**THERMAL DECOMPOSITION PLANT (TDP)**

**QUESTIONNAIRE**

*Fields with values not known at the moment to be left empty*

|  |  |  |
| --- | --- | --- |
|  | **Date** |  |
| **1. Customer General Information** |
| **1.1** | Customer Name (company, location, contacts) |  |
| **1.2** | Customer Project Manager information (contacts) |  |
| **1.3** | Short description of the site of UTD intended installation. Climatic conditions, geographical location |  |
| **1.4** | Dimensions, area of the required plant model in square meters |  |
| **1.5** | Networks at the site:- electric power- water supply- sewerage |  |
| **2. Intended use of Thermal Decomposition Plant**  |
| **2.1** | **Output/Product** | *Check all that apply* |
| Describe the product expected from the process:  |  |
| Natural gas |  |
| Product similar to crude oil |  |
|  Diesel/gasoline mix/electricity\*\* subject to provide an additional equipment |  |
| **Other (specify)** |
| Describe state of the final product once it comes out of the Plant: |
| It should be ready to use by a consumer and needs no further refining |  |
| Product needs further refining by a third party |  |
| **2.2** | **Scope of the order** | *Check all that apply* |
| Turn-key plant construction |  |
| TDP plant + optional equipment: power generator, separation column /mini refinery plant |  |
| **3. Feedstock/waste characteristics** |
| **3.1** | **Feedstock/waste** | Value |
| Source of feedstock/waste |  |
| Volume and generation rates of feedstock/waste |  |
| Feedstock/waste content (main fraction), type (solid, liquid, pasty, sludge), size |  |
| Chemical Composition (hydrocarbon, water, solid residues) |  |
| Generation of feedstock/waste (tons per day, tons per year) |  |
| What is the method of waste handling at present |  |
| **4. Process design** |
| **4.1** | Annual operation: days per year, days per month |  |
| **4.2** | Location: building, open air, construction required |  |
| **5. Additional Information** |
| **5.1** | Laboratory testing data of feedstock/waste: amounts of hydrocarbons, water, solid residue and other tests. |

Signature / / Print Full Name