

**Application Number : EOI-W- 97**

**Category :** Water related

**Title :** CDD 5000 (CLO<sub>2</sub> ) FOR DISINFECTION OF DRINKING WATER

**Current Stage of the Technology :** Technology Commercialized/ Implemented

**Estimated Capital Cost,If Quoted (In Rs):** 0

**Cost of Water Per Litre (Paise per liter):** 1.00

**Patent filed :** No

**Patent Application Number :** --

**Patent granted :** No

**Patent Number :** --

**Provide Video Link :** --

**Key Word :** CDD 5000 (CLO<sub>2</sub> )

**Summary of the Product :** CDD-5000 (0.5% Chlorine Dioxide) used for disinfection of water, which can used for drinking purposes, Cooling towers in thermal plants, DM Plants & water supply schemes

**Contaminants that can be removed through this Technology :** CDD-5000 (0.5% Chlorine Dioxide) used for disinfection of water which can used for drinking purposes, Cooling towers in thermal plants, DM Plants & water supply schemes. One kg CDD5000 disinfects about 16 lakh liters of water.

**Design Capacity :** One kg CDD5000 disinfects about 16 lakh liters of water. Chlorine dioxide CDD5000 in powder form of minimum 5000 PPM per liter as per Din Standard - Din en 12671:2009-04 duly approved and marks NSF-ANSI standard 60. The chlorine dioxide should be 100% soluble in water and the shelf life of the dry powder of chlorine dioxide will be minimum three years. In one kg of powder form CDD-5000 (Compound A & Compound B) can be made 25 liter solution of 5000 ppm strength at site.

**Pre-Treatment Protocol :** NOT APPLICABLE

**Post-Treatment Protocol :** NOT APPLICABLE

**Operations and Maintenance Cost and Protocol :** COST COMPARISON OF 1 MLD DRINKING WATER (10 LAKH LITERS) ATTACHED

**Reject Management Cost and Protocol :** NOT APPLICABLE

**Certification of Product :** ISO 9001 : 2015 , ISO 14001 : 2015, OHSAS 18001 : 2007, ISO 22000 : 2005 and NSIC Registration Certificate THE PRODUCT IS APPROVED FROM RAJASTHAN

PHED, UP JAL NIGAM, GOVT. OF WEST BENGAL, GOVT. OF PUNJAB AND OTHER STATE IN INDIA.

**Ease of Operations and Management : --**

**Interference by other Contaminants : --**

**Test Trailed : Whether Test Trailed/Implemented :** THE PRODUCT IS SUCCESSFULLY IMPLEMENTED AND APPROVED FROM RAJASTHAN PHED, UP JAL NIGAM, GOVT. OF WEST BENGAL, GOVT. OF PUNJAB AND OTHER STATES IN INDIA.

**Competitors :** NOT APPLICABLE

**About Innovator and Contributors :** Bharti Waters Pvt. Ltd. & SVS Aqua

**Contributors :**

S.No	First Name	Last Name	E-Mail Address	Organisation	Mobile No.
1	SANJAY	AGGARWAL	sanjay@bhartiwaters.com	Bharti Waters Pvt Ltd.	9810600304
2	SIDHARTHA	AGGARWAL	sidhartha@bhartiwaters.com	Bharti Waters Pvt Ltd.	9650516070