



**राष्ट्रीय मात्स्यिकी विकास बोर्ड**  
**National Fisheries Development Board**  
**मत्स्यपालन विभाग/Department of Fisheries**

मत्स्यपालन, पशुपालन और डेयरी मंत्रालय /Ministry of Fisheries, Animal Husbandry & Dairying  
भारत सरकार /Government of India

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**EMPANELLED EQUIPMENT MANUFACTURER / SUPPLIER IN  
FISHERIES AND AQUACULTURE SECTOR**

**Empanelment validity up to: 31/07/2024**

**Basic Details of the firm:**

<b>Name of the Manufacturer/ Supplier</b>	Oriental Aquamarine Biotech India Pvt. Ltd	<b>Address of the firm</b>	U 7, Kovaipudur, Coimbatore-641042, Tamil Nadu
<b>Name of the authorised Representative</b>	Mohan Kandaswamy, Founder and Director	<b>Website</b>	www.nitrifying-bioreactor.com
<b>Type of firm</b>	Company in India	<b>Number of years in business</b>	10 years
<b>Operational Area</b>	National	<b>Email Id</b>	<a href="mailto:mohan@nitrifying-bioreactor.com">mohan@nitrifying-bioreactor.com</a>
<b>Mobile No</b>	422-2608943/ 9442951725		

**List of items empanelled**

Sl. No	Category Name	Item Name	Equipment/ Machinery Name	Details of specifications
1	Oriental Aquamarine Biotech India Pvt. Ltd	BioFloc/ RAS	Biofilter	<p><b>SBSBR Specification</b></p> <ol style="list-style-type: none"> <li>1. Dimension of the bioreactor : 10*10*10 cu.cm</li> <li>2. Bioreactor Volume : 1L</li> <li>3. Backwash of the bioreactor : Manual</li> <li>4. Aeration : 2 LPM</li> </ol> <p><b>PBBR 1 Specification:</b></p> <p>Bioreactor specification:</p> <ol style="list-style-type: none"> <li>1. Dimension of the bioreactor: 12*8*4 Cu. ft</li> <li>2. Bioreactor Volume: 120L</li> <li>3. Backwash of the bioreactor: Manual</li> <li>4. Aeration: 108 LPM</li> <li>5. Power supply: 230 V ac 1N-50/60 Hz 2.5A f.l.c</li> <li>6. Air borne Noise and Emission: Sound</li> </ol>

				<p>pressure level emitted by machine 73 dB</p> <p>7. Machine structure: Mild steel fabricated body with protective coat</p> <p>8. Body: Frp/acrylic covers</p> <p>9. Process tanks: Food grade FRP</p> <p>10. Aeration tubes &amp; knob: Food grade silicon tubes and plastic air controller</p> <p><b>PBBR 2 Specification</b></p> <p>1. Dimension of the bioreactor : 15ft*8ft*8ft (L*W*H)</p> <p>2. Bioreactor Volume : 3500 litres</p> <p>3. Backwash of the bioreactor : Manual</p> <p>4. Aeration : 160LPM</p>
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**Disclaimer:**

- Empanelment of Manufacturer/Supplier Firms by NFDB is done for various stakeholders such as Fishers/Fish Farmers/ Societies/Federations/ Enterprise firms / State Departments etc. for manufacturing and supply of Equipment/Machinery related to Fisheries & Aquaculture sector.
- NFDB shall not assure of providing contracts/works to the empanelled firms either directly by NFDB or from clients/Users.
- NFDB website is a portal having information of empanelled manufacturers/ suppliers. The complete accuracy and integrity of data submitted in respect of the seller and also in respect of goods offered and compliance with the applicable laws is sole responsibility of the seller.
- Empanelled manufacturers/suppliers would be solely and absolutely responsible for the information provided about their organization, business, products, materials and prices on the portal.
- It is not mandatory that the user shall avail only the listed manufacturers/ suppliers.
- NFDB is not responsible for any financial transactions/delay in financial settlements between manufacturers/suppliers & users/ clients.
- NFDB shall not guarantee for quality of the equipment/ machinery supplied by the empanelled firms to the users/clients.
- All disputes in connection with the contract between empanelled equipment manufacturer/supplier and buyer shall be subject to the exclusive jurisdiction of the court within the local limits of the jurisdiction where the contract was executed. NFDB would not be a party to any such dispute matter.