



OPERATIONAL GUIDELINES OF PMMSY

READY RECKONER

NATIONAL FISHERIES DEVELOPMENT BOARD

**Department of Fisheries
Ministry of Fisheries, Animal Husbandry and Dairying
Government of India**

JULY 2020

S. No.	Subject	Details
1	Vision	<i>Achieving Ecologically healthy, economically viable and socially inclusive fisheries sector that contributes towards economic prosperity and well-being of fishers, and fish farmers and other stakeholders, food nutritional security of country in a sustainable and responsible manner.</i>
2	Aims and Objectives	<ul style="list-style-type: none"> • Harnessing of fisheries potential in a sustainable, responsible, inclusive and equitable manner • Enhancing of fish production and productivity through expansion, intensification, diversification and productive utilization of land and water • Modernizing and strengthening of value-chain-post harvest management and quality improvement • Doubling fishers and fish farmers incomes and generation of employment • Enhancing contribution to Agriculture GVA and exports • Social, physical and economic security for fishers and fish farmers • Robust fisheries management and regulatory framework
3	Strategy	<ul style="list-style-type: none"> • Emphasis on harnessing of resources in a sustainable and responsible manner • Addressing critical gaps, infusion of technology and water management • Enhancing stakeholders' economic returns along the value chain combined with a robust fisheries management and regulatory framework. • Extent possible, 'cluster or area-based approaches'.
4	Estimated investment	Approved at a total estimated investment of Rs. 20,050 crores comprising of (i) Central share of Rs.9,407 crores (ii) State share of Rs.4,880 crores and (iii) Beneficiaries contribution of Rs.5,763 crores. Implemented in all States/Union Territories for a period of 5 years from FY 2020-21 to FY 2024-25.

5	Components	<p>Two separate Components namely</p> <p>(a) Central Sector Scheme (CS) (b) Centrally Sponsored Scheme (CSS)</p> <p>Further segregated to Non-beneficiary and beneficiary.</p> <p>Sub-components/activities are of 3 broad heads:</p> <ul style="list-style-type: none"> • Enhancement of Production and Productivity • Infrastructure and Post-harvest Management • Fisheries Management and Regulatory Framework 																	
Funding Pattern																			
6	a) Central Sector Scheme (CS)	<p><u>Proposals on CS under “Annexure-I”, sub- components 1 to 12 to be submitted directly to DOF.</u></p> <table border="1" data-bbox="604 756 1507 1133"> <thead> <tr> <th rowspan="2">Category</th> <th colspan="2">% of Financial Assistance</th> </tr> <tr> <th>Central Share</th> <th>Beneficiary share</th> </tr> </thead> <tbody> <tr> <td>All Central Projects</td> <td>100%</td> <td>-</td> </tr> <tr> <td colspan="3">Individual/Group activities through Entities of GOI/NFDB</td> </tr> <tr> <td>General Category</td> <td>40%</td> <td>60%</td> </tr> <tr> <td>SC/ST/ Women</td> <td>60%</td> <td>40%</td> </tr> </tbody> </table>	Category	% of Financial Assistance		Central Share	Beneficiary share	All Central Projects	100%	-	Individual/Group activities through Entities of GOI/NFDB			General Category	40%	60%	SC/ST/ Women	60%	40%
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SC/ST/ Women	60%	40%																	
	b) Centrally Sponsored Scheme (CSS)	<p><u>Proposals on CSS under “Annexure-II”- sub- components 1 to 14 & “Annexure –III” sub-components 1 to 9 to be submitted directly to NFDB in duplicate (2 copies each) by the End Implementing Agencies (EIAs) and an advance copy of the same to be submitted to DoF.</u></p> <p>Non-beneficiary: implemented under government sector, Total Project Cost (TPC) shared between Central and States/ UTs. Beneficiary orientated i.e. individual/group activities:</p>																	

implemented by the States/UTs, the Government financial assistance will in turn be shared between Centre and State/UTs in the following ratio:

Category	% of Financial Assistance		
	Central Share	State Share	Beneficiary share
Non-Beneficiary			
Other States	60%	40%	-
NE & Himalayan States	90%	10%	-
UTs	100%	-	-
Beneficiary			
Other States			
General Category	24%	16%	60%
SC/ST/ Women	36%	24%	40%
NE & Himalayan States			
General Category	36%	4%	60%
SC/ST/ Women	54%	6%	40%
UTs			
General Category	40%	-	60%
SC/ST/ Women	60%	-	40%

7	Eligible Beneficiaries	<ul style="list-style-type: none"> • Fishers, fish farmers, workers, vendors, SHGs, Joint Liability Groups (JLGs) in fisheries sector. • Fisheries Development corporations, cooperatives, federations, Entrepreneurs and private firms • Fish Farmers Producer Organizations/Companies (FFPOs/Cs) • State /UTs and their entities including SFDB • Central Government and its entities 															
8	Livelihood and nutritional support for fishers for conservation of fisheries resources	<p>Activity is focused on the support to fishers during fish ban/lean period. Beneficiary needs to save Rs. 1,500/- for a period of 9 months during fishing season.</p> <table border="1" data-bbox="590 586 1782 1057"> <thead> <tr> <th data-bbox="590 586 821 651">States/UTs</th> <th data-bbox="821 586 1121 651">Funding pattern</th> <th data-bbox="1121 586 1782 651">Contribution</th> </tr> <tr> <th data-bbox="590 651 821 716">(i)</th> <th data-bbox="821 651 1121 716">(ii)</th> <th data-bbox="1121 651 1782 716">(iii)</th> </tr> </thead> <tbody> <tr> <td data-bbox="590 716 821 813">General States</td> <td data-bbox="821 716 1121 813">50: 50 centre and General states</td> <td data-bbox="1121 716 1782 813">Central share Rs.1,500 + State share Rs.1,500 + beneficiary share Rs.1,500 = Rs.4,500/- year</td> </tr> <tr> <td data-bbox="590 813 821 951">North East and Himalayan states</td> <td data-bbox="821 813 1121 951">80: 20 Centre and NE &Himalayan States</td> <td data-bbox="1121 813 1782 951">Central share Rs. 2,400 + State share Rs. 600 + beneficiary share Rs.1,500= Rs.4,500/- year</td> </tr> <tr> <td data-bbox="590 951 821 1057">UTs</td> <td data-bbox="821 951 1121 1057">100% as Central share</td> <td data-bbox="1121 951 1782 1057">Central share Rs. 3,000 + beneficiary share Rs. 1,500= Rs. 4,500/- year</td> </tr> </tbody> </table>	States/UTs	Funding pattern	Contribution	(i)	(ii)	(iii)	General States	50: 50 centre and General states	Central share Rs.1,500 + State share Rs.1,500 + beneficiary share Rs.1,500 = Rs.4,500/- year	North East and Himalayan states	80: 20 Centre and NE &Himalayan States	Central share Rs. 2,400 + State share Rs. 600 + beneficiary share Rs.1,500= Rs.4,500/- year	UTs	100% as Central share	Central share Rs. 3,000 + beneficiary share Rs. 1,500= Rs. 4,500/- year
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9. MODE OF IMPLEMENTATION

a	DLC	<ul style="list-style-type: none"> • District Level Committee headed by the District Collector/Deputy Commissioner of the District. • Preparation of “Annual District Fisheries Plan” and approval is done by the DLC. • DLC is responsible for smooth implementation, supervision and monitoring of PMMSY at district level.
b	SLAMC/UTLAMC	<ul style="list-style-type: none"> • State / UT Level Approval and Monitoring Committee headed by the senior most Secretary in- charge of Department of Fisheries of States/UTs. • SLAMC/UTLAMC will consolidate all district plan, prepare Fisheries Annual Action Plan, approve the same including the projects/proposals along with recommendation to NFDB/DoF.
c	PAC	<ul style="list-style-type: none"> • Project Appraisal Committee (PAC) headed by the Chief Executive (CE), NFDB. • NFDB receives proposals on CSS from the State/UTs after due recommendation by the SLAMC/UTLAMC. • On scrutiny and appraisal of the proposals, PAC will recommend viable projects to DoF for approval.
d	PMU	<ul style="list-style-type: none"> • Project Monitoring Unit (PMU) headed by the Chief Executive (CE), NFDB for monitoring the projects/activities implemented under Centrally sponsored scheme of PMMSY. • To develop monitoring formats and templates for both CS & CSS components.
e	CAC	<ul style="list-style-type: none"> • Central Apex Committee (CAC) headed by the Secretary, (DoF) gives approval for both CS & CSS proposals.
f	PMEU	<ul style="list-style-type: none"> • Project Monitoring and Evaluation Unit (PMEU) headed by the Joint Secretary, at DoF. • To examine the NFDB Action Plan and DPR/SCPs received under Central sector scheme and further monitor and evaluate the implemented projects periodically.

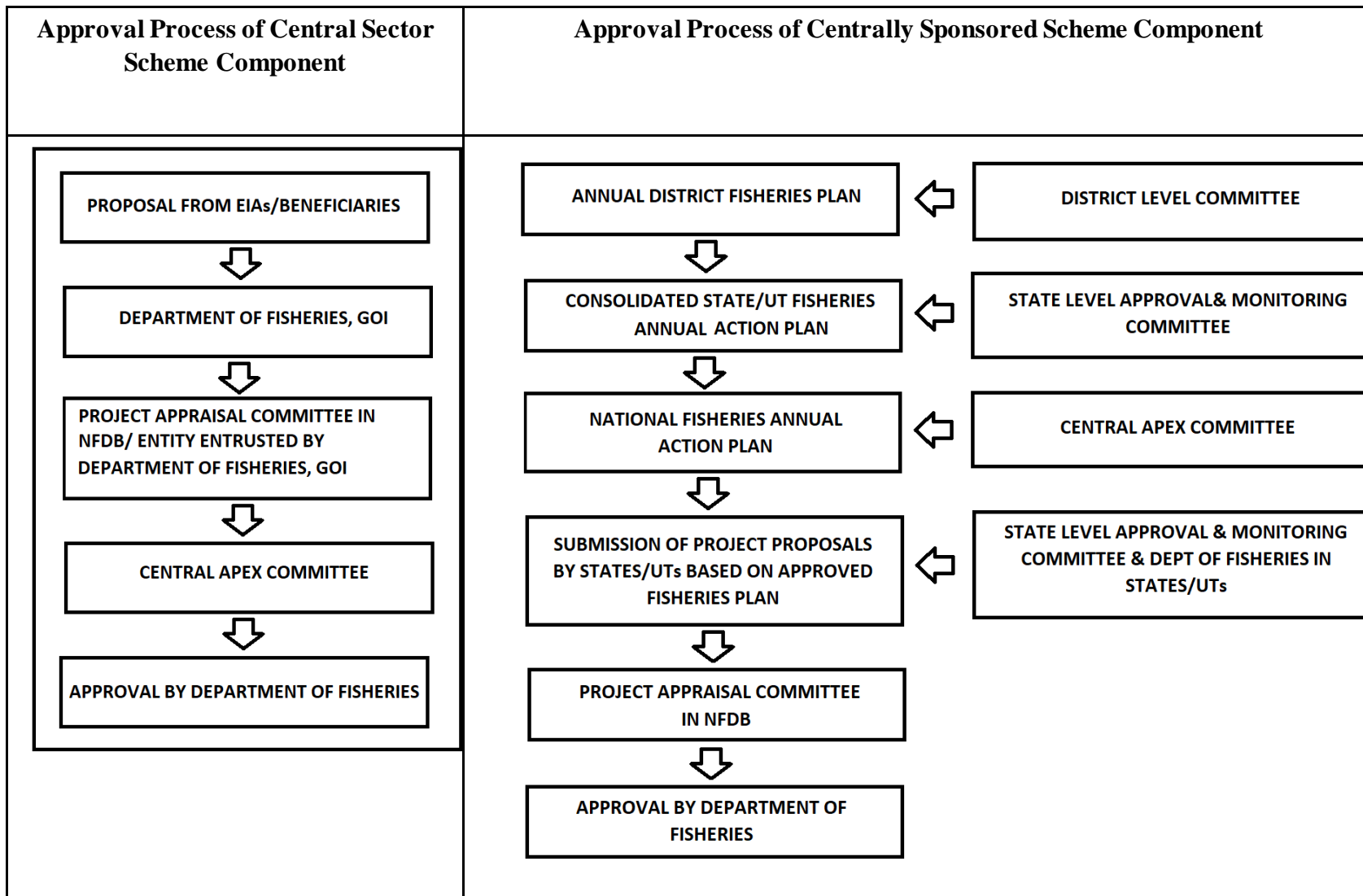
		<ul style="list-style-type: none"> • Further coordinating and preparation of National fisheries Annual Action Plan for the approval of CAC. • Perform any other responsibilities entrusted by CAC.
10. PROPOSAL SUBMISSION		
	Types of Proposals	<ul style="list-style-type: none"> • Proposals to be submitted in the form of Detailed Project Reports (DPRs) / Self Contained Proposals (SCPs) of Centrally Sponsored Scheme which include the following: (in 3 copies: 2 copies to NFDB and one copy to DoF) • Background of implementing agency (IA), feasibility studies(where ever required) , objectives, anticipated benefits, employment generation etc. cost benefits analysis (in case of bankable projects), bio-security and environment issues, organisation structure, mode of implementations, documentary evidences on land particulars, clearances, permission, source of funding, declaration on sharing pattern, pre-investment, design, layout, detailed estimates as per Schedule of Rates (SORs) and milestone, work plan, timeline.
	Pre-Investment Activities	<ul style="list-style-type: none"> • The various expenditure incurred under preparation of DPRs/SCPs, estimates, designs, clearance, permission, survey and investigations, feasibility study, report etc. can be shown under pre-investment, restricted to 1% of the total estimated project cost/unit cost (with a ceiling of Rs.150 lakh for multi-crore infrastructure projects), shared as per the funding patterns of the PMMSY. • Any additional expenditure over and above this ceiling will be met by the concerned EIA/Beneficiary. • Reimbursement to the EIA/Beneficiary only after the project/proposal is approved by DoF, in case the proposal if not approved, Pre-investment incurred expenditure will not be reimbursed.
	Administrative Expenses	2.5% of the annual budgetary allocation under PMMSY (Central share) would be earmarked for meeting the administrative expenses for implementation, monitoring, evaluation and review.
	Detailed Cost Estimate	<ul style="list-style-type: none"> • Project cost estimate to be arrived on the prevailing Schedule of Rates, market rates. • In case no approved Schedule of Rates (SoRs) are available, unit rate analysis to be endorsed by local engineering department of the states/UTs. • For big projects such as fishing harbours and Aqua parks funding will be based on DPR mode.

	Land and Water Body	<ul style="list-style-type: none"> • land shall be free from encroachment and encumbrances. • land particulars to be provided along with DPR itself. • lease period of 10 years for development of infrastructure projects and of 7 years for non-infrastructure projects. • Permission on water bodies, lands from the concerned departments to be obtained • Central financial assistance shall not be provided for acquiring land. • In case, lease agreement is terminated before the stipulated period, the entire central share has to be refunded to DoF, with accrued interest in addition to penal interest @ 12% per annum.
	Statutory Clearances	Confirmation with necessary documentary evidence on availability of land and statutory clearances (wherever necessary) shall be clearly indicated and the expenditure spent on this is to be met by the beneficiary.
	Inclusive Development	<ul style="list-style-type: none"> • SLAMC will ensure that adequate coverage is given to small and marginal farmers, SC, ST & women. • EIAs have to ensure that scheme benefits shall go to intended beneficiaries of SCs/STs as there is mandated budget allocated for Scheduled Caste Sub Plan (SCSP) and Tribal Sub Plan (TSP).
11	Mode of Financial Releases	<ul style="list-style-type: none"> • After CAC approval central funds are released to the implementing agencies in two instalments. • Instalments of release may vary depending up on the magnitude of the project. • Under Centrally Sponsored Scheme component, funds to State Fisheries Development Board are released with prior consent of State Government. • EIAs shall utilize the funds for the purpose for which it is released, ensure no diversion of the funds. • If EIAs, fail to utilize the funds, the entire funds along with accrued interest shall be refunded. • Cost escalations, if any, on justification will be dealt as per government guidelines. • Proper records on execution and expenditure shall be maintained • Proper procedures to be followed while auditing the accounts. • Subsequent releases will be considered on fulfilment of the following information: <ul style="list-style-type: none"> (i) UC submission as per GFR proforma (ANNEXURE-XII-A/ANNEXURE-XII-B) (ii) Documentary evidence on proportionate contribution by beneficiary and end implementing agencies.

		(iii)Any other stipulation as may be prescribed by DoF.
12	Monitoring and Evaluation	<ul style="list-style-type: none"> • Information Communication Technology (ICT) based MIS applications are put for regular monitoring of Physical and financial progress. • The PMEU will review the progress periodically at least once in 6 months. Department of Fisheries may also depute its representatives regularly to the project site for physical inspection/verification. • PMU at NFDB will undertake regular monitoring of implementation of CSS & CS. • Mid-term correctives will be arrived only after recommendation of SLAMC /UTLAMC & PAC, further consideration and approval by DoF. • Implementing agency will submit detailed progress report both physical & financial to DoF and NFDB on quarterly basis till the project is completed in all respects.
13	Post Development Management of Facilities	<ul style="list-style-type: none"> • The project beneficiary agency/EIAs will bear all expenses towards maintenance, management and operational of the facilities created under PMMSY. • Resolving of legal disputes /Court verdicts will be the sole responsibility of the concerned State / UT / Implementing agency/beneficiary organizations and financial implications on the same will be met by the concerned.
14	Private Sector Participation, Public Private Partnership (PPP) and Viability Gap Funding (VGF)	<ul style="list-style-type: none"> • In the second year of implementation DoF would commission a study in consultation with NITI Aayog to identify large fisheries infrastructure activities that can be developed and managed on PPP mode. • The study will help to arrive on the Viability Gap Funding (VGF) for fisheries infrastructure projects to be taken up on PPP mode.

15	Special Purpose vehicle (SPVS), Societies, companies including Joint Venture Companies (JVCS), Fish Farmers Producer Organizations/ Companies (FFPOS/ CS) and others	<ul style="list-style-type: none"> • To set up 500 Fish Farmers Producer Organizations/ Companies (FFPOs/Cs) in order to economically empower the fishers and fish farmers and enhance their bargaining power. • The cost norms, guidelines and modalities, etc. for setting up and handholding of FFPOs/Cs would be finalised by the CAC.
16	Committed Financial Liabilities of CSS-Blue Revolution	<ul style="list-style-type: none"> • The CSS-Blue Revolution ended on 31st March 2020. The committed liabilities as on 1.4.2020 on account of the approved /ongoing projects under CSS-Blue Revolution will be borne, out of the PMMSY budgetary allocations, to ensure completion of ongoing activities/ projects subject to submission of UCs and progress reports by the States/UTs. • Pattern of assistance, approval and release shall continue to be as existed under CSS on Blue Revolution.
17	Technology	<ul style="list-style-type: none"> • Aims at technology infusion along the value chain for enhancing fish production and productivity, quality and hygiene and modernization and strengthening the supply and value chain.

18	Convergence	<ul style="list-style-type: none">• To achieve consolidated outcomes and save public resources, PMMSY envisages suitable linkages and convergences with various Central government schemes wherever feasible; eg: Sagarmala Programme, PMKSY, MGNREGS, RKVY, NRLM, KCC etc.
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Composition of State Level Approval and Monitoring Committee (SLAMC) for PMMSY

1	Secretary, In-charge of Fisheries of the State	Chairperson
2	Secretary (Agriculture)	Member
3	Secretary (Irrigation/Water Resources)	Member
4	Secretary (Panchayati Raj and Rural Development)	Member
5	One Representative of leading academic/research institution in fisheries sector at State level (to be decided by Secretary, In-charge of Fisheries of the State)	Members
6	Convener Bank of State Level Bankers Committee (SLBC)	Member
7	Director/Commissioner of Fisheries	Member-Secretary

Composition of the Union Territory Level Approval and Monitoring Committee (UTLAMC) for PMMSY

1	Secretary, In-charge of Fisheries of the Union Territory	Chairperson
2	Secretary (Agriculture)	Member
3	Secretary (Irrigation, Water Resources)	Member
4	Secretary (Panchayati Raj and Rural Development)	Member
5	Representatives of Fisheries Colleges of Central/State Agriculture/Fisheries Universities or Fisheries Institutions/ Representatives of ICAR Institutes	Members
6	Convener Bank of Union Territory Level Committee	Member
7	Director of Fisheries or In-charge of Fisheries Directorate in Union Territory	Member-Secretary

ANNEXURE-I

CENTRAL SECTOR SCHEME SUB-COMPONENTS/ACTIVITIES WITH 100% CENTRAL FUNDING UNDER PRADHAN MANTRI MATSYA SAMPAADA YOJANA

(From pages 54 to 73 of Guidelines)

SUB-COMPONENT	BACKGROUND AND BROAD ACTIVITIES COVERED	IMPORTANT TERMS & CONDITIONS
Genetic improvement programmes and Nucleus Breeding Centers (NBCs)	<ul style="list-style-type: none">• Development of genetically improved strains of finfish, shellfish like Seabass, Tilapia, Prawns/Shrimps etc. and seaweeds having economic value are supported under this programme.• Nucleus Breeding Centres (NBCs) priority is focused on shrimp species like <i>Peneaus monodon</i>, <i>Peneaus indicus</i> and <i>Litopenaeus vannamei</i>, etc.• Development of SPF Polychaetes through breeding/genetic improvement programme.	<ul style="list-style-type: none">• 100% Central funding on Genetic Improvement Programs and Nucleus Breeding Centre.• Unit cost and Central financial assistance will be decided by the CAC on a case to case basis.
Innovations and Innovative projects/activities, Technology demonstration including start-ups, incubators and pilot projects.	Pilot based projects, start-ups in fisheries, fisheries incubators centres (FIC), block chain, activities like sea ranching, harnessing of krill quota, new advances in aquaculture and capture fisheries, innovative approaches to addressing malnutrition, ornamental fishes as pets/hobby, dissemination its importance in public sectors.	<ul style="list-style-type: none">• 100% Central funding, Central financial assistance will be decided by the CAC on a case to case basis• The unit cost will be as follows:<ol style="list-style-type: none">a) Innovative projects-up to Rs. 1 croreb) Incubation Centres- up to Rs. 3 croresc) Technology Demonstration project- up to Rs. 2 croresd) Start-ups - up to Rs. 50 lakhse) Pilot projects- up to Rs. 2 croresf. Any other projects as recommended by CAC.

<p>Training, Awareness, Exposure and capacity Building</p>	<ul style="list-style-type: none"> • Special focus on Training, Awareness, Exposure and Capacity building of fishers, fish farmers, fish workers/vendors and officials. • To improve skills of fishers to take up alternative activities like lifeguards, beach tourist guides, etc. Target to train about 1.5 lakh beneficiaries by FY 2024-25 	<p>The listed activities are:</p> <ol style="list-style-type: none"> a) All states have to conduct a One-day state level Awareness cum Training Programme on PMMSY for the stake holders with at least 500 participants and for which central assistance of Rs. 5 lakhs will be provided. Additional fund if required will be met by the State. b) One-day district level/regional level (combining 2 to 3 districts, wherever possible) for creating awareness on PMMSY has to be conducted. Awareness cum Training Programme on PMMSY will be conducted for the stakeholders with not less than 500 participants by the state for which central assistance of Rs. 100,000 (for each program) will be provided. Additional fund if required will be met by the State.
<p>Aquatic Quarantine Facilities</p>	<p>The purpose and scope of setting up of Quarantine Stations in fisheries sector is to prevent the ingress of dangerous exotic diseases into the country through imported germ-plasma, live aquatic animal and aquatic products.</p>	<ul style="list-style-type: none"> • The operation and management (O&M) costs of the AQF should be borne by the concerned sponsoring entity. DoF shall not fund the recurring expenses for O&M. • Establishment AQF by DoF would be as per actual cost. In case of AQFs sponsored by States/UTs or their entities, Central government or their entities (other than DoF) the unit cost for each AQF will be as per DPR with an upper ceiling of Rs. 20 crores for project. • Additional costs, if any, over and above the ceiling, will have to be borne by these sponsoring entities.
<p>Modernization of fishing harbours of central government and its entities</p>	<p>Approximately 3 to 4 fishing harbours of central government and its entities will be modernized under Central Sector Scheme. Dovetailing of resources with Sagarmala of Ministry of Shipping will be explored.</p>	<ul style="list-style-type: none"> • Cost will be as per the actual requirement/need. Site specific DPR may be submitted to DoF. • The concerned port trust/Govt. body should indicate the existing management model of the fishing harbours and the system it would put in place for revamping the operation and management of the fishing harbour.

Disease Monitoring and Surveillance Network	National Surveillance Programme for Aquatic Animal Diseases (NSPAAD) 2 nd phase.	<ul style="list-style-type: none"> • Third party evaluation of the first phase of NSPAAD would be carried and findings are incorporated in the second phase to improve the deliverables. Till such time or until decided by CAC and DoF, 2nd phase of National Surveillance Programme on Aquatic Animal Diseases (NSPAAD) would be implemented by DoF on existing terms and conditions of NSPAAD Phase-I. • Based on the recommendations of CAC, any other Disease Monitoring and Surveillance Network project/activities in addition to or in lieu of NSPAAD may be taken up.
Fish data collection, fishers' survey and strengthening of fisheries database	Envisages strengthening of fisheries database which includes survey and regular census of inland and marine fishermen, resource/fish stock assessment (including seaweeds), documentation, etc.	<p>The following items are included under this sub-component</p> <ol style="list-style-type: none"> a) Survey and regular census of Inland and Marine fishers b) Survey of Resource/Fish Stock assessment (including seaweeds) c) Documentation d) Validation of marine Fisheries stock for their conservation and management and productive utilization e) Impact study on fishing activities and documentation for marine animal specially for protected/endangered species etc. f) Formulation and implementation of fisheries management plan g) All the above items will be implemented as per actuals by DoF.
Support to security agencies to ensure safety and security of marine fishermen at sea	Security agencies involved in safeguarding safety and security of fishermen at sea and engaged in monitoring and surveillance in the maritime zones of India for securing India from sea-based threats will strengthen agencies by providing regulatory	<ul style="list-style-type: none"> • The allocated fund will be provided to Coast Guard and other security agencies including state security agencies like Marine Police or any other security agencies designated by the State Govt. • The Security agencies should certify that the proposed infrastructure is not provided for, under their regular budget or any other sources.

	infrastructure including boats, devices, equipment, etc.	
Fish Farmers Producer Organizations/Companies (FFPOs/Cs)	<ul style="list-style-type: none"> Proposed to set up 500 Fish Farmers Producer Organizations/Companies (FFPOs/Cs) to economically empower the fishers and fish farmers and enhance their bargaining power. The cost norms, guidelines and modalities, etc. for setting up and handholding of FFPOs/Cs would be finalized by the CAC as per the specific needs and requirements of fisheries sector. 	<ul style="list-style-type: none"> Existing cost norms and guidelines of FFPO scheme being implemented by the Department of Agriculture, Cooperation and Farmers Welfare will be followed till DoF works out the guidelines. Efforts would also be made to foster linkages with Dept. of Agriculture, cooperation and Farmers welfare, NABARD, NCDC etc. in order to extend credit guarantee cover to FFPOs/Cs to the extent possible.
Certification, accreditation, traceability and labelling.	A system of seed and feed certification and accreditation needs to be setup for fin fish and shellfish. Aspects of accreditation are dealt by National Accreditation Board for Certification Bodies (NABCB). NABCB may approve certain Inspection Bodies (IBs)/Certifying Bodies (CB) under Quality Management System (QMS), for fish/ shrimp hatcheries and feed mill.	Detailed operational guidelines for this sub-component would be worked out and issued in due course of time.

ANNEXURE II

BENEFICIARY ORIENTED ACTIVITIES UNDER CENTRALLY SPONSORED COMPONENTS OF PMMSY

BENEFICIARY ORIENTED SUB-COMPONENTS AND ACTIVITIES						Details in Page No of Guidelines
S. No.	Sub-component and Activities	Unit	Unit cost (Rs. lakhs)	Governmental Assistance (Rs. lakhs)		
				General (40%)	SC/ST/Women (60%)	
A	ENHANCEMENT OF PRODUCTION AND PRODUCTIVITY					
1.	Development of Inland Fisheries and Aquaculture					
1.1	Establishment of New Freshwater Finfish Hatcheries	(No)	25.00	10.00	15.00	74 - 76
1.2	Establishment of New Freshwater Scampi Hatcheries	(No)	50.00	20.00	30.00	76 - 77
1.3	Construction of New Rearing ponds (nursery/seed rearing ponds)	(Ha)	7.00	2.80	4.20	77 - 78
1.4	Construction of New Grow-out ponds	(Ha)	7.00	2.80	4.20	78 - 80
1.5	Inputs for freshwater Aquaculture including Composite fish culture, Scampi, Pangasius, Tilapia etc.	Ha)	4.00	1.60	2.40	80
1.6	Establishment of need based New Brackish Hatcheries (shellfish and fin fish)	No)	50.00	20.00	30.00	80 - 82
1.7	Construction of New ponds for Brackish Water Aquaculture	Ha)	8.00	3.20	4.80	82
1.8	Construction of New ponds for Saline /Alkaline areas	(Ha)	8.00	3.20	4.80	82 - 85
1.9	Inputs for Brackish Water Aquaculture	(Ha)	6.00	2.40	3.60	85
1.10	Inputs for Saline /Alkaline Water Aquaculture	(Ha)	6.00	2.40	3.60	85
1.11	Construction of Biofloc ponds for Brackish water/Saline/Alkaline areas including inputs of Rs.8 lakhs/Ha	0.1 Ha	18.00	7.20	10.80	85 - 86
1.12	Construction of Biofloc ponds for Freshwater areas including inputs of Rs.4 lakhs/Ha	0.1 Ha	14.00	5.60	8.40	86 - 87

S. No.	Sub-component and Activities	Unit	Unit cost (Rs. lakhs)	Governmental Assistance (Rs. lakhs)		Details in Page No of Guidelines
1.13	Stocking of Fingerlings in Reservoirs @1,000 FL/ha (Rs.3 lakh/ 1 lakh FL)	(Ha)	Rs.3/Fingerling	Rs.1.2/Fin gerling	Rs.1.8/Fi ngerling	87 – 88
1.14	Stocking of Fingerlings in Wetlands @1,000 FL/ha (Rs.3 lakh/1 lakh FL)	(Ha)	Rs.3/Fingerling	Rs.1.2/Fin gerling	Rs.1.8/Fi ngerling	88 – 89
2.	Development of marine fisheries including mariculture and seaweed cultivation					
2.1	Establishment of Small Marine Finfish Hatcheries	(No)	50.00	20.00	30.00	90
2.2	Construction of large Marine Finfish Hatcheries	(No)	250.00	100.00	150.00	90 – 92
2.3	Marine Finfish Nurseries	(No)	15.00	6.00	9.00	92 – 94
2.4	Establishment of Open Sea cages (100-120 cubic meter volume)	(No)	5.00	2.00	3.00	94 – 96
2.5	Establishment of Seaweed culture rafts including inputs (per raft).	(No)	0.015	0.006	0.009	96 – 97
2.6	Establishment of Seaweed culture with Monoline/tubenet Method including inputs (one unit is approximately equal to 15 ropes of 25m length)	No	0.08	0.032	0.048	97 – 98
2.7	Bivalve cultivation (mussels, clams, pearl etc.)	(No)	0.20	0.08	0.12	98 – 99
3	Development of fisheries in North-eastern and Himalayan States/Himalayan UT					
3.1	Establishment of Trout Fish Hatcheries.	(No)	50.00	20.00	30.00	99 – 101
3.2	Construction of Raceways of minimum of 50 cubic meter	(No)	3.00	1.20	1.80	101 - 103
3.3	Inputs for Trout Rearing Units.	(No)	2.50	1.00	1.50	103
3.4	Construction of New Ponds.	(Ha)	8.40	3.36	5.04	103 – 104
3.5	Establishment of Medium RAS for Cold water Fisheries. (with 4 tanks of minimum 50 m ³ /tank capacity and fish production capacity of 4 ton/crop)	(No)	20.00	8.00	12.00	105
3.6	Establishment of large RAS for cold water fisheries (with 10 tanks of minimum 50 m ³ /tank capacity and fish production capacity of 10 ton/crop)	(No)	50.00	20.00	30.00	105 – 108

S. No.	Sub-component and Activities	Unit	Unit cost (Rs. lakhs)	Governmental Assistance (Rs. lakhs)		Details in Page No of Guidelines
3.7	Input support for Integrated fish farming (paddy cum fish cultivation, livestock cum fish, etc).	(Ha)	1.00	0.40	0.60	108 – 110
3.8	Establishment of Cages in cold water regions.	No	5.00	2.00	3.00	110 -111
4	Development of ornamental and recreational fisheries					
4.1	Backyard Ornamental fish Rearing unit (both Marine and Fresh water)	(No)	3.00	1.20	1.80	112 – 113
4.2	Medium Scale Ornamental fish Rearing Unit (Marine and Freshwater Fish)	(No)	8.00	3.20	4.80	114 – 115
4.3	Integrated Ornamental fish unit (breeding and rearing for freshwater fish)	(No)	25.00	10.00	15.00	115
4.4	Integrated Ornamental fish unit (breeding and rearing for marine fish)	(No)	30.00	12.00	18.00	115 – 117
4.5	Establishment of Freshwater Ornamental Fish Brood Bank.	(No)	100.00	40.00	60.00	117 – 118
4.6	Promotion of Recreational Fisheries.	No	50.00	20.00	30.00	118 – 120
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 1.5 high) culture system.	No.	50.00	20.00	30.00	120
5.2	Establishment of Medium RAS (with 6 tank of minimum 30m3/tank capacity 10ton/crop)/ Biofloc culture system (25 tanks of 4m dia and 1.m	(No)	25.00	10.00	15.00	120
5.3	Establishment of small RAS (with 1 tank of 100m3 capacity/Biofloc (7 tanks of 4m dia and 1.5 high) culture system	No	7.50	3.00	4.50	121
5.4	Establishment of Backyard mini RAS units	No.	0.50	0.20	0.30	121 – 122
5.5	Installation of Cages in Reservoirs	No.	3.00	1.20	1.80	123 – 124
5.6	Pen culture in open water bodies	Ha.	3.00	1.20	1.80	124 - 126

S. No.	Sub-component and Activities	Unit	Unit cost (Rs. lakhs)	Governmental Assistance (Rs. lakhs)		Details in Page No of Guidelines
B	INFRASTRUCTURE AND POST-HARVEST MANAGEMENT					
6	Post-harvest and cold chain infrastructure					
6.1	Construction of Cold Storages/Ice Plants					
	Plant/storage of minimum 10-ton capacity.	No	40.00	16.00	24.00	126
	Plant/storage of minimum 20-ton capacity.	No	80.00	32.00	48.00	126
	Plant/storage of minimum 30-ton capacity	No	120.00	48.00	72.00	126
	Plant of minimum 50-ton capacity.	No	150.00	60.00	90.00	126 – 128
6.2	Modernization of Cold storage /Ice Plant	No	50.00	20.00	30.00	128 – 129
6.3	Refrigerated vehicles	No	25.00	10.00	15.00	129 – 130
6.4	Insulated vehicles	No	20.00	8.00	12.00	130
6.5	Motorcycle with Ice Box	No	0.75	0.30	0.45	130
6.6	Cycle with Ice Boxes	No	0.10	0.04	0.06	130
6.7	Three-wheeler with Ice Box including e-rickshaws for fish vending	No	3.00	1.20	1.80	130
6.8	Live fish vending Centres	(No)	20.00	8.00	12.00	130 – 131
6.9	Fish Feed Mills					
(a)	Mini Mills of production Capacity of 2 ton /Day	No	30.00	12.00	18.00	131
(b)	Medium Mills of production Capacity of 8 ton /Day	No	100.00	40.00	60.00	131 – 132
(c)	Large mills of production Capacity of 20 ton /Day	No	200.00	80.00	120.00	132 – 134
6.10	Fish Feed Plants of production Capacity of at least 100 ton /Day.	No	650.00	260.00	390.00	134
7	Markets and marketing infrastructure					
7.1	Construction of fish retail markets including ornamental fish/aquarium markets.	No	100.00	40.00	60.00	134
7.2	Construction of fish kiosks including kiosks of aquarium/ornamental fish	No	10.00	4.00	6.00	134
7.3	Fish Value Add Enterprises Units	No	50.00	20.00	30.00	134 - 138
7.4	E-platform for e-trading and e-marketing of fish and fisheries products	DPR/ SCP				138

S. No.	Sub-component and Activities	Unit	Unit cost (Rs. lakhs)	Governmental Assistance (Rs. lakhs)		Details in Page No of Guidelines
8	Development of deep-sea fishing					
8.1	Support for acquisition of Deep-sea fishing vessels for traditional fishermen	No	120.00	48.00	72.00	139 - 141
8.2	Up gradation of existing fishing vessels for export Competency	No	15.00	6.00	9.00	141 – 143
8.3	Establishment of Bio-toilets in mechanised fishing vessels	No	0.50	0.20	0.30	143 - 144
9	Aquatic health management					
9.1	Establishment of Disease diagnostic and quality testing labs	No	25.00	10.00	15.00	145
9.2	Disease diagnostic and quality testing Mobile labs/clinics	No	35.00	14.00	21.00	145 – 148
C	FISHERIES MANAGEMENT AND REGULATORY FRAMEWORK					
10	Monitoring, Control and Surveillance (MCS)					
10.1	Communication and /or Tracking Devices for traditional and motorised vessels like VHF/DAT/NAVIC/Transponders etc	No.	0.35	0.14	0.21	148 – 150
11	Strengthening of safety and security of fishermen					
11.1	Support for providing safety kits for fishermen of Traditional and motorized fishing vessels (other than Communication and/or Tracking Device mentioned at 10.1 above)		1.00	0.40	0.60	150 – 151
11.2	Providing boats (replacement) and nets for traditional fishermen	No.	5.00	2.00	3.00	151 – 152
11.3	Support to Fishermen for PFZ devices and network including the cost of installation and maintenance etc.	No	0.11	0.044	0.066	152 – 153
12	Fisheries extension and support services					
12.1	Extension and support Services: MATSYA SEVA KENDRA	No	25.00	10.00	15.00	154 – 157
13	Livelihood and nutritional support for fishers for conservation of fisheries resources					
13.1	Livelihood and nutritional support for socio-economically backward active traditional fishers' families for conservation of fisheries resources during fishing ban/lean period.					157 – 159
14	Insurance of Fishing Vessels and Fishermen					
14.1	Insurance to fishers	Nos				159 -160
14.2	Insurance premium subvention for fishing vessels					160

ANNEXURE III

NON-BENEFICIARY ORIENTED ACTIVITIES UNDER CENTRALLY SPONSORED COMPONENTS OF PMMSY

Sl. No	Name of activities	Unit	Unit Cost (Rs. in lakhs)	Central Assistance (Rs in lakhs)			Page No in the PMMSY Guidelines
				General States	North-eastern & Himalayan States	UTs	
A	ENHANCEMENT OF FISH PRODUCTION AND PRODUCTIVITY						
1	Development of inland fisheries and aquaculture						
1.1	Establishment of Brood Banks (including seed banks for seaweeds)	No.	500	300	450	500	161 - 167
1.2	Integrated Development of Reservoirs (Large) (Area: more than 5000 hectares)	No	600	360	540	600	167 – 170
1.2.1	Integrated Development of Reservoirs (Medium) (Area: 1000 to 5000 hectares)	No	400	240	360	400	168 – 170
1.2.3	Integrated Development of Reservoirs (Area: less than 1000 hectares)	No	300	180	270	300	168 – 170
1.3	Integrated Aqua Parks (IAPs)	No.	10,000	6,000	9,000	10,000	170 – 174
2	Development of fisheries in the Himalayan and North-Eastern States/UTs						
2.1	Support to states for import of germplasm.	Need based					174
B	INFRASTRUCTURE AND POST-HARVEST MANAGEMENT						
3.1	Construction/Expansion of Fishing Harbours.	No	20,000	12,000	---	20,000	174 – 177
3.2	Modernization/Up-gradation of existing Fishing Harbours	(No)	5,000	3,000	---	5,000	177 – 179

3.3	Modern Integrated Fish Landing Centres	(No)	2,500	1,500	2,250	2,500	179 – 181
3.4	Maintenance of Dredging of existing FHs	(No)	500	300	---	500	181 – 182
4	Markets and marketing infrastructure						
4.1	Construction of state of art wholesale fish market.	No	5,000	3,000	4,500	5,000	182 – 185
Sl. No	Name of activities	Unit	Unit Cost (Rs. in lakhs)	Central Assistance (Rs in lakhs)			Page No in the PMMSY Guidelines
				General States	North-eastern & Himalayan States	UTs	
4.2	Organic Aquaculture Promotion and Certification	DPR/SCP based					185
4.3	Promotion of Domestic fish consumption, branding, Fish mark, GI in fish, Himalayan Trout-Tuna branding, Ornamental fish promotion and branding etc.	DPR/SCP based					185
5	Development of deep-sea fishing						
5.1	Promotion of technologically advanced vessels to marine fishermen/fishermen groups through State/UT Governments	No.	5,000	3,000	---	5,000	185 – 187
6	Integrated modern coastal fishing villages						
6.1	Integrated modern coastal fishing villages	No	750	450	---	750	187 – 194
7	Aquatic Health Management						
7.1	Aquatic Referral Labs for Quality Testing and Disease Diagnostics.	No	1,000	600	900	1,000	194 - 200
C	FISHERIES MANAGEMENT AND REGULATORY FRAMEWORK						
8	Monitoring, Control and Surveillance (MCS)						

8.1	Common Infrastructure for MCS including Hub stations, towers, IT based software, peripherals, networks and operations etc.	No	DPR Based				200 -201
9	Fisheries extension and support services						
9.1	Multipurpose Support Services – Sagar Mitra (performance-based incentives along with requisite IT/Communication support like Tablet/mobile telephony etc. would be provided to Sagar Mitras)	No	12.40	7.44	---	12.40	201 - 207