# Request for Information

# Corporate Waste Producers

## **Overview**

Bioenergy DevCo (BDC) is a global developer of anaerobic digestion facilities that naturally turn organic waste, that would otherwise be headed for already crowded landfills or incineration, into truly renewable natural gas (RNG) and healthy soil amendment. As the first company to take this innovation to commercial scale in the United States, BDC finances, builds and operates these facilities working hand-in-glove with largescale corporate waste producers facing challenges with managing the ever-rising costs of organic waste disposal. Using anaerobic digestion, companies can cost-effectively manage their waste disposal while achieving sustainability objectives and generating a consistent supply of carbon-negative energy.

## **Instructions: About this RFI**

This Request for Information serves as a living document that allows our team to clearly understand the requirements surrounding each prospective project. Not all questions within this RFI may be relevant for your submission, nor is this document considered an exhaustive list of necessary information. The details you do provide help bring the project to life and help determine how we can create a mutually beneficial project within your community. Please be as thorough and descriptive as possible and add content as necessary.

Bioenergy DevCo invites you to submit a response to this Request for Information (“RFI”) independently or in conjunction with your metropolitan area, county, or township. BDC is performing competitive site selection processes for waste-to-energy anaerobic digestors in North America. The RFI may contain multiple real estate sites in more than one jurisdiction and may be submitted with additional information provided by natural gas utilities or power providers.

Collaborating with Bioenergy DevCo is an investment in the long-term health and sustainability of your business and your community. For companies across the United States looking to tackle zero waste targets and increase clean energy production, this worksheet serves as a comprehensive guide designed to facilitate future collaboration with BDC, aggregating information necessary to shepherd a possible economic development investment and a future local project from inception to construction.

Completed forms and any questions regarding the information or items requested in this document can be submitted to [**info@bioenergydevco.com**](mailto:info@bioenergydevco.com)

## **I. COntact Information**

Please provide your company and contact information below and list any additional partners that you’re collaborating with for this application (e.g. utilities, government agencies or departments, other corporate stakeholders, etc.) if applicable.

|  |  |
| --- | --- |
| Company Name |  |
| First Name |  |
| Last Name |  |
| Job Title |  |
| Email |  |
| Phone Number |  |
| Company Headquarters Address |  |
| Partners / Collaborators |  |

## **II. Proposed Site: location Information**

Please provide site information below. An ideal site for the finance, build and operations of a commercial scale anaerobic digester is approximately 5 acres or more, near a highway, gas lines, electric, sewer, and is appropriately zoned. Note: For any additional sites, please fill out a separate version of this document.

|  |  |
| --- | --- |
| Address or Location Description |  |
| Property Owner |  |
| Total Land Available (Acres) |  |
| Estimated Usable Land (Acres) |  |

Please describe the possible financial structure surrounding land use (e.g. purchase, lease, option terms).

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Please describe the permitting process and any associated challenges surrounding the potential site. For projects of this scale, typical permits include air, odor, noise, wastewater, waste processing, construction, and zoning. Also include a timetable for incentive approvals at the state/province and local levels, including any legislative approvals that may be required.

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Are there any site accessibility challenges? (e.g. improvements needed to highways, ports, railways, etc.).

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Please describe the utilities located on or near the site (e.g. water, sewer, electrical, natural gas, fiber optic/telephone, rail/rail siding infrastructure).

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Please explain if any local labor union requirements factor into the construction of this project.

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Please list any possible uses for the anaerobic digestion byproduct digestate – an organic soil amendment similar to compost (but odorless) that can be applied to soil to replenish nutrients for growing crops, landscaping, etc.

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## **III. Feedstock / Waste**

Please provide a description of waste including as much detail as possible describing: type, source, quantity (cakes, liquids), total estimated solids, and additives such as polymers, and any contaminants/sludge etc.

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| --- | --- |
| Type |  |
| Source/  Feedstock Provider |  |
| Quantity  (Ideally several thousand tons per year) |  |
| Other |  |
| Contaminants  (i.e. Is your waste combined with paper and plastics?) |  |

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| --- | --- |
| Notes |  |

## **IV. Disposal Methods**

Please provide a description of your disposal method(s) including disposal costs, use cases (e.g. land application), and associated challenges or concerns. Please list any operational inefficiencies you may be experiencing.

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| --- | --- |
| Disposal Costs (Includes tipping fees) |  |
| Use Cases |  |
| Challenges  (i.e. land applications, accepted contamination) |  |

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| Notes |  |

## **V. Waste TRANSPORTATION**

Please provide a description of your transportation logistics including transportation costs, container descriptions, compactors, lagoons, etc.

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| --- | --- |
| Transportation Costs |  |
| Container Descriptions |  |
| Gate Fees/Others |  |

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| --- | --- |
| Notes |  |

## **VI. Energy USE**

Please provide a description of your energy consumption including electricity, renewable natural gas usages, propane, and thermal / boiler use.

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| --- | --- |
| Electricity |  |
| Renewable Natural Gas Usage |  |
| Propane |  |
| Thermal / Boiler |  |

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| --- | --- |
| Notes |  |

## **VII. DOCUMENTationS**

In addition to the responses above, please provide the following documents:

5 month billing cycle for all utilities

5 month billing cycle for waste disposal

## **VIII. OTHER**

Is there anything else you would like to share?

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| --- | --- |
| Notes |  |

## **Conclusion**

Thank you for completing this initial request for information. Bioenergy DevCo welcomes the opportunity to work with companies in meeting the challenges of waste management and local renewable energy generation. Join us in the clean energy and organics revolution and leverage the economic benefit of truly utility-scale renewable natural gas and sustainable waste processing!