**ATFD QUESTIONNAIRE**

|  |  |
| --- | --- |
| Company Name |  |
| Company address |  |
| Contact Person |  |
| Email ID |  |
| Phone Number |  |
| GST Number |  |
| **Sr. No.** | **REQUIRED DATA** | **UNIT** | **TO BE FILLED** |
| 1 | Feed | kg/hr |  |
| 2 | Name |  |  |
| 3 | Type of feed | liquid |  |
| 4 | Feed Component  |  |  |
| 5 | Type of solids suspended or dissolved |  |  |
| 6 | Specific heat of Feed | Kcal/kg ⁰ c |  |
| 7 | % of solids in feed | % |  |
| 8 | % of solids in product | % |  |
| 9 | Evaporation Capacity Required | kg/hr |  |
| 10 | Feed Inlet Temperature | ⁰C |  |
| 11 | boiling Temperatures | ⁰C |  |
| 12 | Components to be removed |  |  |
| 13 | Viscosity of feed | Cp |  |
| 14 | Viscosity of product | Cp |  |
| 15 | Chemical Properties of feed |  |  |
| 16 | Physical properties of feed |  |  |
| 17 | Vapour pressure data of components to be removed |  |  |
| 18 | vapour pressure & temperature chart |  |  |
| 19 | Boiling Point Elevation for product. | ⁰C |  |
| 20 | Viscosity Temperature Graph |  |  |
| 21 | Density data |  |  |
| 22 | Material of Construction | SS 304/316/### |  |
|  | **Utility** |  |  |
| 23 | Steam | Bar g |  |
| 24 | Cooling Water Inlet Temperature | ⁰C |  |
| **Range Of Equipment:** |
|  -Multiple Effect Evaporator -ATFD |  -Spray Dryer |