



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	R.S Polyplast	Address of the firm	Khasra No.50/6, Near Shahdab Dairy, Prahladpur, Bangar, Delhi-110042
Name of the authorised Representative	Siddharth Mehta/Proprietor	Website	No details provided
Type of firm	Proprietorship firm	Number of years in business	More than 8 years
Operational Area	International	Email Id	rspolyplast@yahoo.in
Mobile No	9999997454 8178929908		

II. Items Empanelled:

Sl No	Category Name	Item Name	Equipment/ Machinery Name	Details of specifications
1	Aquaculture	Electrical pump of different capacities and pump accessories	Centrifugal pumps	Centrifugal pumps available with capacity up to 10 HP
2	Aquaculture	Aerators / Paddle wheel	Paddle Wheel aerators	Paddle wheel aerators available in different models a. 2 to 4 wheel: - Available with motor capacity of 2 and 3 HP. b. 6 to 8 wheel: - Available with motor capacity up to 5 HP. c. 8 and above :- Available with motor capacity up to 10 HP
3	Aquaculture	Air Blower	Ring Blowers	Ring blowers: - a. Available from 0.5 HP to 25 HP b. Single phase and Three phase electricity consumption. c. Energy saving model, up to 40 % Less energy consumption.

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4	Aquaculture	Air Blower	Root Blowers	Root blowers :- a. Available from 1.5 HP to 40 HP. b. Single phase and Three phase electricity consumption.
5	Aquaculture	Compressors	Compressors	High flow air and water compressors available with motor capacity up to 7.5 Kw. Single and Three phase electrical connections
6	Aquaculture	Generator set	Generator Set	1. Silent and low noise/Pollution generator set 2. Push button automatic start. 3. Body covered with silencer. 4. Available in Single/ Three phase connections. 5. Load bearing capacity up to 125 Kws
7	Aquaculture	Oxygen generator/ Diffusers	Oxygen generator/ Diffusers	1. Aeration tubes available in thickness of 25 MM. 2. Anti-algae tubes and Disk diffusers. 3. Nano bubbles/Micro Nano Bubbles.
8	Aquaculture	Feed dispenser	Feed dispenser	Automatic feeders with capacity up to 100 Kgs feed distribution per hour
9	Aquaculture	Filters/ Filtration system	Recirculating Filtration System	Recirculating filtration system, customized designed as per customer's requirement available from 20000 Litres Per hour to 600000 Litres per hour. Includes: Sand Filter, Mechanical drum filter, Protein skimmers, Bio filter, UV filter along with automatic control panel
10	Sea Cage / Reservoir cage/ Pen	HDPE CAGE / GI CAGE / PONTOON CAGE FRAME	Floating Sea Cage	Floating sea cage with Dia: 6 M and Depth : 7 M for cage farming
11	Sea Cage / Reservoir cage/ Pen	CAGE NET	CAGE NET	NYLON threaded net in roll form. Quality depends on thickness of thread used.
12	Sea Cage / Reservoir cage/ Pen	HDPE LINERS	HDPE LINERS	1. Geomembrane available from 200 Microns to 2500 Microns 2. UV Stabilized Material. 3. Width of sheet can be customized up to 10 mtrs. 4. Easily repairable sheet.
13	Sea Cage / Reservoir cage/ Pen	Gears/ Fishing nets	Handle nets (Hand).	Handle nets (Hand).
14	Bio floc/RAS	Bio floc tank and accessories	Bio floc tank and accessories	a. Portable/ Prefabricated Steel Aquaculture tank available in water holding capacity up to 30,00,000 Litres.

SI No	Category Name	Item Name	Equipment/ Machinery Name	Details of specifications
				<p>i. ZINCALUME STEEL TANK ii. GI STEEL TANK</p> <p>b. Portable/ Prefabricated Pipe mounted tanks available in water holding capacity up to 4,00,000 Litres.</p> <p>i. Portable 1800 gsm tank. ii. Portable 2400 gsm tank.</p> <p>c. Prefabricated Mesh tanks available in water holding capacity up to 4,00,000 Litres.</p> <p>i. MS MESH TANK</p> <p>ii. GI MESH TANK</p> <p>iii. HOT DIP GALVANISED MESH TANK</p> <p>iv. MS ROD MESH TANK</p> <p>d. Material thickness are ranging from 400 gsm to 3000 gsm.</p> <p>e. Material used are safe for fish and as per Global aquaculture standards</p>
15	Bio flocc/RAS	BIOFILTER	BIOFILTER	<p>a. 3 Stage bio filter along with MBBR and diffuser system.</p> <p>b. Customized designed capacity starting from 10000 Litres Per hour and available up to 2,00,000 Litres per hour.</p>
16	Bio flocc/RAS	Mechanical drum filter / Sand filter / Protein skimmer	Mechanical drum filter / Sand filter / Protein skimmer	<p>a. Closed body drum filter made from SS 304. Rust proof along with filter tank.</p> <p>b. Automatic start stop sensor system and available with capacity up to 300 KL per hour.</p> <p>c. Skimmers are available with high flow vessel system. Starts from per hour cleaning capacity of 5000 Litres Per hour.</p>
17	Bio flocc/RAS	Water testing Kits	Water testing Kits	<p>a. Master kit containing (PH, AMMONIA, NITRATE, NITRITE) : 800 test per kit.</p> <p>b. Ammonia kit : 130 test per box.</p> <p>c. alkalinity /hardness kit : 130 test per box</p>
18	Bio flocc/RAS	UV TREATMENT SYSTEM	UV TREATMENT SYSTEM	<p>a. Available capacity between 5000 Litres per hour to 300 KL per hour.</p> <p>b. Comes along with a control panel.</p> <p>c. Automatically controls bacteria Levels.</p> <p>d. Manufactured specifically for RAS Plants under control parameters.</p>
19	Bio flocc/RAS	OZONE TREATMENT SYSTEM	OZONE TREATMENT SYSTEM	<p>a. Available capacity between 5000 Litres per hour to 300 KL per hour.</p> <p>b. Comes along with a control panel.</p> <p>c. Manufactured specifically for RAS Plants under control parameters.</p>

Sl No	Category Name	Item Name	Equipment/ Machinery Name	Details of specifications
20	Bio flocc/RAS	BIOBALLS / CLAY BALLS / FILTER BED	BIOBALLS / CLAY BALLS / FILTER BED	a. Made from PP grade. b. Comes in cylindrical and ball shapes. c. Available in black and natural white colour
21	Bio flocc/RAS	TARPAULIN LINER	TARPAULIN LINER	a. Available in PVC and HDPE Material. b. Gsm Available for PVC :- 400 GSM , 580 GSM , 760 GSM , 1000 GSM , 1400 GSM , 1800 GSM , 2400 GSM , 3000 GSM. c. Gsm available for HDPE :- 500 MICRONS , 750 MICRON , 1000 MICRON , 1500 MICRON. d. Colours on choice and availability. e. Comes in 2 qualities :- 4 PLY coated material and 12 PLY coated material.
22	Bio flocc/RAS	BLOWER / PUMP SET	Ring Blowers	RING BLOWERS a. Available from 0.5 HP to 25 HP. b. Single phase and Three phase electricity consumption. c. Energy saving model, Up to 40 % Less energy consumption
23	Bio flocc/RAS	BLOWER / PUMP SET	Root Blowers	ROOT BLOWERS a. Available from 1.5 HP to 40 HP. b. Single phase and Three phase electricity consumption.
24	Bio flocc/RAS	BLOWER / PUMP SET	Boring Motors / Pump	BORING MOTORS / PUMP a. Available from 1.0 HP to 12.5 HP. b. Single phase and Three phase electricity consumption. c. High pressure, Copper winding. d. Comes along control panel.
25	Bio flocc/RAS	ANY OTHER	ANY OTHER	Probiotics, Molasses, Raw Salt, Rock Salt, Sea Salt, Dolomite, Medicines, Drip pipe, Aeration fittings etc.
26	Hatchery	PVC PIPEING SYSTEM	PVC PIPEING SYSTEM	a. Outlet Drainage pipe line system: PVC/ CPVC/ UPVC. b. Inlet water pipe line system: PVC/ CPVC/ UPVC. c. Aeration pipeline system: PVC/ HDPE/ CPVC/ UPVC"
27	Hatchery	BROODER TANKS / LARVE REARING TANKS / POST-LARVE REARING TANKS / NURSERY REARING	BROODER TANKS / LARVE REARING TANKS / POST-LARVE REARING TANKS / NURSERY REARING	a. Portable/ Prefabricated Steel Aquaculture tank available in water holding capacity up to 30,00,000 Litres. i. ZINCALUME STEEL TANK ii. GI STEEL TANK b. Portable/ Prefabricated Pipe mounted tanks available in water holding capacity up to 4,00,000 Litres. i. Portable 1800 gsm tank. ii.

SI No	Category Name	Item Name	Equipment/ Machinery Name	Details of specifications
				<p>Portable 2400 gsm tank.</p> <p>c. Prefabricated Mesh tanks available in water holding capacity up to 4,00,000 Litres. i. MS MESH TANK ii. GI MESH TANK iii. HOT DIP GALVANISED MESH TANK iv. MS ROD MESH TANK</p> <p>d. Material thickness are ranging from 400 gsm to 3000 gsm.</p> <p>e. Material used are safe for fish and as per Global aquaculture standards.</p>
28	Hatchery	SAND FILTER	SAND FILTER	<p>a. High pressure vessel FRP tank with Multi plug valve.</p> <p>b. Filter media, gauge valve along with motor.</p> <p>c. Available capacity from 5 KL to 200 KL water capacity per hour.</p>
29	Hatchery	EFFLUENT TREATMENT SETUP	EFFLUENT TREATMENT SETUP	<p>a. Discharged waste water treatment through environment friendly minerals.</p> <p>b. Aquaponics setup.</p>
30	Hatchery	COMPRESSORS	COMPRESSORS	High flow air and water compressors available with motor capacity up to 7.5 Kw. Single and Three phase electrical connections.
31	Hatchery	OZONE FILTERS/ UV FILTER	OZONE FILTERS/ UV FILTER	<p>a. Available capacity between 5000 Litres per hour to 300 KL per hour.</p> <p>b. Comes along with a control panel.</p> <p>c. Automatically controls bacteria Levels.</p> <p>d. Manufactured specifically for RAS Plants under control parameters.</p>
32	Hatchery	MICRO FILTERS / NETS / TUBS	MICRO FILTERS / NETS / TUBS	<p>a. Prefabricated hatchery tubs made from PVC.</p> <p>b. Handle net / Deep leaf net (Hand) made from plastic as their primary raw material</p>
33	Cold chain Facility	COLD ROOM CABINET	COLD ROOM CABINET	<p>a. Leak-proof</p> <p>b. prefabricated sandwich panels filled with Polyutherene form.</p> <p>c. High insulation quality</p>
34	Cold chain Facility	COMPLETE ELECTRICAL CONTROL PANEL	COMPLETE ELECTRICAL CONTROL PANEL	<p>a. Automatic panel with timers.</p> <p>b. Inbuilt Temperature display</p>
35	Cold chain Facility	AIR CONDITIONER / AIR COOLER / UNIT COOLER	AIR CONDITIONER / AIR COOLER / UNIT COOLER	<p>a. Ammonia free system.</p> <p>b. Free on technology.</p> <p>c. star Energy rated.</p> <p>d. Available in different capacities up to 125 KW.</p>
36	Cold chain Facility	LIQUID NITROGEN EQUIPMENT	LIQUID NITROGEN EQUIPMENT	<p>a. Vessel/ Chamber storage tank made of Metal.</p> <p>b. built-in safety pressure release.</p>

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37	Cold chain Facility	CHILLER ROOM EQUIPMENT	CHILLER ROOM EQUIPMENT	a. Cold room built with puff panels b. Temperature control display. c. Heater doors along with alarm bell.
38	Cold chain Facility	STABILIZERS	STABILIZERS	a. Available in single phase and three phase. b. Servo stabilisers with capacity up to 50 Kw. c. Oil cooled and air cooled. d. Controls voltage fluctuation from 140 amp to 240 amp.
39	Cold chain Facility	ANTE ROOM	ANTE ROOM	a. Fabricated with puff panels. b. Double flow machine which maintains temperature between -8 degree to +8 degrees.
40	Cold chain Facility	POLYUTHRENE PANEL / PUFF PANEL	POLYUTHRENE PANEL / PUFF PANEL	a. Sandwich between steel and Foam. b. Customised sizes in length and width. c. Installed with Silicon and liquid puff. d. Thickness varies between 75 MM to 150 MM
41	Cold chain Facility	FROZEN DOOR	FROZEN DOOR	a. touch sensitive lock panel on door. b. Heated or non-heated
42	Cold chain Facility	COMPRESSOR	COMPRESSOR	a. High star electricity consumption rated motors. b. Piston air generation system

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.
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