Questionnaire about Gasifier

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| Contact Information | |
| Contact Person |  |
| WhatsApp |  |
| Email |  |
| Company |  |
| Industry / Business Scope |  |
| Website |  |
| Part 1: Feedstock/Raw Material | |
| Name of /Biomass/MSW |  |
| In the case of MSW, please kindly provide the type and composition of waste (%) |  |
| Picture of the Feedstock  (Please attach it to the questionnaire) |  |
| Size/Granularity (Minimum to Maximum) |  |
| Moisture Content (%) |  |
| Daily Supply Quantity (Tons) |  |
| Purchase Price of Biomass/MSW (USD/ton) |  |
| Fuel Industrial Analysis Report  (Please note this is required to calculate accurate data for your solution, example as below) | (Please attach it to the questionnaire if you already have one) |
| Test | Results |
| Moisture Content, % |  |
| Gross Calorific Value, kcal/kg |  |
| Volatile Matter |  |
| Fixed Carbon |  |
| Bulk Density, kg/m3 |  |
| Potassium, % |  |
| Ash Content, % |  |

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| Part 2: Solution Design | |
| Project Objective |  |
| Is it a new project or a modification of existing equipment? |  |
| Types, prices and consumption of fuel used by existing equipment |  |
| Machine operates 24/7 or 8 hours per day? |  |
| Crusher  (Do you have one that can reduce size/diameter of the feedstock to suitable size?) |  |
| Dryer  (Do you have one that can dry the feedstock to a humidity of ≤15%?) |  |
| **Dust Removal Equipment**  (Do you have one for your existing equipment ? May I know the capacity of dust removal equipment?) |  |
| Usage of this gasifier: to dock with the boiler or dryer or other purpose? |  |
| A If docked with the boiler | |
| What’s type of boiler ? |  |
| Steam Working Pressure of the Boiler |  |
| Steam Temperature of the Boiler |  |
| Size of Your Boiler Room |  |
| Capacity/Power of Your Boiler |  |
| B If docked with the dryer | |
| What’s the required heating value?(Kcal/hr) |  |
| Temperature of Hot Air for Your Dryer |  |
| Part 3: Project Site Info | |
| Country |  |
| Project Address |  |
| Average Relative Humidity |  |
| Average Temperature (degree Celsius) |  |
| Altitude (m) |  |
| Atmospheric Pressure (mmHg) |  |
| Area Available for the Gasifier (m2) |  |
| Constructions within 50 meters radius around  (e.g. School / Hospital / Industrial Area etc.) |  |
| Distance to the outer power supply (m) |  |
| Power Supply Voltage |  |
| Power Supply Frequency (Hz) |  |
| Local industrial electricity power Phase |  |
| Local Electricity Rate for Industrial Use (USD/KWh) |  |

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| Part 4: Project Planning | |
| Estimated Project Start Time |  |
| Stage of Project at Present |  |
| Project Finance (e.g. Invested/self-financing/loan) |  |
| Are you the end-user (buyer) or agent? |  |
| Have you obtained the approval of the government or the relevant business? |  |
| Do you have any other requirements about this gasifier? |  |