Blue Systems W2E Facility Deployment Application

Standard Modular Infrastructure Solution

Capital Expenditure: USD$11,000,000

Overview & Instructions

This application document is designed for municipalities, infrastructure developers, and strategic partners applying for the deployment of a standard Blue Systems Waste-to-Energy (W2E) modular plant. The baseline capital expenditure (CAPEX) for this turnkey deployment is USD$11,000,000.

Completion of this form initiates the technical due diligence, site feasibility analysis, engineering review, and Special Purpose Vehicle (SPV) tokenization structuring process.

Section 1: Applicant Entity & Corporate Profile

- **Legal Entity Name:** _____
- **Entity Classification:** [ ] Municipality [ ] Private Corporation [ ] Public-Private Partnership (PPP) [ ] Other
- **Country of Registration / Jurisdiction:** _____
- **Registered Corporate Address:** _____
- **Primary Authorized Representative:** _____
- **Title / Designation:** _____
- **Official Email Address:** _____
- **Direct Telephone Number:** _____

Section 2: Intended Project Location & Site Specifications

Please specify the exact geographical location and physical attributes of the proposed deployment site.

- **Country / Territory:** _____
- **State / Province / Region:** _____
- **City / Municipality / District:** _____
- **Specific Site Address or Parcel ID:** _____
- **Geographical Coordinates (Latitude / Longitude):** _____
- **Site Land Status:** [ ] Owned [ ] Long-Term Leased [ ] Municipal Allocation / Granted
- **Available Plot Area (Hectares or m^2):** _____
- **Proximity to Electrical Grid Connection (Distance in km):** _____
- **Proximity to Municipal Solid Waste (MSW) Source / Landfill:** _____

Section 3: Feedstock & Technical Requirements

The standard USD$11,000,000 Blue Systems W2E deployment tier is engineered to process between 50 and 150 tonnes of municipal solid waste (MSW), agricultural biomass, or non-recyclable plastics daily, converting carbonaceous material via zero-flame steam reforming into GreenSynGas, hydrogen, mineral fertilizer, and clean water.

- **Estimated Daily Feedstock Volume (Tonnes/Day):** _____
- **Primary Feedstock Composition (% breakdown):**
  - Municipal Solid Waste (MSW): _____%
  - Non-Recyclable Plastics: _____%
  - Biomass / Agricultural Waste: _____%
  - Other (specify): _____%
- **Expected Power Output / Energy Offtake Requirements:** _____
- **Integration of Tokenized SPV & Yield Distribution:** [ ] Yes [ ] Under Review

Section 4: Financial Capacity & Letter of Credit (LC) Declaration

To secure equipment allocation, engineering resources, and priority manufacturing slots for the USD$11,000,000 W2E facility, applicants must demonstrate verified **financial capability.**

Mandatory Financial Declaration

*"I/We, the undersigned authorized representative(s) of the applicant entity, hereby formally declare, warrant, and confirm that our organization possesses the financial backing, institutional relationships, and creditworthiness required to issue, present, and maintain a binding **Bank Letter of Credit (LC)**—or an equivalent mutually agreed financial instrument—to fully cover the total Capital Expenditure (CAPEX) of USD*$11,000,000 *for the deployment of the Blue Systems W2E facility.*

We understand that formal verification and SWIFT/bank-to-bank confirmation of this financial instrument will be required during the underwriting and contracting phase following application approval. Furthermore, we acknowledge our intent to cooperate with tokenized Special Purpose Vehicle (SPV) structures designed to manage project cash flows, carbon credits, and digital yield distribution transparently on-chain."

- **Authorized Signatory Name:** _____
- **Official Title:** _____
- **Issuing Financial Institution / Bank Name:** _____
- **Bank Branch & Country:** _____
- **Signature:** _____
- **Date:** _____

Section 5: Required Supporting Documentation

Please ensure the following preliminary exhibits are attached with your submission:

1. Proof of site control (property title, lease agreement, or municipal MOU).
2. Preliminary waste characterization or local tipping report.
3. Provision of an irrevocable Letter of Credit (LC) for USD **$11,000,000**, issued by a premier financial institution upon contract execution. To fully safeguard the client's interests, this LC remains dormant and is strictly non-payable until the plant has been fully commissioned, successfully tested, and verified to meet all guaranteed performance specifications.

Please submit this completed and signed document to the Blue Systems deployment committee for formal review.

For more details, please contact the following person:

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Website: https://quettil.com/blue-systems#solution