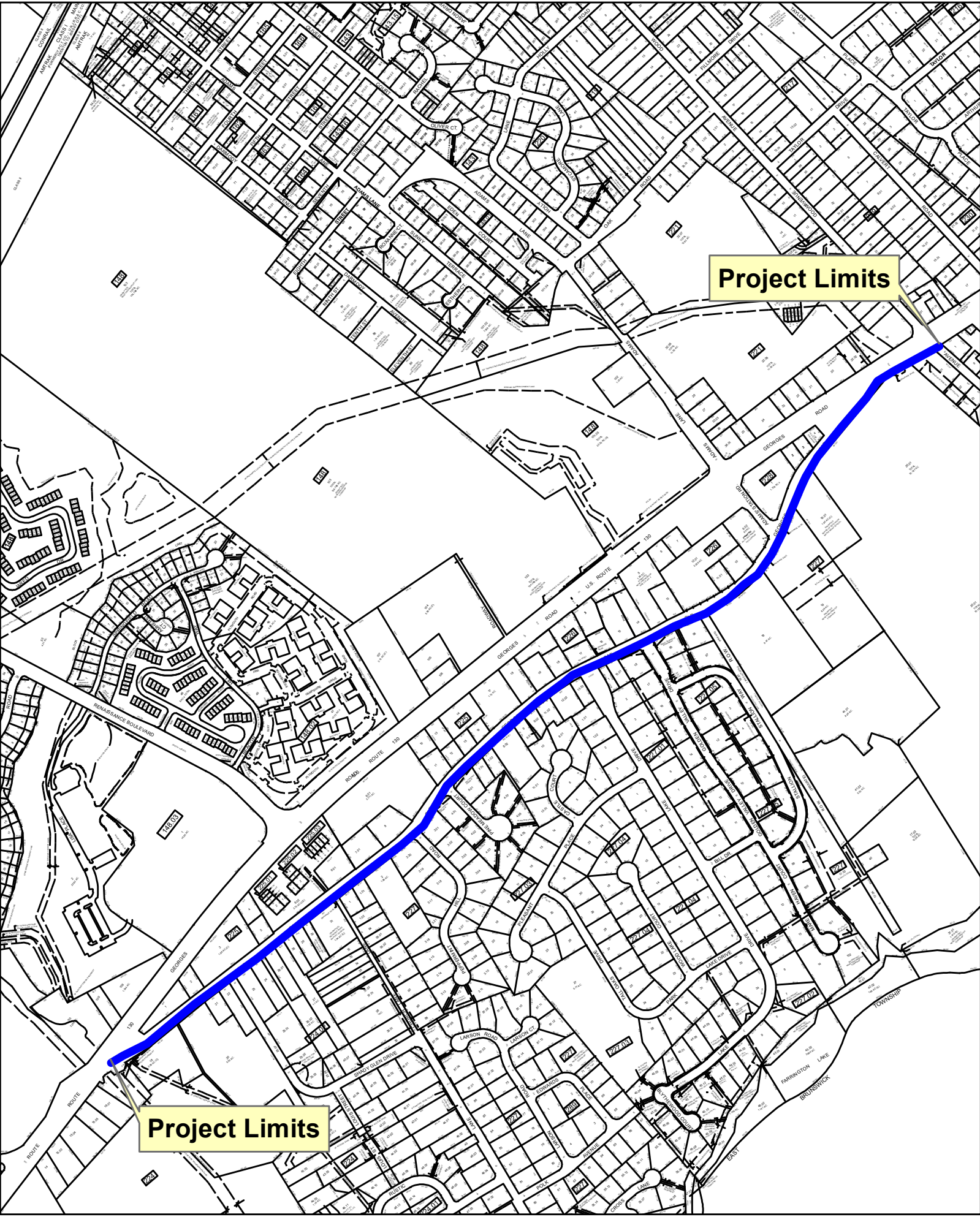
Very truly yours,  
**CME ASSOCIATES**



Michael J. McClelland, PE, PP, CME  
Partner

MJM/kc

cc: Michael Hritz, Director of Community Development



**Project Limits**

**Project Limits**

Old Georges Road Water Main Rehabilitation