ANNEXURE-I

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

SI.	Sub-component	Background and Broad Activities	Terms and Conditions
No		covered	
(i)	(ii)	(iii)	(iv)
1	Genetic improvement programmes and Nucleus Breeding Centers (NBCs)	Development of genetically improved strains of finfish, shellfish and seaweeds having economic value is an important intervention for increasing the production and attaining self-reliance and long- term sustainability of aquaculture in the country. The PMMSY would support genetic improvement programmes for seaweeds, finfish and shellfish like Seabass, Tilapia, Prawns/Shrimps etc. Furthermore, under PMMSY establishment of Nucleus Breeding Centres (NBCs) in the country for priority shrimp species like <i>Peneaus monodon,</i> <i>Peneaus indicus</i> and <i>Litopenaeus vannamei, etc.</i> will be supported. Given the need for disease/pathogen free Polychaetes in shrimp farming, PMMSY will extend support for development of SPF Polychaetes through breeding/genetic improvement programme. Species of Interest: Economically Important species like • Finfish (Sea Bass, Tilapia etc) • Shellfish (Prawn, <i>Penaeus indicus, Penaeus monodon,</i> <i>Litopenaeus vannamei</i> etc) • Seaweed	 (i) The activities under this sub-component will be implemented on DPR mode. The End Implementing Agencies (EIA) must submit Detailed Project Report (DPR) providing necessary justification, technical-economical details, species considered, capital cost, recurring cost involved, post construction management and operation of the NBC and other infrastructure, anticipated direct & indirect employment generation to local population, specific time lines for implementation of project etc. (ii) The Genetic Improvement Programs and Nucleus Breeding Centre can be proposed by EIAs with 100% central funding. (iii) EIA will provide documentary evidence of availability of requisite land (either own/registered lease

 SPF Polychaetes (Due to the importance for Shrimp farming) Any other species as may be decided by DoF In case of fresh water species good quality fresh water source like river, canal etc. should be available. In case of marine species, good quality sea water should be available. Also, the desired species for which the facility to be set up must have local demand. 	document). In case of leased land, the lease period should not be less than 10 years from the date of submission of DPR/SCP and registered lease document should be included in the DPR/SCP /SCP. (iv) The unit cost and Central Governmental financial assistance will be decided by the CAC for each project on a case to case basis.
 Components: Sheds and Building for NBC including Brood stock holding facility, Milt/Egg collection unit, hatching facility, rearing unit, Boundary walls /Fencing for Bio-Security measures Cryo-milt preservation facility (wherever required) Disinfection facilities Clean water source Effluent Treatment System (ETS) Capacity Building/Awareness program for importance of Genetic improvement Disease Diagnostic Laboratory Disposal facilities 	(v) Further, implementation of the activities under this sub-component on a convergence mode with the other central governmental and their entities including states will encouraged.

		• Any other facilities required		
		for specific location/species		
2	Innovations and Innovative projects/activitie s, Technology demonstration including startups, incubators and pilot projects.	Innovations and innovative activities related to fisheries and aquaculture including pilot projects will be encouraged and supported under PMMSY. Besides, startups 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 address malnutrition, innovative approaches like promotion of ornamental fishes as pets/hobby, dissemination of importance of fisheries through installation and operation of aquaria in public places/schools/government offices or any other activity as approved by CAC will be supported under this sub-component. The CAC of PMMSY will be competent to approve activities to be taken up under this sub-component.	(i) (ii) (iii) (iv)	Project will be taken up on Detailed Project Report (DPR) mode. The unit cost of each project will be evaluated on case to case basis and approved by CAC. The unit cost will be limited as follows: a. Innovative projects-up to Rs. 1 crores b. Incubation Centres- up to Rs. 3 crores c. Technology Demonstration project- up to Rs. 2 crores d. Startups up to Rs. 50 lakhs e. Pilot projects- up to Rs. 2 crores f. Any other projects as recommended by CAC. In the case of direct beneficiary oriented i.e. individual/group activities undertaken for the above projects from (iii) a to f, the same will be done through entities of central government including National Fisheries Development

		Board (NFDB). In such cases the central assistance will be up to 40% of the unit/project cost for General category and 60% for SC/ST/Women category.
	(v)	Projects of higher outlay would be supported for (iii) a to f on a case to case basis based on necessity by the DoF on recommendations of CAC.
	(vi)	Whenever implementation of activities under this sub- component is directly done by DoF or through its entities the project outlay would be as per actual cost.
	(vii)	The End Implementing Agencies(EIA)/Beneficiar y will submit Detailed Project Report (DPR) with necessary justification, techno- economical details, species considered, capital cost, recurring cost involved, post construction management and operation of Innovations and Innovative projects/activities, Technology
		demonstration including startups, incubators and pilot projects and other infrastructure/institution

			proposed, anticipated direct & indirect employment generation and specific time lines for implementation of project etc. (viii) (EIA)/Beneficiary will provide documentary evidence of availability of requisite land (either own/registered lease document). In case of leased land, the lease period/agreement shall not be less than a minimum period of period of 10 years from the date of submission of DPR/SCP for infrastructure projects. Whereas for non- infrastructure projects the lease period/agreement shall not be less than 7 (seven) years from the date of submission of DPR/SCP. The registered lease document should be included in the DPR/SCP.
3	Training, Awareness, Exposure and capacity Building	Under PMMSY, special focus will be accorded for Training, Awareness, Exposure and Capacity building of fishers, fish farmers, fish workers/vendors and officials. Steps would be taken to improve skills of fishers to take up alternative activities like lifeguards, beach tourist guides, etc. A comprehensive action plan will be drawn up to train about 1.5 lakh	 (i) Project will be taken up on Detailed Project Report (DPR) mode. (ii) A comprehensive Operational Guidelines for Training, Awareness, Exposure and capacity Building will be prepared and issued in due course with the approval of the CAC and DoF.

		beneficiaries by FY 2024-25	(iii) Till such time, the following activities are approved.
			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 lakh 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.
0	Aquatic Quarantine Facilities	Due to increased and faster international trade in fisheries sector, there is possibility of ingress of known and unknown transmissible diseases which have	(i) Setting up of Aquatic Quarantine Facilities would be supported on 100% Central Assistance.

the potential of very serious and rapid spread, adverse socio- economic and aquatic animal/human health consequences. 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. Under PMMSY, special focus will be given for establishment of aquatic quarantine facilities in the country.	 (iii) Central Government or its entities/State Government or its entities are eligible for seeking assistance for establishing AQFs with 100% central funding. However, 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. (iv) DoF may fund establishing and running AQFs under its administrative control i.e. through the Directorate
	 of Aquatic Quarantine of DoF. (v) Site should preferably be in the vicinity/close proximity of an international port of entry.
	 (vi) Access to good quality water source should be available. (vii) Establishment AQF by DoF would be as per actual cost. In case of

			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.
5	Modernization of fishing harbours of central government and its entities	At present, the landing and berthing facilities developed or being developed can meet the needs of around 40% of the total fishing fleet. Fish importing nations are insisting on clean and hygienic landing places and there is need for modernize the fishing harbours to improve the hygienic conditions to ensure quality of fish landed. Furthermore, the existing harbours need to be modernized and required structural changes are made to suit the present requirements. Few major fishing harbours developed in the past are under the control of Port Trusts. Therefore, modernization of such fishing harbours of Gol has been considered as priority activities under the Central Sector Scheme of the PMMSY. The projects will be implemented on DPR mode. Approximately 3 to 4 fishing harbours of central government and its entities will be modernized. Dovetailing of resources with Sagarmala of Ministry of Shipping will be explored	 (i) The concerned port trust/government or its entity shall provide justification for the modernization of existing fishing harbour. (ii) The available fleet size shall be specified. (iii) Economic analysis will be included in the DPR/SCP. (iv) Techno Economic Feasibility reports will be submitted. (v) EIA study, Environmental Clearance, CRZ clearance if required shall be obtained (vi) All the subcomponents will be considered based on the DPR and need based by DoF. (vii) The End Implementing Agencies(EIA) will submit Detailed Project Report (DPR) with necessary justification, techno-economic details, capital cost, post construction management and operation for Modernization of fishing

		Components	harbours of central
		• Extension / renovation of	
		existing breakwater. Repair and	5
		maintenance of breakwater	&indirect employment
		Extension/ renovation of	1,7
		landing Jetty/ wharf.	lines for implementation of
		Repair/Maintenance of wharf.	project etc.
		Renovation / modernization	project etc.
		of Auction halls, Net Mending	(viii) Cost will be as per the
		sheds, Workshop facilities,	actual requirement/need. Site
		Slipways, Public toilets	specific DPR may be submitted
		Renovation/ Modernization	to DoF.
		/ Additional facilities for Ice plant,	(ix) The concerned port
		Cold storage etc.	trust/Govt. body should
		Renovation / modernization	,
		of Water supply arrangements	management model of the
		Renovation / Modernization	3
		of Electrical arrangements	system it would put in place
		Repairs / renovation of	
		approach and internal roads.	and management of the
		Dredging of Fishing	3
		harbour	one of the key conditions.
		Effluent Treatment Plant	one of the key conditions.
		(ETP) / it's maintenance	
6	Support to	Four Fisheries Institutions namely	1. National Fisheries
	National	(i) Fishery survey of India (FSI), (ii)	
	Fisheries	Central Institute of Fisheries	-
	Development	Nautical and Engineering Training,	
	Board (NFDB),	(CIFNET), (iii) National Institute of	based fisheries activities
	Fisheries	Fisheries Post Harvest Technology	including beneficiary-oriented
	Institutions and	and Training (NIFPHATT) and (iv)	ones within the ambit of Central
	Regulatory	Central Institute of Coastal	Sector Scheme. Support will also
	Authorities of	Engineering for Fishery (CICEF) are	be provided to NFDB for need
	Department of		based infrastructure of NFDB.
	Fisheries,	administrative control of the	
	Government of	Department of Fisheries. The	NFDB would prepare an Annual
	India and need	Coastal Aquaculture Authority	Action Plan and get it approved
	based assistance	(CAA) was established in 2005 to	by its Executive Committee (EC)
	to State	regulate the coastal aquaculture	and send the proposal to DoF
	Fisheries	activities in the country. Further a	for approval.
	Development	Directorate of Aquatic Quarantine	
	Boards.	is also within the Department.	The Annual Action Plan of NFDB
1		National Fisheries Development	will be appraised by an

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	Board (NFDB) with its head office at Hyderabad has been set up in July, 2006 and it has been registered under the Andhra Pradesh Societies Registration Act, 2001. The NFDB was set up to bring activities relating to fisheries and aquaculture for focused attention and professional management along with other objectives. The PMMSY also envisages State Fisheries Development Boards (SFDBs) as one of end implementing agencies. Similarly, NFDB, Fisheries Institutions of DoF, Regulatory Authorities of DoF such as CAA, Directorate of Aquatic Quarantine, State Fisheries Development Boards would be strengthened by providing them with need-based supports in terms of infrastructure, etc. It is necessary to strengthen the aforesaid entities by providing need-based supports in terms of infrastructure etc. and new entities if any, established by DoF during the course of implementation of PMMSY would also be supported in terms of infrastructure etc. NFDB would also take up need- based fisheries development activities with the funds provided to it within the ambit of the Central Sector Scheme	placing in CAC for recommending to DoF for its approval. DoF in turn will release the funds as per approved Annual Action Plan to NFDB. DoF on recommendations of CAC may entrust NFDB with the responsibilities of implementation of any other feasible sub- components/activities under the central sector scheme component including beneficiary-oriented ones. The requisite funds for the same will be sanctioned by DoF and released to NFDB. It is desirable that the NFDB make a Comprehensive Annual Action Plan duly indicating the same Support will also be provided for need based infrastructure to Fishery Survey of India (FSI), Central Institute of Fisheries Nautical & Engineering Training (CIFNET), National Institute of Fisheries Post Harvest Technology and Training (NIFPHATT), Central Institute of Coastal Engineering for Fishery (CICEF), Coastal Aquaculture Authority (CAA), Directorate of Aquatic Quarantine, State
	NFDB would also take up need- based fisheries development activities with the funds provided	Coastal Engineering for Fishery (CICEF), Coastal Aquaculture Authority (CAA), Directorate of
		based on Detailed Project Report (DPR) and the quantum

			of support would be based on actual need and as decided by the DoF as per recommendations of CAC. However, the support to State Fisheries Development Boards for their infrastructure i.e. technical civil works inducing procuring furniture, computers and other communication devices etc. would be limited to a maximum of Rs 50 lakhs per SFDB as a onetime grant.
7	Support for survey and training vessels for Fisheries Institutes including dredger TSD Sindhuraj owned by the DoF and Gol.	It is necessary to strengthen the fisheries institutes especially (i) Fishery survey of India (FSI) and (ii) Central Institute of Fisheries Nautical and Engineering Training, (CIFNET) by providing need-based support for acquisition of modern resource survey/training vessels and up-gradation of existing survey/training vessels and capacity building etc.	 (i) Project will be taken up on Detailed Project Report (DPR) mode for procurement of survey and training vessels for Fisheries Institutions of FSI involved in fisheries survey and CIFNET involved in imparting training and undertaking course. The expenditure in taking up these activities would as per actuals. The unit cost of each project will be evaluated on case to case basis and recommended by CAC (ii) Department of Fisheries had in December, 1999 procured a Trailer Suction Hopper Dredger "TSD Sindhuraj" under Japanese Grant-in-aid Programme to carry out maintenance dredging at the fishing harbours. It is proposed to manage and upkeep this dredger under the PMMSY.
8	Disease Monitoring and Surveillance Network	Surveillance programme for monitoring and controlling spread of fish diseases of national and international significance has	(i) The disease monitoring and surveillance programme i.e. National Surveillance Programme on Aquatic Animal
	Network	become a primary concern for	Diseases (NSPAAD) will be

terms and conditions of	9 F	Fish data	Realizing the importance of such a programme, Department of Fisheries (DoF) has initiated a National Surveillance Programme for Aquatic Animal Diseases (NSPAAD) in 2013. Currently, this programme is being implemented in 15 states of aquaculture importance and Union Territory of Andaman and Nicobar Islands, through 24 National/State Fisheries Institutes. The 2 nd phase of National Surveillance Programme on Aquatic Animal Diseases (NSPAAD) will be supported under PMMSY with active involvement of States/UTs.	 (ii) The 2nd phase of National Surveillance Programme on Aquatic Animal Diseases (NSPAAD) will be taken up with active involvement of stakeholders especially states/UT governments and research institutions. (iii) Third party evaluation of the first phase of NSPAAD would be done and the learnings if any would be 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 exiting terms and conditions of NSPAAD phase-I given the larger public interest/importance attached to this programme (iv) The DoF on recommendations of CAC may take up any other Disease Monitoring and Surveillance Network project/activities in addition to or in lieu of NSPAAD
collection,database is a vital input for fishers' surveyunder this sub-componentfishers' surveyplanning and formulations of formulations of(i)			-	-

	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. In addition, specific studies aimed at validation of marine fisheries stocks for their conservation, management and productive utilization, documentation of impact of fishing activities on other marine animals especially protected species etc. would be supported. Need based support would be provided for formulation and implementation of Fisheries Management Plans with the available funds.	Stock assessment (including seaweeds) (iii) Documentation (iv) Validation of marine Fisheries stock for their conservation and management and productive utilization (v) Impact study on fishing activities and documentation for marine animal specially for protected/endangered species etc. (vi) Formulation and implementation of fisheries management plan
10	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. The agencies are engaged in monitoring and surveillance in the maritime zones of India for securing India from sea-based threats. It is proposed to strengthen such agencies by providing requisite regulatory infrastructure including boats, devices, equipment, etc. under PMMSY. While priority will be given for central security agencies, wherever considered necessary the need-based support would be extended to state security	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.

		agencies as well.	fishermen get out of the infrastructure supported to security agencies should be indicated
			(iii) The Security agencies should certify that the proposed infrastructure is not provided for under their regular budget or any other sources.
			(iv) The proposal will be received by DoF and considered for approval by DoF on recommendation of CAC.
			(v) Security Agencies would be responsible for safe custody of the infrastructure.
			(vi) In addition to monitoring and surveillance in the maritime zones of India, the security agencies should support the local State/UT fisheries establishment during crisis and disasters.
			(vii) Wherever feasible, the infrastructure/equipment may also be used for imparting training to local youth by security agencies.
11	Fish Farmers Producer Organizations/C ompanies (FFPOs/Cs)	As announced in the Union Budget 2020, it is proposed to set up 500 Fish Farmers Producer Organizations/Companies (FFPOs/Cs) to economically empower the fishers and fish farmers and enhance their	and modalities, etc. for setting up and handholding of FFPOs/Cs would be prepared by the DoF and finalized by the CAC in due course. For this purpose, the

bargaining power. FFPOs/Cs will be set up with funding under PMMSY	being implemented by the
and the Department of Agriculture,	
Cooperation and Farmers Welfare,	-
Ministry of Agriculture and Farmers	Welfare as the basis.
Welfare wherever possible. The	
cost norms, guidelines and	
modalities, etc. for setting up and	(ii) Till such time, the DoF will
handholding of FFPOs/Cs would be	implement this activity based on
finalized by the CAC as per the	the existing cost norms and
specific needs and requirements of	guidelines of FPO scheme being
fisheries sector. For this purpose,	implemented by Ministry of
the CAC may take the cost norms	
and guidelines of FFPO scheme	-
being implemented by the	
Department of Agriculture,	
Cooperation and Farmers Welfare	
as the basis. Wherever feasible,	.
FFPOs/Cs would also be set up with	-
financial assistance from other	
central	guarantee cover to FFPOs/Cs to
Ministries/Departments/organizatio	5
ns. In order to optimize the	
outcomes of FFPOs/Cs, the CAC	
would be competent to decide on	
the upper ceiling of the total	
area/number of units of a particular	
activity that would be	
supported/assisted under PMMSY	
for taking up by FFPOs/Cs. Efforts	
would also be made to foster	
linkages with Department of	
Agriculture, Cooperation and	
Farmers Welfare, NABARD, NCDC,	
etc. in order to extend credit	
guarantee cover to the FFPOs/Cs to	
the extent possible.	
Scope:	
 To economically empower 	
the Fishers and Fish Farmers	
To enhance their bargaining	

	power	
►	To develop own marketing network	
FFPO/	Ative activities for a Company: Procurement of Inputs (Fish seed/Feed/Construction materials)	
2.	Pond Culture/Cage Culture/Pen Culture/Cage culture (Inland/Marine/Brackish water)/RAS/Raceways/Bio- floc, Fishing Activities for both inland and marine etc	
3.	Dissemination of technology	
4.	Innovative Fisheries activities	
5.	Primary Processing	
6.	Branding of the product	
7.	Development of Fish and Fishery Products/By- products	
8.	Quality Control	
9.	Cold chain Development	
10	Packaging/Levelling/Standa rdisation	
11.	Marketing	
12	. Export	
13	Any other fisheries related activity that would be suitable for undertaking by FFPOs/Cs	

10	Contification	A system of and and find	
12	Certification,	A system of seed and feed	(i) Will be implemented on
	accreditation,	certification and accreditation	DPR/Self Contained
	traceability and	needs to be setup for fin fish and	Proposal basis on
	labelling.	shell fish. Emerging concerns of	recommendations of
		presence of antibiotics and	CAC and approval of
		residues in shrimp needs to be	DoF.
		effectively addressed in order to	
		ensure that the marine exports	(ii) Detailed operational
		continue to show a sustained	guidelines for this sub-
		double-digit growth. A system of	component would be
		end to end traceability in fish	worked out and issued
		needs to be urgently put in place	in due course.
		including use of Block chain	
		technology. Under PMMSY, special	
		focus will be given for establishing	
		a comprehensive traceability and	
		labelling system using IT	
		applications wherever required.	
		Certification of aquaculture inputs	
		including seed and feed,	
		accreditation of production units	
		like brood banks, farms,	
		hatcheries, supporting extension	
		systems, etc. will be supported.	
		systems, etc. will be supported.	
		Any other need-based activity and	
		infrastructure related to	
		certification, accreditation,	
		traceability and labelling in fish will	
		be supported.	
		Aspects of asserbilitation are dealt	
		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.	
		Objective	
		Objective:For setting quality	
		 For setting quality 	

	r		
		standards for shell fish / fin fish hatcheries/Feed mills in India and ensuring that their production process conforms to norms of quality seed/feed. • Economically empower the hatchery owners/ feed mill • To ensure the availability and supply of quality fish/shrimp seed and feed to all farmers at a reasonable price • To keep traceability of Broodstocks and documentation of seed production in case of hatcheries and traceability of raw material, process documentation for feed mill. The Accreditation and Certification	
		systems will be made mandatory to all hatcheries of Finfish/Shell fish (Shrimp, Crab etc) and feed mills in India – under both private and public sector that undertake breeding of fish/ shrimp hatcheries and feed mill.	
		DoF would also work out suitable model for traceability and labelling for hatcheries, seed farm, fish/shrimp farm/capture fish etc.	
13	Administrative Expenses for implementation of PMMSY (to meet expenses of both for Central Sector and Centrally Sponsored Schemes components)		 (i) The overall Administrative Expenses for each project/schemes/sub components will not exceed 2.5% of the Central assistance. The broad activities under Administrative expenses are indicated at Para-18.1 to 18.4 of this Operational Guidelines.

 (ii) The DoF would be competent to decide on the modalities and guidelines including cost norms for incurring expenditure under Administrative expenses. This also includes the modalities, guidelines and cost norms for establishing and operating the Project Appraisal Committee (PAC) and Programme Monitoring Unit (PMU) in NFDB, Project Monitoring and Evaluation Unit (PMEU) in the DoF, State Programme Unit (SPU) at State/UT level, and District Programme Unit (DPU) at district level including necessary
arrangements/structure at the sub-district level. (iii) The nomenclature and scale of manpower, scale, their remuneration, eligibility criteria, etc. for establishing and operating the State/UT Programme Unit (S/UT PU) at State/UT level, District Programme Unit (DPU) at district level including necessary institutional arrangements/structure at the sub-district level are placed at

	ANNEXURE-IX of these Operational Guidelines. The monthly office expenses for these offices is also indicated ANNEXURE-IX.
	For the rest, details will be issued separately by the DoF.