**QUESTIONNAIRE**

**TAPROGGE** 

## AutomaticHigh-PerformanceBackwash Filter

##### ➀ Project Details and Contact

|  |  |  |
| --- | --- | --- |
| **1** | **Operator** |  |
| **2** | **Power Station** |  | **Turbine no.** |  | **MW** |  |
| **3** | **Type** | ❑ | Nuclear | ❑ | Hydro | ❑ | Thermal | ❑ | CCPP | **Year of Construction** |  |
| **4*****please tick* 🗷 *relevant field*** | **Contact person** |  | **Title/function** |  |
| **5** | **Phone** |  | **Fax** |  | **E-mail** |  |

**➁ Basic Data required for Proposal**

|  |  |  |
| --- | --- | --- |
| **6** | **Project / Ref. no.** |  |
| **7** | **Number of Filters** |  |
| **8** | **TAPROGGE Reference** |  |
| **9** | **Type of cooling water** | ❑ | sea | ❑ | river | ❑ | brackish | ❑ | cooling tower | ❑ | well |
| **10** | **CW Flow rate** | **min.** |  | **normal** |  | **max.** |  | kg/s / m³/h |
| **11** | **Pipe connection – nominal diameter** | **inlet DN** |  | **outlet DN** |  |
| **12** | **Operating / design pressure** |  |  | bar |
| **13** | **Operating / design temperature** |  |  | °C |
| **14** | **Required filter perforation** |  | mm |

**➂ Additional Data**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **15** | **Type of cw prescreening** | ❑ | travelling band screens | ❑ | coarse screens | ❑ | fine screens | ❑ | skip rakes |
| ❑ | other: |  |
| **16** | **Chemical treatment of CW?** | ❑ | chlorination | ❑ | ferrous sulfate | ❑ | phosphate | ❑ | acids |
| **17** | **Type of debris** | ❑ | sand | ❑ | silt | ❑ | mussels | ❑ | concrete |
| **18** | ❑ | plastic | ❑ | wood | ❑ | fibres | ❑ | algae |
| **18** | **Max. particle size** |  | mm |

**➃ Filter Design**

***please tick* 🗷 *relevant field***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **19** | **Design code** | ❑ | ASME | ❑ | European standard | ❑ | others |  | **Flanges** |  |
| **20** | **TAPROGGE Standard accepted?** | **Δp System** | ❑ | Yes | ❑ | No | **Actuators**  | ❑ | Yes | ❑ | No |
| **21** | **Discharge flap** | ❑ | Yes | ❑ | No |
| **22** | **Location of filter** | ❑ | indoors | ❑ | outdoors |
| **23** | **Location of control panel** | ❑ | indoors | ❑ | outdoors |
| **24** | **Voltage / type of enclosure** |  | V |  | **Ex proof** |  |
| **25** | **Plant drawings submitted?** | ❑ | Yes | ❑ | No | **Water analysis submitted?** | ❑ | Yes | ❑ | No |
| **26** | **Specification available?** | ❑ | Yes | ❑ | No | **Delivery date required** |  |
| **27** | **Condenser tube cleaning system installed?** | ❑ | Yes | ❑ | No | **Head loss of condenser** |  |

|  |  |
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|  |  |
| filled up by: | place, date: |

**Remarks:**