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| **Turbotech Energy Conservation Turbine (ECTTM): Data Sheet (Questionnaire)** | | | |
| **DETAILS** | | | |
| Company Name |  | Type of Industry |  |
| Address |  | Contact Person |  |
| Contact no. |  | E-mail |  |
| **BOILER DETAILS** | | | |
| Make and Commissioning Date of boiler |  | Fuel used for Boiler |  |
| Type & Efficiency of Boiler |  | Net Calorific Value of Fuel | .0.00 KCal / kg |
| Cost of Steam Production | . 0.00 / kg | Cost of Fuel | 0.00 / kg |
| Design Pressure |  | Operating Pressure |  |
| Design Temperature |  | Operating Temperature |  |
| Design Flow |  | Operating Flow |  |
| Distance from Boiler / HP line to PRV / PRDS |  | Distance from PRV / PRDS to Point of Consumption |  |
| **PROCESS APPLICATION** | | | |
| Steam Application |  | Type of Process (Batch\* / Continuous) |  |
| Pressure required for the process |  | Process Steam requirement\*\* |  |
| Steam Pressure at PRV |  | Steam Temperature at PRV |  |
| Steam Pressure after PRV |  | Steam Flow at PRV |  |
| \* If it is a Batch Process, then please specify the Steam flow rate & Steam consumption on hourly basis (SEASONAL/OFF-SEASONAL): (*Please fill in the log sheet in following Worksheets)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| \*\* if there are multiple pressure processes in the plant, please mention in the same cell/remarks | | | |
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| **STEAM TURBINE SET** | | | |
| Inlet Pressure at the Turbine |  | Exit Pressure of the Turbine |  |
| Type of Turbine  (Back Pressure / Straight Condensing / Extraction cum Condensing) |  | Type of Generator (IG / Alternator) |  |
| Extraction Pressure\* |  | Extraction Flow\* |  |
| 1. \* If it is an extraction cum condensing turbine, please specify the extraction parameters with type of water to be used for cooling, min. & max. ambient temperatures along with plant elevation from sea level 2. If it is a condensing turbine, please specify the type of water to be used for cooling, min. & max. ambient temperatures along with plant elevation from sea level | | | |
| **ELECTRICAL SYSTEM** | | | |
| Contracted KVA demand | kVA | Supply Voltage | 0 V |
| Connected plant load | kVA | Supply Frequency | 0 Hz |
| Present Power Tariff | 0.00 / kWhr | Supply Phase | 0 Ø |
| Operation Hours per day | 0 hrs. / day | Operating Hours per week | 0 hrs. / week |
| Working Days | 0 Days / Year | Shutdown Schedule | 0 Days / Year |
| Please mention power cuts if any and please mention the specifications of DG with hours of operation in a day | | | |
| Is there any low pressure steam being vented/Condensed: \_\_\_\_\_\_\_\_\_\_\_\_ Unit | | | |
| If so, please give details | \_\_ tph | \_\_\_ ⁰C |  |
| Expected Date of Procurement: | |  |  |
| **Remarks** *(If any)***:** | | | |
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| Disclaimer: Above information is required for a budgetary quotation. TURBOTECH respects your desire for privacy. Data collected from this form will not be given, sold or shared with organizations external to TURBOTECH. The information you provide will only be used to contact you. Your data will not be used for any other purpose. | | | |