

GESI—Global Environmental Solutions Inc.

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Waste Material Questions:

1. Describe the waste material that is being considered.
2. What is the monthly total, in tons, of the waste material?
3. Does the waste material disposal have seasonal peaks and valleys? If so what is the amount of change?
4. Is the material considered hazardous or toxic by the local and state regulators?
5. What is the calorific value of the material, if known?
6. Are lab reports available that define the composition of the waste material? If so please provide one or more as supporting material.
7. What is the moisture content of the material?
8. What is the average and minimum and maximum size of the material?
9. How is the material currently being disposed of?
10. Does the client receive any revenue from disposing of the material? If so what is that amount, by ton.
11. What are the disposal costs, by ton?
 - Treatment costs, if required?
 - Transport costs, per ton?
 - Tipping fees, per ton?
12. What changes are foreseen over the next 5 to 10 years in the volume and/or composition of the waste material, e.g. increase or decrease?
13. What changes are expected in any federal, state or local environmental changes that will impact this industry or the specific operation?

Electrical Power Usage Questions:

1. Is there an interested in using the electricity generated from the Waste-to-Energy system to potentially reduce electricity costs? If so, provide copies of the last 12 months billing statements.

2. What is the average monthly electrical usage, in kW, for the facility?
3. What is the average monthly cost of electricity for the facility?
4. What are the daily and seasonal variation in electricity usage?

Natural Gas Usage Questions:

1. How is natural gas used in the operation?
2. On the average how many natural gas therms are used per month?
3. On the average what is the cost per therm?

Hours of Operation:

1. What are your hours per day and days per year of operation? Are you closed for any period of the year?

General Questions:

1. What are your requirements for heat or cooling in either the manufacturing process or the facility?
2. Is space available to install a system? (approximately 8,000 to 10,000 sq ft per 25 ton/day of material).
3. What would be your interest in the Waste-to-Energy system?
 - Own and operate the system
 - Lease and operate the system
 - Participate in a joint venture project and share in the profit
 - Out source the disposal of the waste material
 - Purchase electrical power at favorable pricing generated by the systems
 - Purchase off-heat at favorable pricing from the system for use as heating and/or cooling
 - Use produce gas for existing or future processes?
4. Provide any comments that may impact the feasibility of this opportunity.
5. Provide primary contact name, title and phone numbers with email address.
Provide any contacts names and phone numbers and email addresses which may aid us in any area you think may help complete this study.

Note: This information will be used only for record keeping associated with this feasibility assessment and the response to these question will be kept confidential within GESI.