



GOVERNMENT OF KARNATAKA
DEPARTMENT OF FISHERIES

STATE SPECIFIC GUIDELINES FOR IMPLEMENTATION OF PMMSY

(IN ADDITION TO GOI SOP AND OPERATIONAL GUIDELINES)



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STATE SPECIFIC GUIDELINES FOR IMPLEMENTATION OF PMMSY (IN ADDITION TO GOI SOP AND OPERATIONAL GUIDELINES)

A. Enhancement of Production and productivity

1. Development of Inland Fisheries and Aquaculture

1.4 Construction of New Grow-out ponds:

Unit cost: Rs.7.00 Lakhs/Ha

Sl. No.	Particulars	Description
1.	Species	Permitted and suitable species
2.	Pond area	Maximum 2 Ha
3.	Average Depth	1.5-2 m (Excluding Free board height)
4.	Stocking size	Advanced Fingerling
5.	Stocking density	Minimum 10000/Ha
6.	Survival rate	85%
7.	FCR	1-1.5
8.	Culture period/crop duration	8-10 months
9.	Cost of Seed	As per the Govt./market rate
10.	Cost of feed	As per the Govt./market rate
11.	Total feed required	7 to 8 MT
12.	Size at the time of Harvest	1 Kg
13.	Top width of the bundh	Minimum 1m
14.	Slope of the bundh	1:2.5
15.	Area Calculation	Water spread area plus 10%
16.	Ground cleaning, de-weeding, levelling	As per SR rate
17.	Earth work excavation and construction of bund	As per SR rate
18.	Equipment /Accessories	As per Actuals

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years (wherever applicable)
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Soil and Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water/water holding capacity for culture.

1.5 Inputs for freshwater Aquaculture including composite fish culture, scampi, pangasius, tilapia etc.,

Unit cost: Rs.4.00 Lakhs/Ha

Sl. No	Particulars	Total Amount (In Lakhs)
1.	Pond preparation, Liming, zeolite etc. (L.S.)	0.30
2.	Seed Cost as per the Govt./market rate	0.15
3.	Feed as per the Govt./market rate	1.90
4.	Manpower-1 no. @Rs.8500 p.m. for 10 months	0.85
5.	Electricity and fuel L.S.	0.40
6.	Harvesting charges	0.20
7.	Miscellaneous	0.20

Eligibility:

One time Input cost will be provided for newly constructed fish culture ponds under PMMSY.

1.6 Establishment of need based New Brackish Hatcheries (shell fish and fin fish)

Unit cost: Rs.50.00 Lakhs

Sl.No	Particulars	Description
1.	Species	Permitted and suitable species
2.	Minimum area of the hatchery	0.4Ha
3.	Brooder ponds	According to required numbers
4.	Nursery rearing facilities, rearing tanks	According to required numbers
5.	Minimum capacity of finfish production	5 Lakh/fry/year
6.	Minimum capacity of Shellfish production	10 million PL/year
7.	Ground cleaning, de-weeding, levelling	As per SR rate

8.	Earth work excavation and construction of Brooder nursery and rearing ponds	As per SR rate
9.	Equipment/Accessories	As per Actuals

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

1. Clear title of the land in the name of the applicant.
2. If, the land is on lease, registered lease agreement for a minimum period of 10 years (wherever applicable)
3. The hatchery will have a minimum capacity of 5 Lakh fry/year for finfish and 10 million PL/year for shrimp with minimum area of 0.4 Hectare.
4. CAA/CRZ/ other department clearance/ permission certificate need to be submitted.
5. The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities.
6. Assurance/ willingness of the entrepreneur/farmer for availing bank loan
7. Water and Soil test certificate from the competent authority.
8. Implementing officer should ascertain the sufficient water/water holding for culture.
9. The hatchery should be managed by qualified skilled technical staff and ensure supply of quality seed to farmers at affordable/reasonable price.
10. Should setup small laboratory.

1.7 Construction of New ponds for Brackish Water Aquaculture

Unit cost: Rs.8.00 Lakhs/Ha

Sl No	Particulars	Description
1.	Species	Permitted and suitable species
2.	Total Area	Minimum 0.1 Ha and maximum 2 Ha
3.	Average Depth	Maximum 1.5 m
4.	Stocking size	PL-20, Fingerlings
5.	Stocking density	20/m ²
6.	Stocking no.	2,00,000
7.	Survival rate	90%
8.	FCR	1:1.5
9.	Culture period/crop duration	5 months/ 1 year
10.	Cost of Seed	As per the Govt./market rate
11.	Cost of feed (crude protein 28-30%)	As per the Govt./market rate
12.	Total feed required	5.4 MT
13.	Top width of the bundh	Minimum 1m
14.	Slope of the bundh	1:2

15.	Area Calculation	Water spread area plus 10%
16.	Ground cleaning, de-weeding, levelling	As per SR rate
17.	Earth work excavation and construction of bund	As per SR rate
18.	Equipment/Accessories	As per Actuals

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- CAA/CRZ certificate need to be submitted.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Soil and Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water/water holding capacity for culture.

1.9 Inputs for Brackish water Aquaculture:

Unit cost: 6.00 Lakhs/ Ha

Sl. No	Particulars	Total Amount (In Lakhs)
1.	Seed Cost as per the Govt./market rate	0.60
2.	Feed as per the Govt./market rate	4.90
3.	Miscellaneous (Medicines, fertilizers, etc.,)	0.50

Eligibility :

One time Input cost will be provided for newly constructed shrimp culture ponds under PMMSY

1.8. Construction of New ponds for Saline / Alkaline Areas

Unit cost: Rs.8.00 Lakhs/Ha

Sl. No.	Particulars	Description
1.	Suitable Cultivable Species	Suitable
2.	Total Area	Minimum 0.1 Ha Maximum 2 Ha
3.	Average Depth	Maximum 1.5
4.	Stocking size	PL-20/ Advanced Fingerlings
5.	FCR	1:1.5
6.	Culture period/crop duration	5 months/ 1 Year

7.	Cost of Seed	As per the Govt./market rate
8.	Cost of feed (crude protein 28-30%)	As per the Govt./market rate
9.	Total feed required	5.4 MT
10.	Top width of the bundh	Minimum 1m
11.	Slope of the bundh	1:2
12.	Area Calculation	Water spread area plus 10%
13.	Ground cleaning, de-weeding, levelling	As per SR rate
14.	Earth work excavation and construction of bund	As per SR rate
15.	Equipment/Accessories	As per Actuals
16.	Unit Cost	8 lakhs/Ha

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- CAA/CRZ/CADA certificate need to be submitted. (wherever applicable)
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Saline soil/ Alkaline soil and Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water/water holding capacity for culture.

1.10 Inputs for Saline/ Alkaline Areas:

Unit cost: 6.00 Lakhs/ Ha

Sl. No	Particulars	Total Amount (In Lakhs)
1	Seed Cost as per the Govt./market rate	0.60
2	Feed as per the Govt./market rate	4.90
3	Miscellaneous (Chemicals, fertilizers, etc.,)	0.50

Eligibility :

One time Input cost will be provided for newly constructed shrimp culture ponds under PMMSY

1.11 Construction of Biofloc ponds for Brackish water/ Saline/ Alkaline areas including inputs of Rs.8 lakhs/0.1Ha:

Unit Cost: Rs.18.00 Lakhs/0.1 Ha

Sl. No.	Particulars	Description
1.	Species	Permitted and suitable species
2.	Pond area	0.1Ha
3.	Average Depth	1.5m
4.	Stocking size	PL-20/ Advanced Fingerlings
5.	Stocking no.	300000- Shrimp and 50,000 - fishes
6.	FCR	1:1.5
7.	Ground cleaning, de-weeding, levelling	As per SR rate
8.	Earth work excavation and construction of bund	As per SR rate
9.	Equipment/Accessories	As per Actuals
10.	Total feed required	6 MT

Sl. No.	Particulars	Total (Rs in lakhs)
Capital cost		
1.	Earth work excavation and construction of bund	0.80
2.	Pond liner	1.50
3.	Inlet, outlet and central drainage system	0.50
4.	PVC pipe fittings for air, water flow	0.50
5.	Store room/ watchmen shed	2.00
6.	Pumps-1 nos. 3 HP	0.30
7.	Aerator/Air blower-2 nos	0.50
8.	Aeration tubes/Diffusers	0.50
9.	Generator set/UPS 10 KVA	2.00
10.	Net, Imhoff cone, weighing balance, water testing kits and other accessories	0.30
11.	Bio security Measure-Bird net, crab net	0.20
12.	Electrification L.S.	0.50
13.	Miscellaneous	0.40
Total		10.00
Input Cost		
1.	Seed Cost as per the Govt./market rate	1.00
2.	Feed as per the Govt./market rate	6.00

3.	Miscellaneous (Medicines, fertilizers, etc.,)	1.00
Total		8.00
Sub Total		18.00

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- CAA/CRZ/CADA certificate need to be submitted.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/recognized Universities
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Saline soil/ Alkaline soil and Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water for culture.
- One time Input cost will be provided for newly constructed shrimp/Fish culture ponds under PMMSY.

1.12 Construction of Biofloc ponds for Freshwater areas including inputs of Rs.4 lakhs/Ha

Unit Cost: Rs.14.00 Lakhs

Sl. No.	Particulars	Description
1.	Species	Permitted and suitable species
2.	Pond area	0.1Ha
3.	Average Depth	1.5m
4.	Stocking size	Advanced fingerlings
5.	Stocking density	50/m ³
6	Stocking no.	50000
7.	FCR	1:1.5
8.	Culture period/crop duration	90 days/crop
9.	Ground cleaning, de-weeding, levelling	As per SR rate
10.	Earth work excavation and construction of bund	As per SR rate
11.	Equipment/Accessories	As per Actuals
12.	Cost of feed	Rs.70/kg
13.	Total feed required	6 MT
14.	Size at the time of Harvest	15 gm

Sl. No.	Particulars	Total (Rs in lakhs)
Capital cost		
1.	Earth work excavation and construction of bund	0.80
2.	Polyethylene lining	1.50
3.	Inlet, outlet and central drainage system	0.50
4.	PVC pipe fittings for air, water flow	0.50
5.	Store room / watchmen shed	2.00
6.	Pumps-1 nos. 3 HP	0.30
7.	Aerator/Air blower-2 nos	0.50
9.	Aeration tubes//Diffusers	0.50
10.	Generator set/UPS 10 KVA	2.00
11.	Net, Imhoff cone, weighing balance, water testing kits and other accessories	0.30
12.	Bio security Measure-Bird net, crab net	0.20
13.	Electrification L.S.	0.50
14.	Miscellaneous	0.40
Total		10.00
Input Cost		
1.	Seed Cost as per the Govt./market rate	0.30
2.	Feed as per the Govt./market rate	3.00
3.	Miscellaneous (Medicines, fertilizers, etc.,)	1.00
Total		4.00
Grand Total		14.00

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan towards non-subsidy portion of the investment towards capital cost.
- Bank's consent to provide the loan towards non-subsidy portion.
- Soil and Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water for culture.
- One time Input cost will be provided for newly constructed biofloc ponds under PMMSY.

2. Development of marine fisheries including mariculture and seaweed cultivation

2.1 Establishment of Small Marine Finfish Hatcheries

Unit cost: Rs.50.00 Lakhs

Sl.No	Particulars	Description
1.	Species	Permitted and suitable species
2.	Minimum area of the hatchery	0.4Ha
3.	Brooder ponds	AS per DPR
4.	Nursery rearing facilities, rearing tanks	AS per DPR
5.	Minimum capacity of finfish production	5 Lakh/fry/year
6.	Minimum capacity of Shellfish production	10 million PL/year
7.	Ground cleaning, de-weeding, levelling	As per SR rate
8.	Earth work excavation and construction of Brooder nursery and rearing ponds	As per SR rate
9.	Equipment/Accessories	As per Actuals

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- The hatchery will have a minimum capacity of 5 Lakh fry/year for finfish and 10 million PL/year for shrimp with minimum area of 0.4 Ha.
- CAA/CRZ other department permission certificate need to be submitted.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Water and Soil test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water/water holding capacity for culture.
- Should setup small laboratory.

2.4. Establishment of open sea cages (100-120 cubic meter Volume)**Unit cost: 5.00 Lakhs**

Salient Features		
Sl. No.	Title	Description
1.	Species	Permitted and suitable species
2.	Cage specification and No. of cages	6 m dia X 4 m depth , HDPE material
3.	Cage volume	113.04 m ³ (Effective water volume 100 m ³)
4.	No. of cages	Maximum 5 cages per individual
5.	Stocking size	6 inch
6.	Stocking density	1200/cage
7.	Stocking no.	1200X5=6000
8.	Survival rate	80%
9.	FCR	1:1.3
10.	Culture period/crop duration	8 -10 months

Project Cost		
Sl. No.	Particulars	Total amount (in lakh)
A. Capital Cost		
1.	Cost of cage including one outer net, two inner nets, one bird net, cage mooring, ballast hose, anchor @ Rs.3 lakh/cage for 5 cages (100-120 cubic meter volume for each cage)	15.00
	Sub Total (A)	15.00
B. Recurring Cost		
1.	Seed cost As per the Govt./market rate	1.50
2.	Feed cost As per the Govt./market rate	8.00
3.	Miscellaneous	0.50
	Sub Total (B)	10.00
	TPC (A+B)	25.00

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- The beneficiary will obtain necessary prior permission from the concerned state Govt and other competent authority for installation of cages in the sea.
- GPS location of the site

- The govt. financial assistance is restricted to a maximum of 5 cages per individual beneficiary. In case of groups of fishers and fish farmers like FFPOs/SHGs/ Joint liability groups/Fisher co-operative societies will be limited to 2X number of members of such group with a ceiling of 50 cages.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

2.5. Establishment of Seaweed culture rafts including inputs (per raft)

Unit cost: Rs.0.015 Lakhs

Sl. No.	Capital Investment	Quantum	Cost in Rs.	Cost/raft in Rs.
1.	Five bamboo poles of 12 feet each	5	80/pole	400
2.	Five Toothed iron Anchor of 15 kg/unit, one anchor can hold a cluster of 10 rafts	1.5kg	100/kg	150
3.	3mm PP twisted rope for plantation -12 -20 nos. (4.5 m each)	0.5kg	260/kg	130
4.	Cost of HDPE braider pieces (20 pcs x20 ropes = 400 pcs of 25 cm each)	0.20 kg	360/kg	72
5.	Raft framing rope (6m x 12 ties per raft i.e.) 36 m of 6 mm rope	0.65 kg	200/kg	130
6.	HDPE Fishing net to protect the raft bottom(4m x 4m size)	1.00 kg	300/kg	300
7.	Anchoring rope of 10 mm thickness (17m per cluster of 10 rafts)	0.20 kg	200/kg	40
8.	Rafts linking ropes per cluster 10 rafts- 6mm thick -2 ties x3m x 9 pairs = 54 m length	0.20 kg	200/kg	40
9.	2 mm rope to tie the HDPE net (28 m)	0.20 kg	220/kg	44
	Total cost		2.50	1300
Input costs				
Sl No.	Quantum	Cost (in Rs)		
1.	Including seed material, fabrication, plantation, maintenance, twinning charges etc.	200.00		
TOTAL		1500.00		

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- The beneficiary will obtain necessary permission for allotment of sea area from the

- concerned state Govt. and other competent authority for seaweed cultivation.
- GPS location of the site
- Beneficiary should be fishermen/fisherwoman co-operative societies, SC/ST co-operative societies, woman Self help groups etc.,
- The govt. financial assistance is restricted to 15 rafts per member with ceiling of 500 rafts per group/society at suitable sites/location.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

2.6. Establishment of Seaweed culture with monoline/ tube net method including inputs (one unit is appropriately equal to 15 ropes of 25 m length)

Unit cost: Rs.0.015 Lakhs

Sl. No.	Capital Investment	Quantum	Cost in Rs.	Cost/unit in Rs.
1.	Ten bamboo poles of 20 feet each	10	100/pole	1000.00
2.	Four Toothed iron Anchor of 12 kg/unit	24 kg	100/kg	1200.00
3.	Monoline / tube net of 25mt * 15 ropes	25	80	2000.00
4.	Cost of HDPE braider pieces (50 pcs x20 ropes = 1000 pcs of 100 cm each)	2 kg	360/kg	720.00
5.	Miscellaneous			380.00
	TOTAL COST			5300.00

Input costs		
Sl No.	Quantum	Cost (in Rs)
1.	Including seed material, fabrication, plantation, maintenance, twinning charges etc.	2700.00
Total Unit Cost		8000.00

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- The beneficiary will obtain necessary permission for allotment of sea area from the concerned state Govt. and other competent authority for seaweed cultivation.
- GPS location of the site
- Beneficiary should be fishermen/fisherwoman co-operative societies, SC/ST co-operative societies, woman Self help groups etc.,

- The govt. financial assistance is restricted to 100 units (One unit is approximately equal to 15 ropes of 25mt length) per group for *Kappaphagus Species* and up to 300 units per group for *Gracillaria species*.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

2.7 Bivalve cultivation (mussels, clams, pearl etc.)

Unit cost: Rs.0.20 Lakhs

Sl. No.	Particulars	Unit Rate (Rs.)	Quantity	Amount (Rs.)
A. Infrastructure development cost				
1.	Bamboo poles,	220/ No.	20 Nos.	4400
2.	Rope for construction	200/ kg	2 kg.	400
3.	Labor for fabrication & installation	660/ No.	4 Nos.	2640
4.	Contingency			500
	Sub Total (A)			7,940
B. Operational cost				
1.	Seeding rope	150/ kg	12 kg.	1800
2.	Cotton netting material	15/ mt.	35 mt.	525
3.	Needle, rope, scissors for stitching		LS	1000
4.	Cost of mussel seeds	25/ kg	250 kg.	6250
5.	Labor hiring charges for seeding	660/ No.	3 Nos.	1980
6.	Contingency			505
	Sub Total (B)			12,060
	Grand Total			20,000

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- The beneficiary will obtain necessary permission for allotment of sea area from the concerned state Govt. and other competent authority for cultivation.
- GPS location of the site
- The govt. financial assistance is restricted to 5 units for individual farmer/beneficiary, 50 units for fishermen/fisherwoman co-operative societies, SC/ST co-operative societies, woman Self help groups etc.,
- The prospective entrepreneurs/ farmers should preferably have received/receive training in fish farming activity from Department/ recognized Universities
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

4. Development of Ornamental and Recreational Fisheries

Indicative requirements of Freshwater Ornamental Fish Culture Units

S. N.	Item	Description	4.1 Backyard Ornamental Fish rearing Unit (Rs)	4.2 Medium scale Ornamental Fish rearing Unit (Rs)	4.3 Integrated Ornamental Fish Unit (Breeding and rearing for freshwater (Rs)
A	Capital Cost				
A1	Cement /FRP tanks	Cement / FRP tank including storage tanks	10000 to 15000 liter capacity 10-15 No 1000 liter cement rings tank/frp tanks etc. one storage tanks	25000to30000-liter capacity 20 No 1000 liter cement rings tank/frp tank Tanks, 5 Cement/FRP tanks of 5000 liter capacity one storage/reservoir tanks	100,000-liter capacity 25 No 1000 liter cement rings tank/frp tank Tanks, 10-15 Cement/FRP tanks of 5000 liter capacity one large storage/reservoir tanks
A2	Shed cost	Structure with cemented, brick wall, asbestos/ metal/ RCC and Plastic greenhouse with roll up sides, heat and ventilation in hilly areas	150 sq m area	500 sq m area	1500 sq m area
A3	Live feed facility and feed maker	Cement Tanks/ FRP Tanks, Glass tanks for stock culture	-	-	Required
A4	Glass tanks	Aquarium tanks including stand	1000 liters	3250 liters	7800 liters
A5	Water supply items	Water line pipes, Motor & Pumps , hose &its fitting	As per requirement	As per requirement	As per requirement
A6	Electrical items	Wiring material, lightings and its fixtures, submersible heaters etc.	As per requirement	As per requirement	As per requirement
A7	Water treatment equipment	Biological filters, carbon filters, RO units etc.	As per requirement	As per requirement	As per requirement
A8	Accessories	Oxygen cylinder, Aerator, compressor/Air blower, shade nets, Netting for each tanks, Hand nets, Packing Machine etc.	As per requirement	As per requirement	As per requirement, in addition packing/marketing facility need to be created with adequate space, aquaria, condition tanks etc.

Indicative cost Estimates of Freshwater Ornamental Fish Culture Units

S. N.	Item	Description	4.1 Backyard Ornamental Fish rearing Unit (Rs)	4.2 Medium scale Ornamental Fish rearing Unit (Rs)	4.3 Integrated Ornamental Fish Unit (Breeding and rearing for freshwater (Rs)
A	Capital Cost				
A1	Cement tanks	Cement tank including storage tanks	120000	200000	360000
A2	Shed cost	Structure with cemented, brick wall, asbestos/ metal/ RCC and Plastic greenhouse with roll up sides, heat and ventilation in hilly areas		103000	700000
A3	Live feed facility and feed maker	Cement Tanks/ FRP Tanks, Glass tanks for stock culture		65000	105000
A4	Glass tanks	Aquarium tanks including stand	40000	100000	450000
A5	Water supply items	Water line pipes, Motor & Pumps , hose & its fitting	20000	20000	80000
A6	Electrical items	Wiring material, lightings and its fixtures, submersible heaters etc.	40000	150000	300000
A7	Water treatment equipment	Biological filters, carbon filters, RO units etc.	20000	150000	305000
A8	Oxygen cylinder	Oxygen cylinder, Aerator, compressor/Air blower, shade nets, Netting for each tanks, Hand nets, Packing Machine etc.	60000	12000	200000
Total Capital Cost			300000	800000	2500000
B	Operational Cost				
B1	Brood stock fish		12000	35250	75000
B2	Feed		9375	50600	68000
B3	Labor Cost	@ Rs.200 per person x 180 days	36000	36000	60000
B4	Power & Fuel		6250	20650	31000
B5	Packing & Transport		9375	15500	50000
B6	Miscellaneous	Medicine, stock solutions for live feed culture etc.	7000	20000	15000
Total Operational Cost			80000	178000	299000
Total Cost involvement (A+B)			380000	978000	2799000

Output and value

Type of Unit	Production Cycle in a Year	Production per season (Nos.)	No. of Seasons in a Year	Total Production per year	Price per unit (Rs.)	Total value of output (Rs.) / Unit
Backyard	1	3250	4	13000	4	52000
	2	6500	9	58500	4	234000
	3	6500	9	58500	4	234000
	4	6500	9	58500	4	234000
	5	6500	9	58500	4	234000
		29250		247000		988000
Medium Scale	1	9100	4	36400	4	145600
	2	18200	9	163800	4	655200
	3	18200	9	163800	4	655200
	4	18200	9	163800	4	655200
	5	18200	9	163800	4	655200
		81900	40	691600		2766400
Integrated	1	26822	4	107288	4	429152
	2	53644	9	482796	4	1931184
	3	53644	9	482796	4	1931184
	4	53644	9	482796	4	1931184
	5	53644	9	482796	4	1931184
		241398		2038472		8153888

Eligibility:

- Clear title of the land in the name of the applicant
- If, the land is on lease, registered lease agreement for a minimum period of 10 years
- The govt. financial assistance is restricted to one unit per individual farmer/beneficiary, 20 units for fishermen/fisherwoman co-operative societies, SC/ST co-operative societies, woman Self help groups etc.,
- Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water for culture.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Trade license from the local bodies, and other mandatory certificates.

5. Technology Infusion and Adaptation

5.1. Establishment of large RAS (with 8 tanks of minimum 90 m³ /tank capacity 40 ton/crop) / Biofloc (50 tanks of 4m dia and 1.5m high) culture system

Unit cost: Rs.50 Lakhs

RAS Unit:

Sl. No.	Particulars	Description
1.	Species	Permitted and suitable species
2.	Total volume of each tank of 8 numbers	90m ³
3.	Stocking size	Advanced Fingerling
4.	Stocking density/tank	12000
5.	Survival rate	90%
6.	FCR	1:1.3
7.	Culture period/crop duration	Depending on species cultured
8.	Cost of Seed	As per the Govt./market rate
9.	Cost of feed	As per the Govt./market rate
10.	Total feed required	28 MT

Sl. No.	Particulars	Total amount (in Rs. lakhs)
A. Capital Cost		
1.	Construction of tank including the pump, aerator, biofilter, Net, Water Quality testing kits, store room, Shade net shed with minimum 75% shade, generator/UPS and accessories	36.00
B. Input Cost		
1.	Seed cost @ Rs.4/pc for 48000	1.90
2.	Feed cost	8.50
3.	Electricity charges	3.00
4.	Manpower	0.96
5.	Miscellaneous	0.14
	Sub total	14.00
Total		50.00

Biofloc unit: Biofloc (50 tanks of 4m dia and 1.5 high) culture system

Sl. No.	Component	Details
1.	Biofloc Tank size of 50 numbers	4 metre diameter and 1.5 meter height
2.	Water holding capacity of each tank	15,000 Litres capacity
3.	Tanks Made-up of	Tarpaulin/Fibre/HDPE
4.	Stocking density	100 nos/m ³ (1000 no.s per 15,000 litres tank - depending on species)

5.	Species	Suitable and permitted
6.	Survival (%)	80
7.	Type of feed to be used	floating pellet feed
8.	% of feed	2-3% per Average Body weight
9.	Feeding frequency	4 times early stage, later 2 times per day
10.	FCR	1:1.2
11.	Duration of culture	6 months
12.	Size/weight of the species(gm)	500 gm average weight
13.	No.of crops per year	2
14.	Feed requirement	24 T

Sl. No.	Component	Nos	Cost (Rs)	Total (Rs in lakhs)
Capital cost				
1.	Setup of Tarpaulin/Fibre tanks (15,000 Litres capacity)	50	25,000 per each tank	12.50
2.	Shed material and accessories fixing charges	1600 m ²	600/m ²	9.60
3.	Water supply bore well and pump (2 nos. of 3 HP)	-	150000	1.50
4.	PVC pipe fittings for air, water flow	LS	450000	4.50
5.	Nets and accessories	50	3000/tank	1.50
6.	Blower (3 HP), Air stones and other accessories	8	30000	2.40
7.	Electrification	LS	150000	1.50
8.	Power generator(5 KVA)	1	150000	1.50
9.	Miscellaneous expenses			0.50
Total				35.50
*Input cost for one crop				
10.	Seed @Rs.4/- for 50000			2.00
11.	Feed cost @Rs.30/kg for 24 T			7.20
12.	Probiotics, carbon source, test kits, electricity etc.			5.30
Total				14.50
Grand Total				50.00

*input cost may vary depending on stocking density

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in RAS/ biofloc fish farming activity from Department.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan
- Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water for culture.

5.2. Establishment of Medium RAS (with 6 tanks of minimum 30 m³ /tank capacity 10 ton/crop/ Biofloc (25 tanks of 4m dia and 1.5m high) culture system

Unit cost- Rs.25 Lakhs

RAS Unit:

Sl. No.	Particulars	Description
1.	Suitable Cultural Species	Permitted and suitable species
2.	Total volume of each tank of 6 numbers	30m ³
3.	Stocking size	Advanced Fingerling
4.	Stocking density/tank	6000
5.	Survival rate	90%
6.	FCR	1:1.3
7.	Culture period/crop duration	6 months
8.	Cost of Seed	As per the Govt./market rate
9.	Cost of feed	As per the Govt./market rate
10.	Total feed required	10.8 MT
11.	Size at the time of Harvest	500 g

Sl. No.	Particulars	Total amount (in Rs. lakhs)
A. Capital Cost		
1.	Construction of tank including the pump, aerator, biofilter, Net, Water Quality testing kits, store room, Shade net shed with minimum 75% shade, generator/UPS and accessories	18.00
B. Input Cost		
1.	Seed cost @ Rs.4/pc for 24000	0.95
2.	Feed cost	4.00
3.	Electricity charges	1.50
4.	Manpower	0.48
5.	Miscellaneous	0.07
Total		7.00
Grand Total		25.00

Biofloc (25 tanks of 4m dia and 1.5 high) culture system

Sl. No.	Component	Details
1.	Biofloc Tank size of 25 numbers	4 metre diameter and 1.5 meter height
2.	Water holding capacity of each tank	15,000 Litres capacity
3.	Tanks Made-up of	Tarpaulin/Fibre/HDPE
4.	Stocking density	100 nos/m ³ (1000 no.s per 15,000 litres tank - depending on species)
5.	Name of fish species suitable	Suitable and permitted
6.	Survival (%)	80
7.	Type of feed to be used	floating pellet feed
8.	% of feed	2-3% per Average Body weight
9.	Feeding frequency	4 times early stage, later 2 times per day
10.	FCR	1:1.2
11.	Duration of culture	6 months
12.	Size/weight of the species(gm)	500 gm average weight
13.	No. of crops per year	2
14.	Feed requirement	12 T

Sl. No.	Component	Nos	Cost (Rs)	Total (Rs in lakhs)
Capital cost				
1.	Setup of Tarpaulin/Fibre tanks(15,000 Litres capacity)	25	Rs. 25,000 per each tank	6.25

2.	Shed material and accessories fixing charges	800 m ²	600/m ²	4.80
3.	Water supply bore well and pump (2 nos. of 3 HP)	-	150000	1.50
4.	PVC pipe fittings for air, water flow	LS	250000	2.50
5.	Nets and accessories	25	3000/tank	0.75
6.	Blower (3 HP), Air stones and other accessories	4	30000	1.20
7.	Electrification	LS	100000	1.00
8.	Power generator (5 KVA)	1	150000	1.50
9.	Miscellaneous expenses			0.50
Total				20.00
*Input cost for one crop				
10.	Seed @Rs.4/- for 25000			1.00
11.	Feed cost @Rs.30/kg for 12 T			3.6
12.	Probiotics, carbon source, test kits, electricity etc.			0.40
Total				5.00
Grand Total				25.00

*input cost may vary depending on stocking density

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in RAS/Biofloc fish farming activity from Department.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan
- Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water for culture.

5.3. Establishment of Small RAS (with 1 tanks of minimum 100 m³ /tank capacity/ Biofloc (7 tanks of 4m dia and 1.5m high) culture system

Unit cost- Rs.7.5 Lakhs

RAS Unit:

Sl. No.	Particulars	Description
1.	Suitable Cultural Species	Permitted and suitable species
2.	Total volume of each tank of 1 numbers	100m ³
3.	Stocking size	Advanced Fingerling
4.	Stocking density/tank	6000
5.	Survival rate	90%
6.	FCR	1:1.3
7.	Culture period/crop duration	6 months
8.	Cost of Seed	As per the Govt./market rate
9.	Cost of feed	As per the Govt./market rate
10.	Total feed required	3.51 MT
11.	Size at the time of Harvest	500 g

Sl. No.	Particulars	Total amount (in Rs. lakhs)
A. Capital Cost		
1.	Construction of tank including the pump, aerator, biofilter, Net, Water Quality testing kits, store room, Shade net shed with minimum 75% shade, generator/UPS and accessories	6.00
B. Input Cost		
1.	Seed cost @ Rs.4/pc for 4500	0.18
2.	Feed cost	0.77
3.	Probiotics	0.05
4.	Electricity charges	0.40
5.	Miscellaneous	0.10
Total		1.50
Grand Total		7.50

Biofloc (7 tanks of 4m dia and 1.5 high) culture system

Sl No	Component	Details
1.	Biofloc Tank size of 7 numbers	4 metre diameter and 1.5 meter height
2.	Water holding capacity of each tank	15,000 Litres capacity
3.	Tanks Made-up of	Tarpaulin/Fibre/HDPE

4.	Stocking density	100 nos/m ³ (1000 no.s per 15,000 litres tank - depending on species)
5.	Name of fish species suitable	Suitable and permitted
6.	Survival (%)	80
7.	Type of feed to be used	floating pellet feed
8.	% of feed	2-3% per Average Body weight
9.	Feeding frequency	4 times early stage, later 2 times per day
10.	FCR	1:1.2
11.	Duration of culture	6 months
12.	Size/weight of the species(gm)	500 gm average weight
13.	No.of crops per year	2
14.	Feed requirement	1.00 T

Sl. No.	Component	Nos	Cost (Rs)	Total (Rs in lakhs)
Capital cost				
1.	Setup of Tarpaulin/Fibre tanks(15,000 Litres capacity)	7	Rs. 25,000 per each tank	1.75
2.	Shed material and accessories fixing charges	200 m ²	600/m ²	1.20
3.	Water supply bore well and pump (2 nos. of 3 HP)	1	100000	1.00
4.	PVC pipe fittings for air, water flow	LS	75000	0.75
5.	Nets and accessories	LS	15000	0.15
6.	Blower (1 HP), Air stones and other accessories	1	30000	0.30
7.	Electrification	LS	10000	0.10
8.	Power generator(2 KVA)	1	45000	0.45
9.	Miscellaneous expenses			0.30
Sub Total				6.00
*Input cost for one crop				
10.	Seed cost , Feed cost , Probiotics, carbon source, test kits etc.			1.50
Sub total				1.50
Grand Total				7.50

*input cost may vary depending on stocking density

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in RAS/Biofloc fish farming activity from Department.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Water test certificate from the competent authority.
- Implementing officer should ascertain the sufficient water for culture.

5.4. Establishment of Backyard mini RAS unit**RAS Unit:**

Sl. No.	Particulars	Description
1.	Suitable Cultural Species	Permitted and suitable species
2.	Tank size	1500 to 2000 litre capacity tank
3.	Stocking size	Advanced Fingerling
4.	Stocking density/tank	150
5.	Survival rate	90%
6.	FCR	1:1.3
7.	Culture period/crop duration	6 months
8.	Cost of Seed	As per the Govt./market rate
9.	Cost of feed	As per the Govt./market rate
10.	Total feed required	78 Kg
11.	Size at the time of Harvest	500 g

Sl.No.	Particulars	Total amount (In Rs. lakhs)
A. Capital Cost		
1.	Fish Tank Construction, Procurement & installation of pumps, filters, aerators, valves, etc.	0.47
B. Input Cost		
1.	Seed and feed	0.03
Total		0.50

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If the land is on lease, registered lease agreement for a minimum period of 10 years.
- The prospective entrepreneurs/ farmers should preferably have received/receive training in RAS/Biofloc fish farming activity from the Department.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Water test certificate from the competent authority.
- Implementing officer should ascertain sufficient water for culture.

B. Infrastructure and Post-Harvest Management

6. Post-Harvest and cold chain infrastructure

6.1 Construction of Cold Storages/Ice Plants

As per the tonnage capacity, unit shall comprise the below said components-

- Construction of building
- Fabrication including electrification, refrigeration, compressor, condenser, flooring, air curtain, pest control unit etc.,
- Power supply including Power generator/UPS as per requirement

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Trade license from the local bodies, and other mandatory certificates.
- NOC from local bodies, CRZ, PCB whichever is applicable in the proposed project area.
- Implementing officer should ascertain the feasibility of the unit.

6.3 Refrigerated Vehicles

As per the tonnage capacity, unit shall comprise the below said components-

- Minimum 6 ton capacity vehicle
- Fabrication of vehicle including insulation and refrigeration unit
- Hypothecation for 7 years from the date of registration.

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Experience in marketing and transportation of fish.
- Feasibility regarding fish production in particular area should be ascertained by the Asst. Director of Fisheries.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

6.4. Insulated Vehicles

As per the tonnage capacity, unit shall comprise the below said components-

- Minimum 6 ton capacity vehicle
- Fabrication of vehicle including insulation unit.
- Hypothecation for 7 years from the date of registration.

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Experience in marketing and transportation of fish.
- Feasibility regarding fish production in particular area should be ascertained by the Asst. Director of Fisheries.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

6.5 Motorcycle with Ice Box

As per the capacity, unit shall comprise the below said components-

- Minimum 35 kg Ice box/ Insulated hold
- Hypothecation for 7 years from the date of registration.

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Experience in marketing and transportation of fish.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

6.6 Cycle with Ice Boxes

As per the capacity, unit shall comprise the below said components-

- Minimum 25 kg Ice box/ Insulated hold
- Hypothecation for 7 years from the date of registration.

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Experience in marketing and transportation of fish.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

6.7. Three-wheeler with Ice Box including e-rickshaws for fish vending

As per the capacity, unit shall comprise the below said components-

- Minimum 35 kg Ice box/ Insulated hold of 5 numbers.
- Hypothecation for 7 years from the date of registration.

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Experience in marketing and transportation of fish.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

6.8. Live fish vending Centres

- In case of mobile, vehicle shall be fabricated for fish marketing including live fish holding facility with aeration, display, dressing etc.,
- In case of static, 150 sqm suitable kiosk shall be setup with live fish holding facility with aeration, display, dressing etc.,
- Hypothecation for 7 years from the date of registration.

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Experience in marketing and transportation of live fish.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

In addition to above, the following said documents need to be submitted for static center-

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.

7. Markets and Marketing infrastructure

7.2 Construction of fish kiosks including kiosks of Aquarium /ornamental fish.

Unit cost: Rs.10.00 Lakhs

A. Fish Kiosk

Sl. No.	Component	Nos	Total (Rs in lakhs)
1.	Construction / fabrication of kiosk including electrification, dressing section, flooring, air curtain, glass facade, pest control unit etc.,	1	5.00
2.	Deep freezer	1.5 ton	1.00
3.	Display Unit with electronic weighing balance	1	1.00
4.	Fish cutting materials, Icebox, crates etc.,	-	0.50
5.	Furniture like GI table, chairs etc.,	-	1.00
6.	Power generator/UPS (5 KVA)	1	1.00
7.	Miscellaneous expenses	--	0.50
Total			10.00

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Trade license from the local bodies, and other mandatory certificates.
- Implementing officer should ascertain the feasibility of the unit.

B. Kiosks of aquarium/ornamental fish

Sl. No.	Component	Nos	Total (Rs in lakhs)
1.	Construction / fabrication of kiosk including electrification, water supply, flooring, glass facade, etc.,	1	5.00
2.	Aquarium tanks and Holding tanks	Min 20 numbers	2.00

3.	Packing material including oxygen cylinder, billing unit and other accessories		0.50
4.	Furniture like GI table, chairs etc.,		1.00
5.	Power generator/UPS (2 KVA)	1	0.50
6.	Miscellaneous expenses		1.00
	Unit Cost		10.00

Eligibility:

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Trade license from the local bodies, and other mandatory certificates.
- Implementing officer should ascertain the feasibility of the unit.

8. Development of deep-sea fishing

8.1 Support for acquisition of Deep-sea fishing vessels for traditional fishermen

The following criteria will be used to select farmers/entrepreneurs and State Governments, Quasi government organizations/Research institutes for subsidy.

- Only traditional/artisanal fishermen and their societies/ associations/ SHGs/FFPOs are eligible
- Beneficiary should possess valid ownership certificate, registration certificate under the ReALCraft, fishing license and biometric ID cards of fishers/QR coded Aadhar card.
- The govt. assistance is restricted to 1 unit per individual beneficiary. 2 units per group/ society in case of group of traditional fishermen and their societies.
- The vessel should have onboard machines/ fishing equipment including refrigerated storage facilities for undertaking deep sea Tuna long lining and gill netting.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan towards subsidy portion of the investment towards capital cost.

Bank's consent to provide the loan towards non-subsidy portion.

8.2 Up gradation of existing fishing vessels for export Competency

- Beneficiary should possess valid ownership certificate, R.C under the Real craft, fishing license and Biometric I.D cards of fishers/ QR coded Aadhaar card.
- In R.C the fishing method should be long line to Gill net method.
- Assurance/ willingness of the entrepreneur/ farmer for availing bank loan towards subsidy portion of the investment towards capital cost.
- Banks consent of provide the loan towards non-subsidy portion if necessary.
- The R.C holder should ensure that capable of doing resource specific deep-sea fishing (Including tuna long lining) after up-gradation/ convention.
- The beneficiary should give undertaking that he shall not sell/ dispose the converted /upgraded vessel to any other party for at least five years from the date of availing Government financial assistance.
- The Beneficiaries shall ensure that conversion/ Up-gradation of the identified fishing vessel with governmental assistance carries in accordance with the specified fishing methods and it should not be converted to any other type of fishing method after availing Governmental assistance.

8.3 Establishment of Bio-toilets in mechanized fishing vessels

- The applicant should possess R.C under Real craft license etc., crew details and QR coded Aadhaar card.
- Mechanized fishing vessel should be in operational condition and not outlived its life span.
- The Beneficiary should ensure that the Bio-toilets assisted under PMMSY are maintained in operational conditions. Transfer of Bio-toilets to other person/ vessel by any means shall be strictly prohibited.

C. Fisheries Management and Regulatory Framework

11.Strengthening of Safety and security of fishermen

11.2 Providing Boats (Replacement) and nets for traditional fishermen

- Traditional (including artisanal marine fishermen actively involved in fishing are eligible for the benefits under this component.
- As far inland fisheries are concerned, the State/ UTs will certify the genuineness of the beneficiary with regard to fishing/fishing related activities as hi/her occupation/livelihood. However, QR coded Aadhaar card is mandatory.
- In case marine fisheries, the beneficiary should possess valid (a) ownership certificates, (b) Registration certificate and fishing license under Real craft, (d) Biometric ID card of fishing ID card and (e) mandatorily QR coded Aadhaar card.
- States/UTs shall ensure that the old fishing boats against which the replacement is being made are suitable disposed of, and while disposing such old boats do not cause environmental pollution.

12. Fisheries Extension and Support Services

12.1 Extension and support services.

Extension services center supported under the PMMSY will serve as “MATSYA SEVA KENDRA” a one stop solution center for providing requisite services to fishers and fish farmers in locality.

- Beneficiary should be young professional possessing a degree in Fisheries science/Life science/ Marine biology/ Microbiology/ Zoology/ Biochemistry/ preference will be given to higher qualification
- Requisite space (Either own / Registered lease document) measuring at least 1000sqft at a suitable location.
- Mini laboratory with water and Soil quality testing facilities along with mobile.
- Soil sample/water sample/ fish sample collection, storage facility and kits.
- Deep freezer, Incubators and microbiology lab facilities.
- Trained coordinator-1 number.
- Lab Technician-1 number.
- Training facility for 25 members.
- Minimum Demo units.

Eligibility:

- Clear title of the land in the name of the applicant.
- If, the land is on lease, registered lease agreement for a minimum period of 10 years.
- Assurance/ willingness of the entrepreneur/farmer for availing bank loan.
- Trade license from the local bodies, and other mandatory certificates.
- Lab accreditation certificate from the competent authority.
- Implementing officer should ascertain the feasibility of the unit.
- SOPs need to be followed as per the guidelines.

ANNEXURE – I: Application Form**PMMSY APPLICATION FORM**

Passport size photo

Name of the Component:**Name of the Scheme:**

PART – A
Information to be furnished by the applicant

SL NO	Particulars	Details
1	2	3
1	APPLICANTS INFORMATION: Name of the applicant (IN BLOCK LETTERS): ADDRESS: a. Permanent address b. Communication /correspondence address: (Telephone/ mobile number)	
	Gender	Male/Female/Others
	Category claimed	General/SC/ST/Woman
	Aadhar Number	
2	Bank Details	
	Bank name	
	Account Number	
	IFSC	
	Branch	

3	LOCATION ASPECTS: Details of unit proposed a) State b) District c) Taluk /Mandal d) Revenue Village e) FRUITS ID f) Survey Number (s) (if Land based activity) g) Ownership (whether freehold or lease) (if Land based activity) If on registered lease, duration of lease (minimum 10 years) h) Total land area in which the unit would be set up (in ha) i) Proposed Unit cost (Rs)	
4	COST ESTIMATES Detailed plan and estimate of proposed Unit purchase/ construction and other civil works if necessary	
5	ASSISTANCE AVAILED Whether assistance for this purpose has been Obtained under any other Scheme of the Central/ State Government/Others?	If so, please (provide the details) Year: Quantum of assistance: Conditions for assistance:
6	Weather DPR/ self-Contained proposal enclosed with cost Estimate, Quotations, Action plan, Marketing plan etc.,	

7	EXPERIENCE Experience of the applicant/ firm/society/group in the field of proposed activity: details of training undergone if any?	
8	FINANCIAL RESOURCES: Financial resources to meet the project costs beyond the self finance/ Bank Loan eligible subsidy (enclose relevant documents)	
9	Attach Required Documents (as per PMMSY Guidelines Terms and Conditions)	

Date:

Signature of the applicant/s

Place:

PART B - Declaration by the Applicant

Declaration by the Applicant

I,hereby declare that the information furnished above is true to the best of my/our knowledge and belief. I am/we are fully aware that if it is found that the information furnished in the application is false or if there is any deviation/violation of condition under which assistance is provided to me by any action as deemed fit for violation of this condition may be taken against me/us.

Date:

Signature of the applicant/s

Place:

Implementing Officer Recommendation

Date:

Signature and Seal

Place:

Assistant Director of Fisheries

DLC Remarks / Recommendation

Date:

Signature and Seal

Place:

Member Secretary

ANNEXURE II – Self declaration format**SELF DECLARATION BY THE APPLICANT FOR SELF FINANCE****TO WHOMSOEVER IT MAY CONCERN**

Declaration by the Applicant

I, declare that I will not be borrowing money from the bank and would rather arrange the balance amount through my own sources and savings.

I am fully aware and confident in arranging the required amount for the project timely execution and I am hereby attaching my Bank statement with Rs..... (in words.....) as my bank balance available to invest in the project.

Date :

Signature of the applicant

Place :

(in Rs.50 notarized stamp paper)

ANNEXURE – III – UC format for Beneficiary

ಉಪಯೋಗಿತ ಪ್ರಮಾಣ ಪತ್ರ

ಶ್ರೀ/ಶ್ರೀಮತಿ. ಆದ ನಾನು ಮೀನುಗಾರಿಕೆ ಸಹಾಯಕ ನಿರ್ದೇಶಕರು, ತಾಲ್ಲೂಕು ರವರಿಂದ ರಲ್ಲಿನೇ ಸಾಲಿನ ಪ್ರಧಾನ ಮಂತ್ರಿ ಮತ್ಸ್ಯ ಸಂಪದ ಯೋಜನೆಯಡಿ ನಿರ್ಮಾಣ ಮಾಡಿದ ಘಟಕ ವೆಚ್ಚ: ಲಕ್ಷಗಳಿಗೆ ಶೇ. ಸಾಮಾನ್ಯ/ಮಹಿಳೆ/ಪ.ಜಾತಿ/ಪ.ಪಂಗಡ ಫಲಾನುಭವಿಗೆ ಸಹಾಯ ಧನ ರೂ. ಲಕ್ಷ (..... ರೂಪಾಯಿಗಳು ಮಾತ್ರ) ಪಡೆದುಕೊಂಡಿರುತ್ತೇನೆ ಎಂದು ಪ್ರಮಾಣೀಕರಿಸುತ್ತೇನೆ.

ಸ್ಥಳ:

ದಿನಾಂಕ:

ಫಲಾನುಭವಿ ಸಹಿ

ANNEXURE – IV: UC Format**GFR**

(See Rule 239)

**UTILIZATION CERTIFICATE
(FOR STATE GOVERNMENT)**

(Where expenditure incurred by Govt bodies only)

Sl. No	Letter No & Date	Amount (Rs. In Lakhs)	Certified that out of Rs. lakhs Grants sanctioned during the year in about of under this ministry/ Department letter No. given in the margin. A sum of Rs. lakhs has been utilized for the purpose of assistance for under “Pradhana Mantri Matsya Sampada Yojana” for which it was sanctioned.
1.	DOF-		
	Total		

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised.

1. Physical verification by local officer.
2. Payment has been made through E-payment.

Signature of the Beneficiary

Date:

Place:

Countersigned by the implementing agency

ANNEXURE – V - Site Verification Formats

PMMSY: Site Verification Format

Large/Medium/ Small scale RAS/ Biofloc culture system/ Biofloc Fish Culture Ponds for Freshwater areas/Alkaline areas/New Grow out Pond/Other related schemes

Work Order No & Date:

I. Beneficiary Details	
1. Beneficiary Name	
2. Address	
3. Aadhar number	
4. Contact number	
5. Category	GEN/ SC / ST / W
6. Bank Account details (Aadhar linked only)	Bank:
	Branch:
	Ac. No:
	IFSC:
7. Survey number	
8. Experience of the applicant in the field and details of training undergone if any	
II. Unit Details	
1. Details of Project Location [Site/Land where Project Activities are proposed to be taken up including Latitude and Longitude] [Enclose GPS Certificate]	Taluk:
	Revenue Village:
	Ownership [whether freehold or on lease]:
	If lease, duration of lease:
	Total Area of the proposed Site [in ha]:
2. Total Area of construction [in sqm]	

3. No of Tanks constructed [with length & width of each pond etc.]	
4. Volume[m ³ / dia / high] [in case of RAS/Biofloc]	
5. Equipment Details [Filters, Pumps and motors, Power generator, UV units, Electrification, Aeration system [air/ oxygen], Carbon dioxide trapper system, Automated water quality monitoring and control system etc.	
6. Civil works: Type of work: a] Insulated shed/ concrete Building, shade net/sheet etc., b] Store cum office for feed and accessories, c] Pump house, d] Purging & packing facilities, e] Circular cement tanks/lined ponds/FRP tanks/ SS Tanks/ Earthen Ponds including inlet, outlet central drainage; f] Settling tanks for sludge g] Water Storage [sump] tanks, [h] Overhead tanks	
7. Electricity supply [Type of connection, power backup (solar or UPS)]	
8. Water supply [Source & supply system]	
III. Operation Details	
1. License/ Registration /NOC [Whether Application submitted for farm registration]	
2. Fish species cultured	
3. Stocking density	
4. Type of feed used	
5. Technical support [Manpower availability details]	
IV. Total Expenditure incurred for the unit construction [Item wise bills to be submitted] [Rs. in Lakh]	

V. Unit information with Government Logo & PMMSY Logo displayed at the site [Photo evidence to be submitted]
VI. Verification Date:
VII. Verification Remarks [Enclose photographs]
VIII. Recommendation by Implementing Officer Eligible Subsidy Rs:

Date:

Signature & Seal
Implementing Officer

PMMSY: Verification Format

Insulated Truck /Refrigerated Truck /Three Wheeler / Two-Wheeler

Work Order No & Date:

I. Beneficiary Details	
9. Beneficiary Name	
10. Address	
11. Aadhar number	
12. Contact number	
13. Category	GEN/ SC / ST / W
14. Bank Account details (Aadhar linked only)	Bank:
	Branch:
	Ac. No:
	IFSC:
15. Experience of the applicant in the field and details of training undergone if any	
II. Unit Details	
9. Details of Project [Where fish marketing Activities are taken up]	
10. Equipment Details [Icebox/Crates/ Any Other accessories]	
11. Modification works: Type of work: Insulation & body modification / Refrigeration Unit etc. specify	
III. Operation Details	
6. License/ Registration /NOC [RC/DL/Permits etc.]	
7. Other support [Manpower availability details]	

IV. Total Expenditure incurred for the unit construction [Item wise bills to be submitted][Rs. in Lakh]
V. Unit information with Government Logo & PMMSY Logo displayed at the site [Photo evidence to be submitted]
VI. Verification Date:
VII. Verification Remarks [Enclose photographs]
VIII. Recommendation by Implementing Officer Eligible Subsidy Rs:

Date:

Signature & Seal
Implementing Officer

PMMSY: Verification Format
Fresh Fish Outlet/ Live Fish Vending Units

Work Order No & Date:

I. Beneficiary Details	
16. Beneficiary Name	
17. Address	
18. Aadhar number	
19. Contact number	
20. Category	GEN/ SC / ST / W
21. Bank Account details (Aadhar linked only)	Bank:
	Branch:
	Ac. No:
	IFSC:
22. Survey number	
23. Experience of the applicant in the field and details of training undergone if any	
II. Unit Details	
12. Details of Project Location [Site/Land where Project Activities are proposed to be taken up including Latitude and Longitude] [Enclose GPS Certificate]	Taluk:
	Revenue Village:
	Ownership [whether freehold or on lease]:
	If lease, duration of lease:
	Total Area of the proposed Site [in ha]:
13. Total Area of construction [in sqm]	
14. Equipment Details [Display Unit / Icebox/ crates/ deep freezer/weighing scale/ computer/ cutting & cleaning items, utensils display boards/ transport vehicle/ fish holding unit etc.]	

15. Works: Type of work: Interior design, partitioning, front glass façade, cutting and cleaning section, water supply, sales counter, electrification etc.	
III. Operation Details	
8. License/ Registration /NOC [Sales permit from local authority]	
9. Fish species marketed	
10. Support [Manpower availability details]	
IV. Total Expenditure incurred for the unit construction [Item wise bills to be submitted][Rs. in Lakh]	
V. Unit information with Government Logo & PMMSY Logo displayed at the site [Photo evidence to be submitted]	
VI. Verification Date:	
VII. Verification Remarks [Enclose photographs]	
VIII. Recommendation by Implementing Officer	
Eligible Subsidy Rs:	

Date:

Signature & Seal
Implementing Officer

PMMSY: Site Verification Format

Matsya Seva Kendra (MSK)

Work Order No & Date:

I. Beneficiary Details	
24. Beneficiary Name	
25. Address	
26. Aadhar number	
27. Contact number	
28. Category	GEN/ SC / ST / W
29. Bank Account details (Aadhar linked only)	Bank:
	Branch:
	Ac. No:
	IFSC:
30. Survey number/ site details	
31. Experience of the applicant in the field and details of training undergone if any	
II. Unit Details	
16. Details of Project Location [Site/Land where Project Activities are proposed to be taken up including Latitude and Longitude] [Enclose GPS Certificate]	Taluk:
	Revenue Village:
	Ownership [whether freehold or on lease]:
	If lease, duration of lease:
	Total Area of the proposed Site [in ha]:

17. Equipment Details [Lab equipment/ field tools/ ICT Tools/ Computer/ Training Aids/ Two-wheeler / field Kits / etc. any other specify]	
18. Works: Type of work: I interior designing / partitions / consultation section / training section / lab works / electrification / display boards / etc.]	
19. Electricity supply [Type of connection, power backup (solar or UPS)]	
20. Water supply [Source & supply system]	
III. Operation Details	
11. License/ Registration /NOC	
12. Number of Farmers proposed to service	
13. Area of service	
14. Technical support [Manpower availability details]	
IV. Total Expenditure incurred for the unit construction and operation [Item wise bills to be submitted] [Rs. in Lakh]	
V. Unit information with Government Logo & PMMSY Logo displayed at the site [Photo evidence to be submitted]	
VI. Verification Date:	
VII. Verification Remarks [Enclose photographs]	
VIII. Recommendation by Implementing Officer	

Date:

Signature & Seal
Implementing Officer