Application Data Sheet – Archimedean Hydro Screw Turbine



Customer Information:	
Organization	Contact Person Project Mobile Email ID
Hydro Turbine Specification:	
• Water Application:	☐ Raw water ☐ Sewage Water ☐ Treated water ☐ Saline water ☐ Other (Specify) Others:
• Installation Application:	□ Run-off River □ Outfall of STP/WTP □ Outfall of Thermal Power Plant □ Tailrace of Existing Hydro Power Plant □ Canal Based (Irrigation/Human Consumption) □ Replacement of Existing water turbine. □ Outfall of other Plant
• Peak Discharge:	$\dots \dots m^3/s$
• Peak Discharge Availability:	(In Months/Year) - Submit Flow Data if Available
• Mean Discharge:	$\dots \dots m^3/s$
• Mean Discharge Availability:	(In Months/Year) - <u>Submit Flow Data if Available</u>
Hydraulic Head:	
• Power Plant Application:	☐Grid Connected ☐Captive Use
• Screw type:	□ Semi-Compact (BS) $□$ Compact (CS) $□$ Civil trough (BT) $□$ Casted trough (SH) (Can be Discussed with JASH)
• Lower Bearing type:	☐Bronze Bush Bearing ☐Eco-Bearing
• Generator type:	☐ Synchronous type ☐ Asynchronous type (Induction)
• Screw turbine Covering:	☐ Open ☐ FRP Covering
• Turbine intake Gate MOC:	☐ Mild Steel ☐ Stainless Steel ☐ Cast Iron ☐ Others (Specify) Others
• Installation Location:	☐ INDIA ☐ Overseas (Specify Location)
• Grid Voltage & Frequency:	
• Other Notable Specification:	(Add if Any.)

If Available, Kindly Share Site Layout (Proposed Installation Location) & Flow Duration curves as well.





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