



Purchasing and Central Services

Monroe County, New York

Maggie Brooks
County Executive

Dawn C. Staub
Purchasing Manager

ADDENDUM NO: 2

RFP PROJECT: VanLare Treatment Plant Power Factor Correction
Energy Cost Reduction Plan for the Department of
Environmental Services (DES)

DATE: February 17, 2012

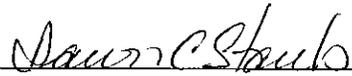
PROPOSERS PLEASE NOTE:

Attached please find the following:

1. Request for Proposals (RFP) Clarifying Questions and Answers

SIGN this Addendum below acknowledging receipt and understanding and INSERT in PROPOSAL packet.

PURCHASING & CENTRAL SERVICES



Dawn C. Staub

The undersigned bidder acknowledges receipt and understanding of Addendum No. 2 to the RFP for VanLare Treatment Plant Power Factor Correction Energy Cost Reduction Plan for the Department of Environmental Services (DES).

_____, 2012
Date

Name of Company

Authorized Signature

Title

RFP CLARIFYING QUESTIONS AND ANSWERS

**VANLARE TREATMENT PLANT POWER FACTOR CORRECTION ENERGY COST
REDUCTION PLAN**

Q1. Is there an accurate single-line diagram and if so when will it be available?

A1. There is an overall single line diagram of the plants distribution system that will be available as of Wednesday, February 22, 2012, at Monroe County Division of Purchasing and Central Services, 39 West Main Street, Room 200, Rochester, NY, 14614.

Q2. What are plans to add large HP motors and where within the plant, over the proposed 3-year contract period?

A2. There are no plans to add large HP motors. Over the next three (3) years, the main project at the plant will be the reduction of installed horsepower by replacing the mechanical aerators with a fine bubble diffusion blower system. The net result is intended to reduce Installed Horsepower from 9000 horsepower (hp) to 4200hp.

Q3. What is the maximum and minimum power factor for the facility?

A3. Power factor varies anywhere from .7 to .88 depending on loading.

Q4. Can we get a copy of the energy audit performed by C.J. Brown Energy, P.C.?

A4. The energy audit will be available to the selected Respondent.

Q5. Are there plans to install any VFD n any large motors during the duration of this contract for the initial contract term and the two option years?

A5. Each of the new 350hp turbo blowers as part of the aeration project will have Variable Speed Drives.

Q6. Please provide the loads for the facility support buildings.

A6.

Facility Support Buildings					
	Quantity	Equipment Process Name	Equipment Type	Electrical Loading	VFD part of process
	2	Admin Bldg 60ton Chiller	motor/compressor	60 HP	no
	1	HVAC Admin Bldg Aux Loading	motor loading	60 HP Combined	no
	1	Admin Bldg Aux Loading	motor loading	25 HP Combined	no
	1	Mechanical Bldg Aux Loading	motor loading	25 HP Combined	no
	1	Plantwide Area Lighting	lighting load	60KW/80HP	no

Q7. Please clarify the type of contract performance contract or design build contract the County is seeking.

A7. The County intends to enter into a Performance Contract as a result of this RFP.

Q8. What is the current rate structure for this facility?

A8. The rate structure at FEV is Profile 805. This is Service Class 8, Sub transmission, Commercial account.

Q9. Can we have a copy of several utility bills for this facility?

A9. Please see Addendum #1, released February 10, 2012, which contained one full year of billing data.

Q10. Are any of the existing MCC to be replaced?

A10. Master Control Consoles (MCC) in the Primaries (East and West) will be replaced in the next two years, while MCC's for the aeration system will be replaced in the next 3 years.

Q11. What is the plant capacity and normal flow capacity during peak and nonpeak periods?

A11. Normal flow is 95 million gallons per day (MGD) with conventional treatment; 135 MGD maximum with conventional treatment flow; hydraulic peak flow is 600MGD.

Q12. Will you provide nameplate data for equipment list in Appendix B?

A12. The nameplate data will be available to the selected Respondent.

Q13. What power factor correction equipment is currently installed the plant and where?

A13. Power factor correction equipment was initially installed on the centrifuges but since has been disconnected because it was causing equipment failure (noise and harmonics).

Q14. What is the dollar value of this contract?

A14. Contract value will be determined by the energy conservation measures and financing proposed.