

CITY OF VINELAND

**RESOLUTION NO. 2021-110**

**RESOLUTION AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICES AGREEMENT WITH FRALINGER ENGINEERING, BRIDGETON, NEW JERSEY, FOR THE EAST AVENUE WATER MAIN EXTENSION PROJECT**

**WHEREAS**, the City of Vineland, in conjunction with the New Jersey Department of Environmental Protection (NJDEP), is undertaking a water main extension on East Avenue to Forest Grove Road due to the contamination of private water wells servicing various properties; and

**WHEREAS**, Fralinger Engineering, Bridgeton, New Jersey (Fralinger) has had extensive prior experience providing professional engineering services for the City including a repaving project encompassing a portion of the area to be serviced and therefore beneficial to utilize this engineering firm for the Project; and

**WHEREAS**, Fralinger has submitted a proposed Professional Engineering Services to perform the required services for the Project at a cost of \$130,820.00 in accordance with a proposal dated January 21, 2021, attached hereto and made a part hereof, and in accordance with Professional Services Contract No. C21-0023; and

**WHEREAS**, the availability of funds for said Professional Services Contract to be awarded have been certified by the City Comptroller; and

**NOW, THEREFORE, BE IT RESOLVED** by the Council of the City of Vineland as follows:

1. That the Mayor and Clerk are hereby authorized and directed to execute a Professional Services Agreement with Fralinger Engineering, Bridgeton, New Jersey for Professional Engineering Services for bid drawings, specifications and inspection services for East Avenue Water Main Extension Project in an amount not to exceed \$130,820.00 in accordance with Professional Services Contract No. C21-0023 and in accordance with the proposal dated January 21, 2021 attached hereto and made a part hereof.

Adopted:

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President of Council

ATTEST:

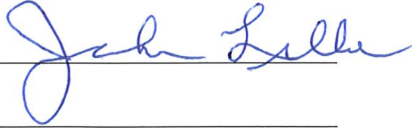
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City Clerk

**REQUEST FOR RESOLUTION FOR CONTRACT AWARDS  
UNDER 40A:11-5 EXCEPTIONS  
(PROFESSIONAL SERVICES, EUS, SOFTWARE MAINTENANCE, ETC)**

2-12-2021

(DATE)

1. Service (detailed description): Provide Bid Drawings, specs, inspection services for East Ave Water Main Extension Project.-See attached Proposal for details
  
2. Amount to be Awarded: \$ 130,820.00  
 Encumber Total Award  
 Encumber by Supplemental Release
  
3. Amount Budgeted: \$ 150,000.00
  
4. Budgeted: By Ordinance No. \_\_\_\_\_  
Or Grant: Title & Year \_\_\_\_\_
  
5. \*\*Account Number to be Charged: 1-05-55-512-9006-52000-E391-3 (C21-0023)
  
6. Contract Period: Six month`s from contract award
  
7. Date To Be Awarded: 2-16-2021
  
8. Recommended Vendor and Address: Fralinger Engineering 629 Shilo Pike  
Bridgeton NJ 08302
  
9. Justification for Vendor Recommendation:(attach additional information for Council review)  
--- SEE ATTACHED SHEET---
  
- Non-Fair & Open (Pay-to-Play documents required)  
 Fair & Open: How was RFP advertised? \_\_\_\_\_
  
10. Evaluation Performed by: Mike Lawler and John Lillie
  
11. Approved by: John Lillie 
  
12. Attachments:  
 Awarding Proposal  
 Other: Scope of work and quotation

- **Send copies to:**  
**Purchasing Division**  
**Business Administration**

**\*\* If more than one account #, provide break down**

# East Water Main Project

## -Vendor Justification-Page One

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The City of Vineland Water Utility has been working for over a year in conjunction with the NJDEP on a project to extend the existing water main on East Ave to Forrest Grove Road because of contaminated private water wells at various locations along that route. Fralinger Engineering is the firm of record for a large user that will also be connecting to the extended water main. Fralinger also has been working for the city on engineering to support the repaving project of East Ave from Wheat Road to Garden Road. Fralinger has also attended multiple meetings in Trenton for this project. Fralinger has a good portion of the required engineering for our project already completed under separate contracts ( which we will not need to pay for ) as well as a favorable relationship with the NJDEP and the various NJDEP departments that will also be involved with our project. It is very beneficial to have one Engineering firm involved with all the related portions of the project to avoid confusion with the required paperwork and NJDEP plan review and permitting. Having one engineering firm also speeds up the process for the project without duplicating effort and cost. The NJDEP has been very receptive to the one engineering firm idea for this project

# East Water Main Project

## -Vendor Justification-Page Two

### 2-12-2021

providing single point contact for submittals, questions, RFI inquiries and permitting. Furthermore, the NJDEP through an agreement and contract with the City of Vineland will be providing a substantial financial contribution to our Water Main extension project which supports the comfort level the NJDEP has with a streamlined information source by utilizing a common engineering firm for all aspects of the project.



**CONSULTING ENGINEERS • PLANNERS  
LAND SURVEYORS • ENVIRONMENTAL SERVICES**

629 Shiloh Pike • Bridgeton • New Jersey • 08302  
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- Civil Engineering
- Land Use Planning & Design
- Site Engineering
- Traffic Engineering
- Land Surveying
- Municipal Engineering
- Soils Investigation
- Traffic Impact Studies
- NJDOT Permitting
- Phase I Environmental Studies
- Permeability Testing
- Septic System Design
- Wetlands Delineation
- Global Positioning Surveying (GPS)
- Geographic Information Systems (GIS)
- Planning/Zoning Board Representation
- 3D Laser Scanning

Albert A. Fralinger, Jr., PE, PLS & PP  
J. Michael Fralinger, Sr. (1957-2009)  
Charles M. Fralinger, PLS  
Carl R. Gaskill, PE, PLS, PP & CME  
Stephen J. Nardelli, PE, PP, CME & CPWM  
Barry S. Jones, PLS & PP  
Guy M. DeFabrites, PLS & PP  
William J. Olbrich, PLS  
Matthew Baldino, PE, CME  
Corey R. Gaskill, PE, CME  
J. Michael Fralinger, Jr., PE, CME

January 21, 2021  
Revised February 12, 2021

Vineland Municipal Utility  
640 East Wood Street  
Vineland, NJ 08360

Attn: John Lillie, Director

Re: Extension of 8" Water Main along North East Avenue  
Civil Engineering Design, Construction Inspection, and Contract Administration Proposal  
City of Vineland, Cumberland County, New Jersey  
Our Project No. 30097.01

Dear Mr. Lillie,

Thank you for the opportunity to offer professional services for the above referenced project. Based on our site meeting, we shall perform the following:

**A. TOPOGRAPHIC SURVEY (East Wheat Road to East Forest Grove Road.**

We shall utilize the road topographic survey we prepared for the City of Vineland Engineering Department in 2020 covering a portion of North East Avenue from East Wheat Road to East Garden Road. We will perform a topographic survey for the remainder of North East Avenue from East Garden Road to East Forest Grove Road. We will extend the topographic survey 500' east and 500' west along East Forest Grove Road. We will utilize a road topographic survey we prepared for the Cumberland County Engineer's Office for the topography 500' east and 500' west along East Garden Road. Our topographic survey will extend to the right-of-way width of North East Avenue.

**LUMP SUM FEE (Item A).....\$29,000.00**

**B. CIVIL DESIGN AND TECHNICAL SPECIFICATIONS**

Based on the topographic survey, we shall prepare design construction plans for the extension of an 8" water main along North East Avenue from a point approximately 760' north of the intersection with East Wheat Road to East Forest Grove Road. The main will also extend approximately 50' west and 75' east with the intersection of East Garden Road and approximately 360' west and 500' east with the intersection of East Forest Grove Road (see attached map for limits of proposed water main). Our design plans will contain all construction details necessary for the installation of the proposed water main. We shall also prepare technical specifications to be used in the bid documents. It is my understanding the City of Vineland will prepare the

TO: VINELAND MUNICIPAL UTILITY  
RE: NORTHEAST AVENUE EXTENTION OF WATER MAIN

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bidding documents and bid the project. We will attend a pre-bid meeting (if necessary), attend bid opening, prepare bid summary and recommendation of award.

LUMP SUM FEE (Item B).....\$32,500.00\*

\*No service connections are part of the above lump sum fee, only the design of the 8" water main is included in this proposal.

No NJDEP permit work is included in this proposal. The stream crossing along North East Avenue will be done by directional drilling methods and any wetlands along the route will be avoided by installing the water main within the paved surface. If during the design process, an NJDEP permit cannot be avoided then we will submit a separate proposal for approval for this work before proceeding.

**C. SOIL EROSION/SEDIMENT CONTROL PLAN:**

Since the project will disturb an overall area greater than 5,000 square feet, approval from the Cumberland County Soil Conservation District will be required. We shall prepare said plan and application with the plan to indicate measures and details for control of sedimentation and erosion within the project site.

This plan shall be made part of the entire design plan set. **Application and inspection fees are the responsibility of the owner.**

LUMP SUM FEE (Item C).....\$1,500.00

**D. CONSTRUCTION ADMINISTRATION AND INSPECTION SERVICES:**

The scope of services shall include the administration and construction management portion of the project. This work shall include:

1. Attend pre-construction meeting.
2. Issue Notice to Proceed.
3. Perform full-time construction inspection during the installation of the water main.
4. Shop Drawing review.
5. Review and approve pay estimates by the Contractor.
6. Prepare final punchlist.
7. Prepare all final close out documents.

We will perform the above services on a time and materials basis according to the following rates:

Based on a 60-day Construction Schedule:

Construction Inspector – 320 hours at \$101.00/hour =	\$32,320.00
Professional Engineer – 160 hours at \$175.00/hour =	\$28,000.00
Clerical – 40 hours at \$50.00/hour =	<u>\$2,000.00</u>
<b>Total Estimated Budget (Item D)</b>	<b>\$62,320.00*</b>

**\*We will monitor our time and if we see that we are exceeding the estimated budget amount, we will provide you with an additional estimated budget for approval before proceeding.**



TO: VINELAND MUNICIPAL UTILITY

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RE: NORTHEAST AVENUE EXTENTION OF WATER MAIN

**E. AS-BUILT SURVEY (location of hydrants and valves):**

Once all construction has been completed, we will perform an as-built survey and locate the newly installed fire hydrants and water valves. In accordance to the City of Vineland Water Utility Infrastructure Installation and Material Specification, we provide all deliverables required under the section Post Construction Electronic Deliverables.

**LUMP SUM FEE (Item E).....\$4,500.00**

**F. PRINTS and MISC. EXPENSE BUDGET (reproduction, mailings/postage, etc.)**

Budget reproduction and other expenses for this project include: all prints (\$0.10/copy, \$5.00/24" by 36" sheet), postage, overnight mailings, certified mailings, will be invoiced at cost or the above listed charges.

**ESTIMATED BUDGET (Item F)..... \$1,000.00**

Should, during the course of our work certain conditions arise which warrant additional services and fees above those stated herein, then we will contact you before conducting such services and request your approval for the additional services and fees.

**We are prepared to begin work on this project immediately upon receipt of the executed Proposal.** Should this proposal be acceptable, please execute below and return one copy to this office and retain the other copy for your information and files.

Thank you for this opportunity to submit this proposal; we look forward to working with you on this project.

Very truly yours,

Stephen J. Nardelli, PE, PP, CME & CPWM  
Vice President  
FRALINGER ENGINEERING PA

SJN/le  
Enclosure

"I certify that on this \_\_\_\_\_ day of \_\_\_\_\_, 2021, I have the authority to execute this Contract on behalf of the Vineland Municipal Utility.

BY: \_\_\_\_\_ TITLE: \_\_\_\_\_

ATTEST/WITNESS: \_\_\_\_\_