RESOLUTION NO. 2020- 478

A RESOLUTION AUTHORIZING AWARD OF A CONTRACT TO VIM TECHNOLOGIES, INC., GLEN BURNIE, MD, FOR CEMLINK 6 CONTINUOUS EMISSIONS MONITORING SYSTEM SOFTWARE UPGRADES FOR THE VINELAND MUNICIPAL ELECTRIC UTILITY.

WHEREAS, to have CEMS software consistency across the Trent 60 combustion turbines, the Vineland Municipal Electric Utility has a need to upgrade Unit 11 from CemLink version 5 to CemLink version 6 and make the necessary programming updates to the existing CemLink version 6 at Clayville; and

WHEREAS, the City of Vineland has a need to acquire such service as a Non-Fair and Open Contract pursuant to N.J.S.A. 19:44A-20.5; and

WHEREAS, the purchasing agent has determined and certified in writing that the value of said services will exceed $17,500.00; and

WHEREAS, the Director of the Municipal Electric Utility has recommended that a contract be awarded to VIM Technologies, Inc., Glen Burnie, MD, for CemLink 6 Continuous Emissions Monitoring System Software Upgrades, in an amount not to exceed $93,540.00; and

WHEREAS, VIM Technologies has completed and submitted a Business Entity Disclosure Certification for Non-Fair and Open Contract which certifies that VIM Technologies has not made any reportable contributions to a political or candidate committee in the City of Vineland in the previous one year and that the contract will prohibit VIM Technologies from making any reportable contributions through the term of the contract to a political or candidate committee in the City of Vineland; and

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

WHEREAS, the City of Vineland has certified that this meets the statute and regulations governing the award of said contracts.

NOW THEREFORE BE IT RESOLVED, by the Council of the City of Vineland that:

1. This contract is awarded without competitive bidding in accordance with 40A:11-5(1)(dd) of the Local Public Contracts Law for the provision or performance of goods or services for the support or maintenance of proprietary computer hardware and software, except that this provision shall not be utilized to acquire or upgrade non-proprietary hardware or to acquire or update non-proprietary software.

2. The Purchasing Agent be and the same is hereby authorized to issue contract to VIM Technologies, Inc., Glen Burnie, MD, for CemLink 6 Continuous Emissions Monitoring System Software Upgrades for the Vineland Municipal Electric Utility, in an amount not to exceed $93,540.00.

3. That the Business Disclosure Entity Certification, the Political Contribution Disclosure Form and the Determination of Value be placed on file with the Resolution.

4. Notice of this action shall be printed once in the Daily Journal.

Adopted:

_____
President of Council

ATTEST:

_____
City Clerk

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

November 6, 2020

(DATE)

1. Service (detailed description): CemLink 6 Continuous Emissions Monitoring System
   Software Upgrades

2. Amount to be Awarded: $ 93,540.00

   ☑ Encumber Total Award
   ☐ Encumber by Supplemental Release

3. Amount Budgeted: $ 95,000.00

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

5. **Account Number to be Charged: 0-05-55-502-9000-53345   E923

6. Contract Period: Approximately One Year

7. Date To Be Awarded: November 24, 2020

8. Recommended Vendor and Address: VIM Technologies, Inc., 6969 Aviation Blvd.,

   Suite G, Glen Burnie, MD 21061

9. Justification for Vendor Recommendation:(attach additional information for Council review)
   For CEMS software consistency across our Trent 60 combustion turbines, we are
   upgrading Unit 11 from CemLink version 5 to CemLink version 6. We are also
   making necessary programming updates to the existing CemLink version 6 at
   Clayville. The CemLink software is proprietary to VIM Technologies, Inc.

   ☑ Non-Fair & Open (Pay-to-Play documents required)
   ☐ Fair & Open: How was RFP advertised?_____

10. Evaluation Performed by: Jeff Davis

11. Approved by: _John Lille_ 11-10-2020

12. Attachments:

    ☑ Awarding Proposal
    ☐ Other: _____

- **Send copies to:**
  Purchasing Division
  Business Administration (BA)

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

CemLink6 Upgrade - Cost Breakdown

Proposal/Quote	Item	Cost	
Unit 11 CemLink6 Upgrade	Base Proposal	$	55,750.00
Unit 11 CemLink6 Upgrade	Allen Bradley Software License - OPTION	$	4,250.00
Unit 11 CemLink6 Upgrade	Witness Factory Test - OPTION	$	5,250.00
Unit 11 CemLink6 Upgrade	Factory Checkout Remote Support - OPTION	$	2,400.00
Unit 11 CemLink6 Upgrade	Additional Onsite Support (3 days) - OPTION	$	7,000.00
CemLink6 Reporting Changes	Remote Programming Changes	$	3,300.00
	SUBTOTAL	$	77,950.00
	Contingency (20%)	$	15,590.00
	TOTAL	$	**93,540.00**

VIM TECHNOLOGIES

ELECTRONIC QUOTATION

6960 Aviation Blvd. Suite G.
Glen Burnie, MD 21061
www.vimtechnologies.com

TO: VMEU - Vineland	REPLY TO: VIM Technologies, Inc.
211 NW Ave	6960 Aviation Blvd., Suite G
Vineland, NJ, 08360	Glen Burnie, MD 21061

PHONE: (856) 794-4000		ATTN: Order Entry Department
EMAIL: jdavis@vinelandcity.org		FAX: (410) 859-5457
		EMAIL: sales@vimtechnologies.com

ATTENTION: Jeff Davis		DATE: November 6, 2020
SUBJECT: Reporting Changes		QUOTE NO.: 20201106S2

We are pleased to submit this quotation for your consideration.

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
1	Programming and configuration changes to the Clayville CEMLink DAS to include: • Add a new parameter for Gas HI 75 (back calculate). See Unit 11. Keep existing HI 75 Gas. • Add new startup and shutdown lb/hr averages. • Add new startup and shutdown counts. (per year - 365-day rolling). • Add new excess emission evaluations and reports.	1-Lot	$3,300.00	$3,300.00
	Total Price			**$3,300.00**
	Notes: 1. Proposal applies to the listed scope of work only. 2. Changes will be installed remotely via internet/VPN connection. For questions regarding this proposal please contact: Angie Alexas by phone at (410) 859-5455 Ext 4011 or by email at angelita.alexas@vimtechnologies.com For order entry please submit to: sales@vimtechnologies.com			

ALL VIM TECHNOLOGIES, INC. QUOTATIONS ARE SUBJECT TO OUR STANDARD TERMS & CONDITIONS.

PRICES FIRM FOR: 60 DAYS
TERMS: NET 30 DAYS
DELIVERY: TBD

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PAYMENT SCHEDULE:
40% upon Order Placement
60% upon Completion of Work

1 of 1

Quoted By: Angie Alexas

THANK YOU FOR YOUR BUSINESS
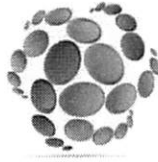
VIM
TECHNOLOGIES

BUDGETARY PROPOSAL
FOR
***CEMLINK 6* UPGRADE PROJECT**
FOR
VINELAND MUNICIPAL ELECTRIC UTILITY (VMEU)
VINELAND, NJ

(VIM Proposal 20200924P2CB)

Prepared For:

Jeffrey Davis
Vineland Municipal Electric Utility
57 W. Park Ave. – Suite A
Vineland, NJ 08362
jdavis@vinelandcity.org

Prepared By:

Angie Alexas
VIM Technologies, Inc.
6960 Aviation Blvd., Suite G
Glen Burnie, MD 21061

Approved By:

_____
Matt Caldwell
President

Tuesday, September 29, 2020

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Proposed System – Project Overview

The scope of work for the Vineland Municipal Electric Utility CEMS Upgrade Project calls for VIM Technologies, Inc. to provide the following:

- VIM Technologies, Inc. DAS Upgrade from *CEMLink 5* to the latest version of *CEMLink 6*.

- The existing Allen Bradley ControlLogix 1756-L61 CPU, discontinued since 2017, will be replaced with Allen Bradley CPU 1756-L71. The Base Bid assumes that the installation and wiring of the PLC is the responsibility of others and is not included in the DAS pricing.

- Vineland Municipal Electric Utility will provide the new DAS computer

- VIM Technologies, Inc. will include the SQL Server License needed to support the *CEMLink 6* upgrade.

- Vineland Municipal Electric Utility will provide the new Client Workstation.

- All the existing data validation and reporting requirements will be covered as part of the *CEMLink 6* Software migration. A copy of the latest Air Permit is required prior to finalization of the scope of supply to determine any changes to the data validation required to support compliance.

- VIM Technologies, Inc. will convert up to 5-years of Historical Data Conversion from the old database to the new database. The Historical Data Conversion will include 1-hour, 6-minute, and calibration data.

- Pricing includes site time for software installation, commissioning/startup, and training of the new Software System.

- All prices are budgetary until the final scope of supply is determined.

Proposed System – Scope of Supply

CEMLink 6 Upgrade General Overview:
VIM Technologies, Inc. will provide the following items as part of the _CEMLink 6_ DAS upgrade:

- 1-Allen Bradley ControlLogix CPU
- 1-Lot Programming & Configuration of the Allen Bradley ControlLogix CPU
- 1-SQL Server 2019 Software License
- _CEMLink™6_ Software License (installed on the DAS Server)
- _CEMLink™6_ Software for 40CFR Part 60 and the State of New Jersey regulatory requirements
- 1-Lot Standard 40CFR Part 60 Data Validation and Reporting Package
- 1-Lot Standard 40CFR Part 75 Data Validation and Reporting Package
- 1-Lot update VIM Standard Engineering & Design documentation
- 5-Years Historical Data Conversion (1-hour, 6-minute, and calibration data only)
- 4-Days Onsite Software Startup/Commissioning & Training

Allen Bradley ControlLogix CPU (by VIM):
The existing Allen Bradley ControlLogix 1756-L61 CPU, discontinued since 2017, will be replaced with Allen Bradley CPU 1756-L71. The Base Bid assumes that the installation and wiring of the PLC is the responsibility of others and is not included in the DAS pricing. The PLC hardware included in the Base Bid is as follows. There is 1-PLC on this project.

Qty	Part Number	Description
1	1756-L71	Processor 2011 Logix 5570 w/ 2MB Memory

Rockwell Automation Software License (existing):
VIM Technologies, Inc. will reuse VMEU's existing Allen Bradley Studio 5000 Standard Software License. The existing Allen Bradley Studio 5000 Standard Software License will reside on the DAS PC. If this license is not available, then a new license will have to be purchased to support this project. Please see pricing page for details.

General DAS Server Specifications (by VMEU):
VIM Technologies, Inc. requires the DAS Server with the following minimum specifications:
> Intel i7-8700CPU
> 16GB RAM
> RAID 1 Configuration with two 1TB Drives
> USB Enhanced Keyboard and Optical Mouse
> 23" Flat Panel Monitor
> External 1TB Backup Drive
> (2) Ethernet Ports
> Windows 10 Operating System
> Tower Configuration

SQL Server 2019 Software License (by VIM):
VIM Technologies, Inc. will supply the Microsoft SQL Server 2019 Software Licenses w/5-CALS. This license will be installed on the dedicated DAS computer.

Proposed System – Scope of Supply

Combustion Turbine Primary Analyzers:
The following analyzers are covered by the existing DAS System: 1-CEMS.

Primary Analyzers:
(1) Inlet sample stream monitoring NO_x, O_2 and CO
(1) Outlet sample stream monitoring NO_x, O_2, CO, and NH_3 NO_x

Process Signals Include:
Fuel Flow, Unit On, Unit Off, and others TBD

Standard Workstation w/Full Access Distributed Client configurations (by VMEU):
VIM Technologies, Inc. requires a Client Workstation with the following minimum specifications:
Intel i5-8500 CPU
8GB RAM
RAID 1 with two 1TB Drives
USB Enhanced Keyboard and Optical Mouse
23" Flat Panel LCD Monitor
(2) Ethernet Ports
Windows 10 Operating System
Tower Configuration

1st Quarterly XML EDR Submittals:
The Scope of Supply includes 1st Transition Quarter XML EDR Submittal following the *CEMLink 6* install – COMPAS remote support services.

Historical Data Conversion (by VIM):
The Base Bid includes Historical Data Conversion to convert up to 5-years, 1-hour, 6-minute, and calibration data leading up to the installation of the proposed DAS System. All data must be available to VIM in an uncorrupted, flat file type format (Excel or CSV format). VIM Technologies, Inc. will be responsible for exporting the Historical Data out of the existing system.

Field Services - Installation, Startup and Training (4-days)
(3) Days for onsite software installation, commissioning, and startup
(1) Day for operator training
(1) Field Mobilization

Proposed System – Technical Clarifications

Exceptions are clearly noted by an "E" in the first column. **Clarifications** that state interpretations or offer alternate / additional scope from what would normally be provided are marked with a "C".

General Clarifications

C	Startup Assistance & Training	VIM Technologies, Inc. has provided four (4) days of startup assistance, which includes three (3) days for startup/commissioning and one (1) day operator training. VIM Technologies strongly recommends that time is taken to assure that the CEM monitoring system is fully functional prior to VIM's arrival. Client will be charged VIM's standard on-site rate for additional startup assistance due to delay's outside of VIM's control. Additional on-site time is available at the prevailing rates.
C	System Controller (PLC)	The existing Allen Bradley ControlLogix 1756-L61 CPU, discontinued since 2017, will be replaced with Allen Bradley CPU 1756-L71.
C	DAS Server	*CEMLink 6* software will be installed on the DAS PC provided by VMEU. Software installation will be a collaborative effort between VIM and VMEU.
C	Air Compliance	All the data validation and reporting requirements of 40CFR Part 60, 40CFR Part 75 and the State of New Jersey regulatory requirements will be covered as part of the Software migration. Please note the DAS provides the data required to meet the NJDEP EER but not automatic formatting and generation of EER Report.
C	Warranty	Software Upgrades carry a 90-day warranty. Hardware upgrades carry a 12-month warranty.
C	Field Services	All field service pricing includes travel time, labor, and travel & living expenses VMEU is responsible for any cancellation and/or change fees associated with travel changes once the schedule has been set.
C	Commercial	Shipping to be pre-paid and added.
C	Terms & Conditions	Standard VIM Technologies Terms & Conditions apply unless otherwise negotiated with VMEU. All pricing is considered budgetary until the final scope of supply is defined. Budgetary pricing is +/-10%. Order Entry: Please send Purchase Order to: sales@vimtechnologies.com

Proposed System – Pricing

Base Bid Pricing:

Replacement DAS System for VMEU includes:

- 1-Allen Bradley ControlLogix CPU
- 1-Lot Allen Bradley ControlLogix programming
- 1-Lot IT Support for Configuration of Customer Supplied DAS Server
- 1-*CEMLink™6* Software License
- 1-Microsoft SQL Server 2019 Software License
- 1-Lot *CEMLink™ 6* DAS Software Package
- 1-Lot Standard 40CFR Part 60 Data Validation & Reporting Package
- 1-Lot Standard 40CFR Part 75 Data Validation & Reporting Package (includes XML EDR)
- 1-Lot VIM Standard NJDEP Data Validation & Report Configuration[1]
- 1-Lot 1st Transition Quarter XML EDR Submittal – COMPAS remote support services
- 1-Lot Historical Data Conversion (5-years, 1-hour, 6-minute, and calibration data)
- 1-Lot Updated Project Documents
- 2-Copies *CEMLink™ 6* User Manual
- 4-Days On-site Software Startup/Commissioning & Training[2]

Total Project	**$55,750.00[3]**

Specified Options:

SO1.	Allen Bradley RSLogix 5000 Standard Software License (if needed)	$ 4,250.00
SO2.	2-Days Customer Witnessed Factory Test at Glen Burnie, MD	$ 5,250.00[4]
SO3.	1-Lot Remote Support of CEMS/DAS pre-shipping Factory Checkout (16-hours max)[5]	$ 2,400.00

Standard Options:

1.	Additional On-Site Startup Assistance (portal to portal travel time is $75.00/hour)	$1,200.00/day plus portal to portal travel expenses at actual cost plus 5%.

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[1] Provides data for NJDEP EER but not automatic formatting and generation of EER Electronic Reports
[2] This includes onsite services plus portal-to-portal travel & living expenses for 4 days
[3] Shipping is pre-paid and added
[4] This includes onsite services plus portal-to-portal travel & living expenses for 2 days
[5] Customer to provide high speed, VPN type connection for remote support during Factory Check out of the CEMS/DAS System.

Proposed System – Terms & Conditions/Performance Guarantees/Warranty

Terms and Conditions

All above prices are guaranteed for ninety (90) days from the date of this proposal.
Typical Delivery: 12-14 Weeks ARO (actual delivery based on shop load at the time of order)

VIM Technologies will require the following payment schedule:
40% - ARO
50% - System Delivery
10% - System Startup

Payment Terms: Net 30 days.

Order Entry:
Please send Purchase Order to: sales@vimtechnologies.com

ALL VIM TECHNOLOGIES, INC. PROPOSALS ARE SUBJECT TO OUR STANDARD TERMS & CONDITIONS.

Hardware

All hardware comes with a standard one-year warranty. Any hardware that fails within one year will be replaced at no charge. After the first year, any hardware that fails will be repaired/replaced and the customer will be invoiced for the cost of that repair/replacement, including any necessary field service charges.

VIM Technologies, Inc. is not responsible for damages on the hardware if any of the problems that result directly or indirectly from the following:

- External causes such as accident, abuse, misuse or problems with electrical power or environmental damage.
- Servicing not authorized by the Manufacturer.
- Usage that is not in accordance with product instructions.
- Failure to follow the product instructions or failure to perform preventive maintenance.
- Using accessories, parts or components not supplied by the Manufacturer.
- Commercial hardware products that use, or in which have been installed, products or components that have not been provided by the Manufacturer.
- Products with missing or altered service tags or serial numbers.
- Normal wear and tear.

Warranty
Hardware warranty is 18-months from shipment or 12-months from start-up whichever occurs first
Software warranty is 90-days from start-up – not to exceed 180-days from shipment