**TRANSPARENT ENERGY SYSTEMS PVT.LTD.,**

"Pushpa Heights", 1st Floor, Bibwewadi Corner, Pune 411 037.

Phone No.: 7420038686

Email:- [info@tespl.com](mailto:info@tespl.com) ; [projectsales@tespl.com](mailto:projectsales@tespl.com) ;

Website : [www.tespl.com](http://www.tespl.com)

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**ENQUIRY FORM FOR BIOMETHANATION PLANT**

* **Contact Information:**
* Customer Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Address : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Telephone No. : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fax No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* E-mail address : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Cell phone No. : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **BIO-WASTE DETAILS AVAILABLE:**
2. **Waste type** = Cow dung/Animal dung/Kitchen waste/Dairy Waste:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. Biodegradable waste available = \_\_\_\_\_\_\_ Ton/day
   2. Dry Matter = \_\_\_\_\_\_\_ %
   3. Organic Dry Matter = \_\_\_\_\_\_%
   4. Moisture = \_\_\_\_\_\_\_\_%
   5. Chemicals (if any) please mention along with %
3. \_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_
7. **LANDED UTILITY COST:**

a) Power cost : \_\_\_\_\_\_\_Rs/Unit (KWH)

b) Raw water cost : \_\_\_\_\_\_\_Rs/m3

c) Current fuel used (if any) : \_\_\_\_\_\_\_F.O./ L.D.O./ wood/NG

d) Fuel cost : \_\_\_\_\_\_\_Rs/kg or L.

1. **UTILITY REQUIREMENTS:**

**Following information is required to understand the intended end use of the biogas. Please leave blank whatever is NOT APPLICABLE.**

1. **ELECTRICITY:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **Unit** | **Maximum** | **Average** | **Minimum** |
| Present | KWH |  |  |  |
| Future | KWH |  |  |  |

1. **STEAM:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **Quantity**  **(Kg/hr)** | **Pressure**  **(Kg/cm2(g))** | **Temperature**  **(Deg. C)** | **Fuel Used** |
| Present |  |  |  |  |
| Future |  |  |  |  |

1. **HOT WATER/AIR/OIL:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Description** | **Outlet Temp**  **(Deg. C)** | **Return Temp**  **(Deg. C)** | **Circulation rate**  **(m3/hr)** | **Heat Load (Kcal/hr)** | **Fuel used** |
| Present |  |  |  |  |  |
| Future |  |  |  |  |  |

1. **CHILLED WATER/BRINE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Outlet Temp**  **(Deg. C)** | **Return Temp**  **(Deg. C)** | **Cooling Load**  **(T.R.)** |
| Present |  |  |  |
| Future |  |  |  |

Special requirements/remarks:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Questionnaire filled by:

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designation : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_