

RESOLUTION NO. 2022-405

A RESOLUTION AUTHORIZING THE ISSUANCE OF AN AMENDATORY SUPPLEMENTAL CHANGE ORDER NO. 1, IN THE AMOUNT OF \$7,460.00 TO PROFESSIONAL SERVICES CONTRACT NO. C21-0023, PURCHASE ORDER NO. 21-01672 ISSUED TO FRALINGER ENGINEERING, BRIDGETON, NJ.

WHEREAS, the City Council of the City of Vineland, on February 23, 2021 adopted Resolution No. 2021-110, entitled “RESOLUTION AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICES AGREEMENT WITH FRALINGER ENGINEERING, BRIDGETON, NEW JERSEY, FOR THE EAST AVENUE WATER MAIN EXTENSION PROJECT”; and

WHEREAS, there exists a need to amend and supplement the Professional Services contract awarded to Fralinger Engineering, Bridgeton, NJ, for East Avenue Water Main Extension Project as authorized by Resolution No. 2021-110; said change order to Contract No. C21-0023, Purchase Order No. 21-01672 is necessary to provide for the increase in cost for services due to the delay in approval from the NJDEP to start the project; and

WHEREAS, the Chief Financial Officer has certified that funds for the amendment requested herein are available; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland as follows:

1. THAT Resolution No. 2021-110, entitled “RESOLUTION AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICES AGREEMENT WITH FRALINGER ENGINEERING, BRIDGETON, NEW JERSEY, FOR THE EAST AVENUE WATER MAIN EXTENSION PROJECT”; be and the same is hereby amended and supplemented to increase maximum amount of the contract by \$7,460.00.

2. THAT the Purchasing Agent be and the same is hereby authorized to issue an amendatory supplemental change order #1 to Contract No. C21-0023, Purchase Order No. 21-01672 in the amount of \$7,460.00.

Adopted:

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President of Council

ATTEST:

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City Clerk



September 20, 2022

REPORT

TO: THE MAYOR AND COUNCIL

RE: Amendatory Supplemental Change Order No. 1  
Contract No. C21-0023, Purchase Order No. 21-01672  
East Avenue Water Main Extension Project  
Fralinger Engineering, Bridgeton, NJ

Dear Mayor and Member of Council:

We are requesting an amendatory supplemental change order to Professional Services Contract No. C21-0023, Purchase Order No. 21-01672, issued to Fralinger Engineering, Bridgeton, NJ, for East Avenue Water Main Extension Project. This contract was authorized by Resolution No. 2022-48, adopted by City Council on February 8, 2022.

The change order requested in the amount of \$7,460.00 will provide for the increase in cost for services due to the delay in approval from the NJDEP to start the project. This change order will increase the original contract amount from \$130,820.00 to \$138,280.00.

The amendatory supplemental change order for which authorization is herein requested may be authorized in accordance with N.J.A.C. 5:34-4.1 et seq.

Sincerely,

Robert Dickenson  
Business Administrator

RD/wr



2021-110

RECEIVED  
AUG 19 2022  
CITY OF VINELAND  
PURCHASING DEPT.

REQUEST FOR CHANGE ORDER

FOR:

Fralinger Engineering

( 8-19-22 )

PROJECT NAME

TO: BUSINESS ADMINISTRATION

DEPARTMENT: Water Utility

FROM: John Lillie

RECEIVED  
SEP 12 2022  
CITY OF VINELAND  
BUSINESS ADMIN.

This is a request for change order # 1 to Contract # C21-0023 for:

Project Name Engineering Services for East Ave Water Main Extention

Name/Address of

Contractor: Fralinger Engineering 629 Shiloh Pike Bridgeton NJ 08302

The change order is necessary because: (use additional pages if necessary to explain your reason and you must attach \*documentation to support the necessity of this change order.)

\*(Documentation from contractor, engineer, etc.)

Increase in cost for services due to delay in approval from DEP to start project

Original Contract Amount:	\$ <u>130,820.00</u>
Amount of this change order:	\$ <u>7,460.00</u>
Previous Change Orders:	\$ <u>0</u>
Total Revised Amount:	\$ <u>138,280.00</u>

APPROVED BY: John Lillie  
Print/type

John Lillie  
Signature

**NOTE:**  
**CHANGE ORDERS CANNOT EXCEED 20% OF THE ORIGINAL CONTRACT AMOUNT**

Please provide the account number that the change order will be charged to:

Account # 1-05-55-512-9006-52000-E391-3

CC: Purchasing Division

*ba*

- FRALinger Engineering -  
 EAST Ave Water MAIN Extension  
 # C21-0023

CO #1  
 8-19-21

Construction, Administration, and Inspection Services  
 As- Build Survey  
 Prints and Misc Expense Budget

Previous Charges	New Charges	Charges	Additional Cost
\$ 62,320.00	\$ 66,280.00		\$ 3,960.00
\$ 4,500.00	\$ 7,500.00		\$ 3,000.00
\$ 1,000.00	\$ 1,500.00		\$ 500.00

\$ 7,460.00

See ATTACH:

- ① Quote for Previous Charges - Dated - 2-12-21
- ② Quote for New Charges - Dated - 8-16-22

"Change Order # 1 - Cost Comparison Sheet"



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- 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 ←  
"Previous Changes"

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

JANUARY 21, 2021  
Revised FEBRUARY 12, 2021  
PAGE 2

RE: NORTHEAST AVENUE EXTENTION OF WATER MAIN

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 =	\$2,000.00
<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  
RE: NORTHEAST AVENUE EXTENTION OF WATER MAIN

JANUARY 21, 2021  
Revised FEBRUARY 12, 2021  
PAGE 3

**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: \_\_\_\_\_



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NJDOT/NJDEP Permitting  
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Wetlands Delineation  
Planning/Zoning Board Representation  
3D Laser Scanning

January 21, 2021  
Revised February 12, 2021  
→ Revised August 16, 2022 ←

*New Charges*

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

JANUARY 21, 2021  
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TO: VINELAND MUNICIPAL UTILITY  
RE: NORTHEAST AVENUE EXTENTION OF WATER MAIN

JANUARY 21, 2021  
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Very truly yours,



Stephen J. Nardelli, PE, PP, CME & CPWM  
Vice President  
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SJN/le  
Enclosure

"I certify that on this \_\_\_\_\_ day of \_\_\_\_\_, 2022, I have the authority to execute this Contract on behalf of the Vineland Municipal Utility.

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

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