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CITY OF VINELAND
BUSINESS ADMIN.

CITY OF VINELAND
DEPARTMENTAL REQUEST FOR PUBLIC BIDDING

1. NATURE OF REQUEST: SCADA System Replacement Specification

2. ENGINEER'S ESTIMATE: $1,017,000.00*
(If Engineer's Estimate has been prepared by anyone other than the person signing this form, please attach a copy of said Engineer's Estimate.)

3. AMOUNT BUDGETED FOR THIS REQUESTED ITEM: $1,200,000.00

4. BUDGETED ITEM: YES ☐ NO ☑
(If no, is it an ordinance authorized material, service or supply?)
YES ☑ NO ☐ ORDINANCE NO.: 2009-60

(B) Please identify the page number and line item appropriation sub-account:
Budget Page No. _____ Account No. 022-0-00-00-0000-2-7511400

5. Check here if:
Federal Funds ☐ State Funds ☐
UEZ Funds ☐ Davis Bacon Requirements ☐
(If any of the above are checked, the project must be monitored by the department for compliance with prevailing wage rate policy and procedures.)

6. Date to be Advertised: 2/25/14

7. Date to be Received: 4/8/14

8. Date to be Awarded: 5/13/14

9. Special Conditions or Instructions: Appendix 5 and 6 must be returned with bid, else it will be rejected.
pre-bid meeting: 3/11/14, 2PM Prevailing time

10. The following must be attached:
Summary of Project ☑
Specifications ☑
Plans (if applicable) ☑
Bidders Mailing List (with emails of the vendor) ☑

11. Specifications Prepared by: T. Dunmore, Senior Engineer, X4291
(NAME, TITLE AND EXTENSION NUMBER)

12. Approved by: _____
SIGNATURE (DIRECTOR, DEPARTMENT HEAD, SUPERVISOR)

Send copies to:
Purchasing Department
Business Administration

Revised 3-26-13

Vineland Municipal Electric Utility
VMEU SCADA System Replacement Specification Executive Summary

Scope of Work Summary

This full turnkey specification is for all of the final engineering, supply, installation, and integration of a fully functional and performance tested Supervisory Control And Data Acquisition system (SCADA system), that is open protocol dependent, secure, compliant with NERC security standards, and redundant. The new SCADA system will be furnished of new and unused parts only, and will allow information gathering as well as control to all of VMEU's current substations, generation stations, and future sub stations and generators.

Related Projects affected

This project will directly affect the operation of all generators, and all system equipment at sub-transmission voltages. Upon this projects completion, VMEU will have in place the infrastructure to properly and securely share system its critical system information with PJM Interconnection, as well as Atlantic City Electric/PHI. This projects completion will also increase system reliability, compatibility, and security by providing real time telemetry at the substation level, and allow for future reliability related upgrades to substations to be completed. Finally, this project will better VMEU's ability to gather and study information related to renewable energy sources such as solar arrays.

Engineer's Estimate

See Attached.