



# 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 UNDER PMMSY

### I. Basic Details of the firm:

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

### II. Items Empanelled:

Sl No	Category Name	Item Name	Equipment/ Machinery Name	Details of specifications
1	Bio floc/ RAS	Bio-filter	Bioreactor for Nitrification and Denitrification	<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> 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 pressure level emitted by machine 73 dB</li> <li>7. Machine structure : Mild steel fabricated body with protective coat</li> <li>8. Body : Frp/acrylic covers</li> <li>9. Process tanks : Food grade FRP</li> <li>10. Aeration tubes &amp; knob : Food grade silicon tubes and plastic air controller</li> </ol> <p><b>PBBR 2 Specification</b></p> <ol style="list-style-type: none"> <li>1. Dimension of the bioreactor : 15ft*8ft*8ft (L*W*H)</li> </ol>

Sl No	Category Name	Item Name	Equipment/ Machinery Name	Details of specifications
				2. Bioreactor Volume : 3500 litres 3. Backwash of the bioreactor : Manual 4. Aeration : 160LPM

**Disclaimer:**

- Empanelment of Manufacturers/Supplier Firms by NFDB is for 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.
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