

RESOLUTION NO. 2023-255

A RESOLUTION AUTHORIZING A PROFESSIONAL SERVICES AGREEMENT WITH SARGENT & LUNDY LLC, CHICAGO, IL TO PROVIDE ENGINEERING SERVICE FOR THE 69kV TRANSMISSION LINE SYSTEM UPRATE – LiDAR DATA COLLECTIONS A AND B, IN AN AMOUNT NOT TO EXCEED \$99,500.00.

WHEREAS, the City Council of the City of Vineland has adopted Resolution No. 2023-37, a Resolution pre-qualifying certain firms to submit proposals for as needed Architectural and Engineering Services; and

WHEREAS, the City of Vineland has a need for Professional Engineering Services to Provide for the 69kV Transmission Line System Uprate – LiDAR Data Collections A and B; and

WHEREAS, the Director of Municipal Utilities has recommended that a contract for the required services be awarded to Sargent & Lundy LLC, Chicago, IL, for the contract period beginning June 1, 2023 through May 31, 2024, in accordance with Professional Services Contract No. C23-0016 and Sargent & Lundy’s proposal dated May 11, 2023, pursuant to a fair and open process; and

WHEREAS, this contract is awarded in an amount not to exceed \$99,500.00; and

WHEREAS, the availability of funds for said Professional Services Contract to be awarded herein have been certified by the Chief Financial Officer; and

WHEREAS, the Local Public Contract Law (N.J.S.A. 40A:11-1, et seq) requires that the Resolution authorizing the award of contract for Professional Services without competitive bidding and the contract itself must be available for public inspection.

1. NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Vineland that said contract for Professional Engineering Services to Provide the 69kV Transmission Line System Uprate – LiDAR Data Collections A and B be awarded to Sargent & Lundy LLC, Chicago, IL, for the contract period beginning June 1, 2023 through May 31, 2024, in accordance with Professional Services Contract No. C23-0016 and in accordance with proposal dated May 11, 2023, pursuant to a fair and open process, in an amount not to exceed \$99,500.00.

Adopted:

President of Council

ATTEST:

City Clerk



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

5/16/2023
(DATE)

1. Service (detailed description): Provide Engineering Service for the 69kV Transmission Line System Uprate - LiDAR Data Collections A and B

2. Amount to be Awarded: \$ 99,500.00

- Encumber Total Award
- Encumber by Supplemental Release

3. Amount Budgeted: \$ 200,000.00

4. Budgeted: By Ordinance No. _____
Or Grant: Title & Year _____

5. **Account Number to be Charged: 3-05-55-502-9000-53345 E923

6. Contract Period: 5/1/2023 - 5/31/2024

7. Date To Be Awarded: 6/13/2023

8. Recommended Vendor and Address: Sargent & Lundy LLC
55 East Monroe Street, Chicago, IL 60603

9. Justification for Vendor Recommendation:(attach additional information for Council review)
Prior knowledge and service with COV's 69kV line system

- Non-Fair & Open (Pay-to-Play documents required)
- Fair & Open: How was RFP advertised? C23-0016

10. Evaluation Performed by: T Dunmore

11. Approved by: *John Lulle*

12. Attachments:
 Awarding Proposal
 Other: _____

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

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

69kV Transmission Line LiDAR Data Collection



City of Vineland

Vineland Municipal Electric Utility

Proposal Prepared by

Sargent & Lundy

May 11, 2023

This S&L proposal contains proprietary information and data that is privileged and/or confidential. The information contained in this proposal is business sensitive and the discussion, review, or release of this information to individuals not directly employed by the proposal recipient is prohibited without S&L's written permission. This specifically includes but is not limited to subcontractors and consultants.

Michael "MJ" Levy, PE
Project Manager
Phone: (954) 5545-7269
Email: Michael.J.Levy@sargentlundy.com

May 11, 2023
SL-EGIS-COV-2023-001

Thomas Dunmore
City of Vineland – Vineland Municipal Electric Utility – Engineering
57 W Park Ave, Suite A
Vineland, NJ 08360

Subject: 69kV Transmission Line System Uprate – LiDAR Data Collection A

Mr. Dunmore,

Sargent & Lundy, L.L.C. (S&L) is pleased to submit this commercial proposal to the City of Vineland's Vineland Municipal Electric Utility (COV) to provide engineering services for the 69kV Transmission Line System Uprate Project LiDAR Data Collection

PROJECT SCOPE

The City of Vineland has requested engineering services from Sargent and Lundy to increase the capacity of its existing 69kV network. The standard conductor in the COV network is currently a 1113kcmil AAC wire, which achieves a rating of 143 MVA, or approximately 1200 Amps. In order to accommodate a new rating of 229 MVA (1914A) at 80% of the wires' rated capacity, each circuit in the system will be rebuilt as a bifurcated double circuit using the standard conductor and standard hardware. Existing COV standards will be modified to rebuild the circuits in a pole-for-pole fashion along the existing alignments.

This proposal is to provide engineering services for development of the following items:

1. Collection and processing of LiDAR Data, structure photographs, and Weather Data for the following transmission lines:
 - a. 0711 ACE Meter – Central North Sub (2.67 mi)
 - b. 0712 Central North Sub – G10 (0.51 mi)
 - c. 0761 Sherman Ave – West Vineland (3.28 mi)
 - d. 0764 Butler – Lincoln (1.70 mi)

Submittal Packages:

- Preliminary Package:
 - o PLS CADD Files with LiDAR (no T-Line modeling)
 - o Digital Ortho-photography
 - o Planimetrics in AutoCAD Format
 - o Oblique Structure Photos
 - o Weather Data

Assumptions and Clarifications

- COV will provide their existing specifications at project award, as applicable.
- S&L will generally setup and attend meetings virtually via MS Teams or similar platforms. If required by COV, S&L will attend meetings in-person.
- COV to provide standard insulator assemblies
- COV to provide standard framings to be modified to a double circuit configuration
- Wood poles or wood pole equivalent type steel poles will be used for the majority of the poles to be replaced. Select poles will be designed as custom poles as needed.
- The Central North – Central Tie structures and equipment will be compatible (Strength and fit) with a larger, or double bundled conductors.

QUALITY ASSURANCE

- S&L work shall be performed under S&L's Quality Assurance Program (ISO 9001 Certified), SL-QAP for non-safety related work. Industry standards and procedures shall also be followed as applicable.
- All applicable deliverables will be prepared under the supervision of a professional engineer registered in the State of New Jersey and deliverables issued for fabrication and/or construction will be sealed according to S&L General Engineering Guideline GEG-3100-02-NJ and/or in accordance with state law.

SCHEDULE

The proposed schedule for this project will be:

Task Name	Duration	Start	Finish
EOC Contract Award	1 day	Fri 5/19/23	Fri 5/19/23
Project Kick Off	0 days	Fri 5/19/23	Fri 5/19/23
LiDAR Data Collection	3 wks	Mon 5/22/23	Fri 6/9/23
LIDAR Data Delivery	5 wks	Mon 6/12/23	Fri 7/14/23

The above schedule assumes durations for outside stakeholder activities. S&L will work with the City of Vineland to adjust and maintain a schedule to issue IFC drawings are issued in a timely manner.

PROJECT TEAM / KEY PERSONNEL

This project will be executed from our Hamilton, NJ, Wilmington, DE and Elkridge, MD offices. S&L will staff this project as required to meet the project execution schedule. The following key members of the project team, led by Project Director, Jeremy Johnson; Project Manager, MJ Levy; and Project Engineer, Michael Simeone.

- Mr. **Jeremy Johnson, PE** will serve as the Project Director, overseeing project performance, including meeting schedule, budget adherence, a quality focus, and with zero safety incidents.
- Mr. **Michael "MJ" Levy, PE** will serve as the Project Manager, acting as the point of contact for any technical, schedule, or budget issues.
- **Survey and Mapping (SAM)** will be subcontracted to S&L to fly the line and collect LiDAR Data.

Resumes can be provided upon request.

GENERAL TERMS & CONDITIONS

S&L will perform the work our Engineering Services Contract C23-0016.

Scope of Work	Pricing	Contract/Payment Terms
LiDAR Data Collection & Processing	\$ 49,800	
Total	\$ 49,800	Lump Sum/Schedule Below

PAYMENT TERMS

Monthly payment schedule below for the Specification Lump Sum Pricing.

Month	Payment Schedule
May 2023	\$ -
June 2023	\$ 49,800
July 2023	\$ -
TOTAL	\$ 49,800

CONCLUSION

Please feel free to contact me at (954) 554-7269 if you should have any questions or require additional information on our proposal.

We appreciate the opportunity to serve City of Vineland and Vineland Municipal Electric Utility through this proposal for professional services.

Yours very truly,



MJ Levy
Project Manager

Copies (Via Email):
J. Johnson (S&L)

69kV Transmission Line LiDAR Data Collection



City of Vineland

Vineland Municipal Electric Utility

Proposal Prepared by

Sargent & Lundy

May 11, 2023

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Michael "MJ" Levy, PE
Project Manager
Phone: (954) 5545-7269
Email: Michael.J.Levy@sargentlundy.com

May 11, 2023
SL-EGIS-COV-2023-002

Thomas Dunmore
City of Vineland – Vineland Municipal Electric Utility – Engineering
57 W Park Ave, Suite A
Vineland, NJ 08360

Subject: 69kV Transmission Line System Uprate – LiDAR Data Collection B

Mr. Dunmore,

Sargent & Lundy, L.L.C. (S&L) is pleased to submit this commercial proposal to the City of Vineland's Vineland Municipal Electric Utility (COV) to provide engineering services for the 69kV Transmission Line System Uprate Project LiDAR Data Collection

PROJECT SCOPE

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This proposal is to provide engineering services for development of the following items:

1. Collection and processing of LiDAR Data, structure photographs, and Weather Data for the following transmission lines:
 - a. 0789 Butler – V.C.L.P. (2.41 mi)
 - b. 0778 Butler – Sherman (1.67 mi)
 - c. 0790 Butler – Central – V.L.C.P. (2.1 mi)
 - d. 0768 G-10 – West Vineland (0.94 mi)

Submittal Packages:

- Preliminary Package:
 - o PLS CADD Files with LiDAR (no T-Line modeling)
 - o Digital Ortho-photography
 - o Planimetrics in AutoCAD Format
 - o Oblique Structure Photos
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Assumptions and Clarifications

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Resumes can be provided upon request.

GENERAL TERMS & CONDITIONS

S&L will perform the work our Engineering Services Contract C23-0016.

Scope of Work	Pricing	Contract/Payment Terms
LiDAR Data Collection & Processing	\$ 46,640	
Contract Management/Administration	\$ 3,060	
Total	\$ 49,700	Lump Sum/Schedule Below

PAYMENT TERMS

Monthly payment schedule below for the Specification Lump Sum Pricing.

Month	Payment Schedule
May 2023	\$ -
June 2023	\$ 49,700
July 2023	\$ -
TOTAL	\$ 49,700

CONCLUSION

Please feel free to contact me at (954) 554-7269 if you should have any questions or require additional information on our proposal.

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Yours very truly,



MJ Levy
Project Manager

Copies (Via Email):
J. Johnson (S&L)