



सत्यमेव जयते

Guidelines

Centrally Sponsored Scheme (CSS) on Blue Revolution: Integrated Development and Management of Fisheries

Department of Animal Husbandry, Dairying & Fisheries

Ministry of Agriculture and Farmers Welfare

Government of India

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Centrally Sponsored Scheme on Blue Revolution Pattern of Financial Assistance

(I) Beneficiary Oriented Projects Funded by DADF, Govt. of India

(A) Approved Project Cost Share			
Category	Govt. Assistance	Beneficiaries Share	Total
General Category	40%	60%	100%
SC/ ST/ Women & their Cooperatives	60%	40%	100%
(B) Central & State Share of Govt. Assistance			
Region	Central Share	State Share	Total
Other States	60%	40%	100%
North East & Hilly States	90%	10%	100%
Union Territories	100%	0%	100%

(C) Project Cost Sharing Percentage				
Region & Category of Beneficiaries	Govt. of India Share	State Govt. Share	Beneficiary Share	Total
Other States				
General Category	24%	16%	60%	100%
SC/ ST/ Women & their Cooperatives	36%	24%	40%	100%
North East & Hilly States				
General Category	36%	4%	60%	100%
SC/ ST/ Women & their Cooperatives	54%	6%	40%	100%
Union Territories				
General Category	40%	0%	60%	100%
SC/ ST/ Women & their Cooperatives	60%	0%	40%	100%

(II) Projects Implemented through NFDB by States/ Union Territories and Their Agencies/ Organizations/ Federations/ Cooperatives/ Institutes

Central & State Share			
Region	Central/ NFDB Assistance	State / UT Share	Total
Other States	50%	50%	100%
North East & Hilly States	80%	20%	100%
Union Territories/ Govt. of India Organizations/ Institutes	100%	0%	100%

Note: To ensure uniform funding pattern for Private Entrepreneurs and Individual Beneficiaries, conditions as given in Tables (I) A, B and C shall apply.

1. Introduction

Fisheries is a sunrise sector with varied resources and potential, engaging over 14.50 million people at the primary level and many more along the value chain. Transformation of the fisheries sector from traditional to commercial scale has led to an increase in fish production from 7.5 lakh tonne in 1950-51 to 107.95 lakh tonne during 2015-16, while the export earnings from the sector registered at around ₹ 33,441 crore in 2014-15 (US\$ 5.51 billion). The sector registered an overall annual growth rate of about 4% during the 11th Five Year Plan period. It has contributed about 0.91% to the National Gross Domestic Production (GDP) and 5.23% to the agricultural GDP (2014-15). Constituting about 6.30% of the global fish production and 5% of global trade, India has attained the second largest fish producing and second largest aquaculture nation in the world.

1.2 India is bestowed with varied potential resources in the form of rivers and canals (1.95 lakh km); floodplain lakes (7.98 lakh hectare); ponds and tanks (24.33 lakh hectare); reservoirs (29.26 lakh hectare) and brackish water (11.55 lakh hectare). The marine fisheries resources is estimated at 4.41 million metric tonne and its activities spread along the country's long coastline of 8118 km with 2.02 million square km Exclusive Economic Zone (EEZ) and continental shelf area of 0.53 million sq.km.

18.3 Foreseeing the high potential in the sector, the Hon'ble Prime Minister has called for "a revolution" in the fisheries sector and has named it as "**Blue Revolution**".

2. Blue Revolution - Neel Kranti Mission

Blue Revolution, the **Neel Kranti Mission** has the vision to achieve economic prosperity of the country and the fishers and fish farmers as well as contribute towards food and nutritional security through full potential utilization of water resources for fisheries development in a sustainable manner, keeping in view the bio-security and environmental concerns. The **Neel Kranti Mission, 2016 (NKM 16)**, being the year in which the Vision has been given by the Prime Minister will have multi-dimensional approach to all activities concerned with development of the fisheries sector as modern world class industry in India. It will focus on tapping the full production potential and enhance productivity substantially from aquaculture and fisheries resources, both inland and marine. Substantially increasing the share of Indian fisheries in the export area would be a key goal. It will ensure doubling the income of the fishers and fish farmers with inclusive participation of the socio-economically weaker sections and ensure sustainability with environment and biosecurity.

2.1 Vision

"Creating an enabling environment for integrated development of the full potential of fisheries of the country, along with substantially improvement in the income status of fishers and fish farmers keeping in view the sustainability, bio-security and environmental concerns."

2.2 Mission

- (i) Formulation of a Neel Kranti Mission Plan (Blue Revolution Mission Plan) for tapping the full potential of the inland and marine culture fisheries of the country by developing it as a professional modern world class industry

- (ii) Ensure doubling of income of fishers and fish farmers of the country
- (iii) Ensure sustainability of, bio-security and address environmental concerns for enabling sustainability of the fishing industry.

2.3 Objectives

- (i) To fully tap the total fish potential of the country both in the inland and the marine sector and triple the production by 2020
- (ii) To transform the fisheries sector as a modern industry with special focus on new technologies and processes
- (iii) To double the income of the fishers and fish farmers with special focus on increasing productivity and better marketing postharvest infrastructure including e-commerce and other technologies and global best innovations
- (iv) To ensure inclusive participation of the fishers and fish farmers in the income enhancement
- (v) To triple the export earnings by 2020 with focus on benefits flow to the fishers and fish farmers including through institutional mechanisms in the cooperative, producer companies and other structures
- (vi) To enhance food and nutritional security of the country.

3. Strategy – Central Sector Assistance Schemes

3.1 The Ministry of Agriculture and Farmers Welfare, Department of Animal Husbandry, Dairying & Fisheries has accordingly restructured the scheme by merging all the ongoing schemes under an umbrella of Blue Revolution. The restructured scheme provides focused development and management of fisheries, covering inland fisheries, aquaculture, marine fisheries including deep sea fishing, mariculture and all activities undertaken by the National Fisheries Development Board (NFDB).

3.2 The restructured Plan Scheme on “**Blue Revolution: Integrated Development and Management of Fisheries**” has been approved at a total central outlay of Rs.3000 crore for implementation during a period of five years (2015-16 to 2019-20) with the following components:

- (i) National Fisheries Development Board (NFDB) and its activities
- (ii) Development of Inland Fisheries and Aquaculture
- (iii) Development of Marine Fisheries, Infrastructure and Post-Harvest Operations
- (iv) Strengthening of Database & Geographical Information System of the Fisheries Sector
- (v) Institutional Arrangement for Fisheries Sector
- (vi) Monitoring, Control and Surveillance (MCS) and other need-based Interventions
- (vii) National Scheme of Welfare of Fishermen.

4. Central Financial Assistance

The scheme shall be implemented in accordance with the annual budgetary allocation in the Demand for Grants of the Ministry of Agriculture and Farmers Welfare and the Administrative Approval of the Scheme dated 20th May, 2016.

As per Lr. No. 27035-19/2015-Fy(IV), dated 28th September 2017 of the DADF, MoA, Govt. of India, read with Dept. of Expenditure, Ministry of Finance, vide its Note No. 05(29)/PF.II/2005, dated 12.09.2017, the Central Sector Scheme 'Blue Revolution: Integrated Development and Management of Fisheries' is to be implemented as a core Centrally Sponsored Scheme (CSS).

4.1 Accordingly, the subsidy and subsidy sharing pattern, especially beneficiary oriented components are revised as under and will be applicable from the financial year 2017-18 onwards:

- (i) For any proposal, the total admissible Government subsidy (Central + State) will be limited to 40% of the project cost for general category beneficiaries and 60% of the project cost for weaker sections like Scheduled Castes (SCs), Scheduled Tribes (STs), women and their co-operatives.
- (ii) Of the admissible subsidy at (i) above, the Central : State share shall be as follows:
 - (a) North East & Hilly States : 90% Central share and 10% State share
 - (b) Union Territories : 100% Central share
 - (c) Other States : 60% Central share and 40% State share.

4.2 Besides, the scheme *inter-alia* also provides as detailed below:

- (i) New proposals/activities under the (1) National Fisheries Development Board (NFDB) and its activities, (2) Development of Inland Fisheries and Aquaculture and (3) Development of Marine Fisheries, Infrastructure and Post-Harvest Operations are to be implemented through the National Fisheries Development Board on the Detailed Project Report (DPR) based model, restricting the Central financial assistance as below:
 - (a) 50% of the project/unit cost for general States, leaving the rest to State Agencies/ Organizations, Corporations, Federations, Boards, Fishers Cooperatives, private Entrepreneurs, individual Beneficiaries.
 - (b) 80% of the project/unit cost for North-Eastern/ Hilly States leaving the rest to State Agencies/ Organisations, Cooperatives, individual Beneficiaries, etc.
 - (c) 100% for projects directly implemented by the Government of India through its Institutes/ Organisations and Union Territories.

However, in order to ensure uniform funding pattern for private entrepreneurs and individual beneficiaries, Para 4.1 (above) conditions shall apply.

- (ii) The other three components of the scheme namely, (a) Strengthening of Databases & Geographical information System of the Fisheries Sector, (b) Institutional

Arrangement for the Fisheries Sector and (c) Monitoring, Control and Surveillance (MCS) and other need-based Interventions are to be implemented Departmentally (DADF) with 100% Central funding.

(iii) To continue the components on National Scheme of Welfare of Fishermen in the DADF, with its subcomponents as follows:

(a) (i) To continue the Group Accident Insurance Scheme for Active Fishermen in the DADF till a final decision on convergence with the Pradhan Mantri Suraksha Bhima Yojana (PMSBY) is taken and (ii) In the event of convergence with PMSBY, the DADF to continue the Group Accident Insurance Scheme for Active Fishermen with all its existing components by suitably aligning with the PMSBY platform and implement it Departmentally.

(b) To implement the fishermen housing scheme by aligning the guidelines and funding pattern with Indira Awaas Yojana (IAY)/ Pradhan Mantri Awas Yojana (PMAY) – Housing for All by 2022, as notified by the Ministry of Rural Development from time to time.

(c) Savings-cum-Relief component will be part of both marine and inland components to cover the marine and inland fishers.

4.3 The detailed implementation guidelines, cost norms, unit costs and associated terms and conditions etc. in respect of all the components and sub-components of the scheme shall be as initially notified vide this Department's approval No. 27035-19/2015-Fy(IV)-Vol.II dated 30th June, 2016 and as revised from time to time. The funding pattern shall now be as per para-4.1 and para-4.2 above of this Administrative approval order.

As per Lr. No. 27035-19/2015-Fy(IV), dated 1st January 2018 of the DADF, MoA, Govt. of India, and in continuation of Ministry's approvals/orders Lr. No. 27035-19/2015-Fy(IV), dated 28th September 2017, read with Dept. of Expenditure, Ministry of Finance, vide its Note No. 05(29)/PF.II/2005, dated 12.09.2017 revised administrative approval has been communicated as follows:

4.4 In the Blue Revolution components, where beneficiaries are identified directly and consequently the Government Assistance flows to them directly, such project proposals will be considered in terms of Para 4.1 above and in light of the concurrence of D/o Expenditure dated 12.9.2017.

4.5 The scheme also envisages extending central financial assistance to State Governments/ UTs for creating fishery infrastructure like fish harbours (FHs) and fish landing centres (FLCs), fish markets, national brood banks, State fish farms, etc; where, individual beneficiaries are not identifiable as the benefits of such projects are obtained by all fishers/ stakeholders in a particular geographical region. In view of the specific nature of the activity, central assistance as stipulated in Para-4.2 shall be 50% for General States, 80% for NE-Hilly States and 100% for UTs of the project cost. The balance 50% & 20% shall be met by the concerned General State & NE-Hilly State Governments respectively for implementation of the CSS. As such, the funding

patterns as stated in Para-4.2 above shall apply for all projects directly implemented by States, UTs, State agencies and Central Govt. Organisations including NFDB.

4.6 The National Fisheries Development Board (NFDB) would be the agency that would receive all the proposals including proposals of FHs/FLCs & Welfare from the State Governments/UTs with the recommendation of SLAMC (excluding proposals in respect of database, fisheries institutes and MCS). NFDB would then scrutinise the proposals from techno financial angles and submit its recommendations to DADF for approval of the viable proposals. NFDB would also monitor & evaluate on-going projects and submit its report/recommendations to DADF for further course of action, as may be necessary. Approval of the viable proposals and release of admissible central funds directly to the States/UTs and other beneficiary organizations etc. would continue to be done by the DADF.

4.7 In compliance with the stipulation in the Guidelines of the CSS, it has been decided to constitute **State Level Approval & Monitoring Committee (SLAMC)** and **Central Approval & Monitoring Committee (CAMC)** to appraise, recommend for approval, review and monitor the projects approved under the CSS. The role of SLAMC and CAMC will be in force from the date of their constitution for process of future fisheries developmental projects/proposals.

4.8 Since fishing harbours and fish landing centres are the high investment projects, highly technical in nature and involves convergence with the *Sagarmala* and other schemes of GOI, wherever feasible, it has been decided to continue the existing system for appraisal and approval of only Fishing Harbour and Fish Landing Centre projects through the Project Sanctioning Committee (PSC). In this case also, (i) all the new proposals shall be submitted to NFDB in line with compliance of para 9.1 of CCEA dated 12.11.2015 and (ii) the technical & financial appraisal/scrutiny would be done by NFDB after inputs from expert agencies like Central Institute of Coastal Engineering for Fishery (CICEF), Bangalore and other Ministries/ Departments/ Organisations etc., and recommend to PSC for decision.

4.9 As for all subsequent projects received in NFDB after 20th November 2017, the following process will be adopted:

- (a) All the State Governments/UTs shall constitute their respective State Level Approval & Monitoring Committee (SLAMC), which shall be chaired by the Secretary in-charge of Fisheries of respective States/UTs, Director/Commissioner of Fisheries of the State/UT as one of the members along with necessary experts, as may be decided by the States/UTS.
- (b) The SLAMC shall consider the respective State proposals and recommend the viable proposals/projects to NFDB along with amount of first installment desired in accordance with para-15.3 of the guidelines of the CSS issued wide this Department's order dated 30.6.2016 and amendments as mentioned in this Administrative Order.
- (c) NFDB shall carry out a detailed technical scrutiny of the SLAMC recommended proposals submitted by the States/UTs and recommend the feasible/viable proposals for appraisal/sanction to the Central Approval & Monitoring Committee (CAMC) constituted for the purpose by the DADF.

- (d) The DADF shall constitute a Central Approval & Monitoring Committee (CAMC) under the chairmanship of Joint Secretary (Fisheries). The Member Secretary for CAMC shall be the Joint Commissioner (Fisheries), while Fisheries Development Commissioner, all the Fisheries Institutions of DADF (viz. FSI, CIFNET, CICEF and NIFPHATT) and a nominee of NFDB shall be the members. The expertise of ICAR Institutes will be utilized appropriately as and when required. Joint Secretary (Fisheries) being chairman of the CAMC may co-opt any member based on their expertise in the field as and when a need is felt to that effect.
- (e) The CAMC shall examine, appraise and recommend the feasible/viable proposals for approval both from administrative and financial angles (except proposals relating to FHs & FLCs).
- (f) CAMC will hold its meeting at least once in a month on a regular basis to clear the proposals received from NFDB. CAMC may also convene its meeting any time depending on the receipt of proposals. Once CAMC recommends the proposal for according approval, DADF will accord necessary administrative approval and release first installment of central grant/assistance as recommended by CAMC keeping in view the recommendations of SLAMC, directly to the concerned States/UTs. Deficiencies in the proposals submitted by NFDB (both the approved as well as unapproved proposals), if any, will be communicated to NFDB and got rectified by NFDB before release of subsequent installments of central grant by DADF.
- (g) The proposals once approved will also be reviewed/monitored by the SLAMC and CAMC. The monitoring meetings of SLAMC and CAMC shall be held on a quarterly basis to review the progress of the projects taken up under Blue Revolution Scheme. Besides, NFDB & DADF (Fisheries Division) will also directly review the implementation of Blue Revolution Scheme as is being done now, to ensure effective and qualitative implementation.

4.10 State Governments/UT Administrations/NFDB are requested to formulate specific action plan, strategy and roadmap for development and management of fishers in their respective States/UTs. The State Governments/ UTs are also requested to sensitize all the concerned fisheries stakeholders such as State agencies/organizations, corporations, federations, fishers cooperatives, private entrepreneurs, individual beneficiaries etc. about the provisions of the scheme.

4.11 Self contained project proposals in respect of the desired component in accordance with the provisions and guidelines of the CSS may be submitted through State Governments for availing the central financial assistance under the CSS. Availability of adequate matching budgetary provision in State budget, necessary clearances and land wherever necessary, need to be specifically indicated in the proposal.

4.12 This revised administrative approval is issued also subject to the following terms and conditions:

- (a) Provisions of General Financial Rules, 2017 shall be applicable henceforth.

- (b) Release of funds shall be as per Cash Management System guidelines issued by Budget Division, Department of Economic Affairs, Ministry of Finance *vide* OM No. 15(39)-B(R)/2016, dated 21.8.2017.
- (c) The flow of funds is to be ensured through PFMS / DBT platforms.
- (d) The UCs shall be submitted only through PFMS in accordance with guidelines issued in this regard by the Chief Controller of Accounts, Ministry of Agriculture and Farmers Welfare.

4.13 No request for *ex-post facto* approval of any proposal would be entertained.

4.14 The committed liabilities/ pending releases of the projects sanctioned earlier by the Department would be met from the respective Head of Accounts of the CSS.

5. Implementing Agencies

5.1 The scheme would be implemented through the following agencies:

- (i) Central Government, Central Government Institutes/Agencies, NFDB, ICAR Institutes etc.
- (ii) State Governments and Union Territories
- (iii) State Government Agencies, Organisations, Corporations, Federations, Boards, Panchayats and Local Urban Bodies
- (iv) Fishers Cooperatives/Registered Fishers Bodies
- (v) Individual Beneficiaries/ Fishers, Entrepreneurs, Scheduled Castes (SCs), Scheduled Tribes (STs) Groups, Women and their Co-operatives, SHG's and Fish Farmers and miscellaneous Fishermen Bodies.

6. Nodal Department in the State

6.1 The Department of Fisheries in the States/UTs shall be the nodal Department for planning and implementation of the scheme in their respective State/ UT. However, in order to ensure implementation of the scheme on a fast-track and a result oriented manner, the State Governments/ UTs may identify any existing agency or create a new agency as State Implementing Agency (SIA) for channelization of funds, administrative & financial convenience and ease of implementation.

6.2 Even where such SIA is created or notified, the entire responsibility of ensuring proper planning and implementation of the scheme lies with the State/ UT Department of Fisheries.

7. Detailed Project Report (DPR)

7.1 The scheme is primarily project based and therefore, Detailed Project Reports (DPRs) / Self Contained Proposals should be prepared and submitted to DADF. The DPR / Self Contained Proposals shall include the following broad essential elements:

- (i) Background of the implementing agency (other than the Department of State/ UT) and their credential and competencies, including financial statement of previous three years in case of autonomous agencies, entrepreneurs

- (ii) Feasibility studies wherever required to assess the demand and supply gaps of intended benefits, particularly in the project locality
- (iii) Project objectives
- (iv) Anticipated benefits in quantifiable terms
- (v) Cost benefit analysis, wherever required (especially in case of bankable projects)
- (vi) Bio-security and Environment concerns
- (vii) Documentary evidence of availability of land and statutory clearances/permissions/licenses, wherever required
- (viii) Sources of funding for implementation of the project (Central assistance, State contribution, own contribution/ bank loan etc. as the case may be)
- (ix) Clear time-lines (in form of a Bar Chart) for completion of the project
- (x) Undertaking to the effect that there shall be no duplication of central funding or implementation of a similar project by the same agency in the same location
- (xi) Detailed Cost Estimate based on the State's latest Schedule of Rates (SoRs).

7.2 However, the above said broad essential elements may vary from project to project depending on the local conditions, project requirements, magnitude and gestation period of the project etc.

7.3 The applicants/ beneficiaries States/ UTs/ Agencies shall submit the DPR/ self Contained Proposal in triplicate copies.

8. Land and Statutory Clearance

8.1 Central financial assistance shall not be provided under the scheme for acquisition/ purchase/ transfer/ lease of land required for implementation of the intended project. The project proponents are required to acquire necessary land (in case of non-availability of land with them) at their own cost and complete all processes requiring land acquisition, before submission of the proposal for central financial assistance under the scheme.

8.2 The projects having land on long term lease shall also be considered for Central financial assistance under the scheme. However, the lease period/ agreement shall not be less than a minimum period of 10 (ten) years.

8.3 In case, the project proponent terminates the lease agreement intermediately (earlier than the agreed lease period) and sells out the land as well as facilities created with financial assistance under the scheme under any unavoidable circumstances whatsoever, they shall have to return the entire central financial assistance availed till that time, with applicable interest, in one installment.

8.4 The applicants/ beneficiaries are also required to obtain necessary statutory clearances, permits and licenses, whatsoever and wherever required for implementation of the intended project. The expenditure, if any involved in this processes shall be met by the applicants/ beneficiaries.

8.5 Confirmation with necessary documentary evidence on availability of land and statutory clearances (wherever necessary) shall be clearly indicated in the DPR/ Self Contained Proposal.

9. Convergence

9.1 The scheme provides for suitable linkages and convergence with the following schemes/ programmes:

- (a) "Sagarmala Project" of the Ministry of Shipping
- (b) Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNAREGA),
- (c) Rashtriya Krishi Vikas Yojana (RKVY)
- (d) National Rural Livelihoods Mission (NRLM) etc.

9.2 The State Governments, UTs and other agencies shall therefore explore possibility of suitable convergence with the above mentioned schemes or any other scheme wherever possible, which are being locally implemented. In such proposals, the activities to be covered, quantum of financial sharing proposed under each scheme shall also be clearly indicated in the DPR/Self Contained Proposal.

10. Inclusive Development

10.1 The CSS encompasses inclusive development by providing special care to Fishermen Societies, Cooperative Bodies, Women, Scheduled Castes (SCs) and Scheduled Tribes (STs) and under developed regions etc. by extending adequate financial assistance. Emphasis may also be on promoting investment & entrepreneurship development, arrangements for institutional financing, facilitating backward and forward linkages, training and capacity building etc.

10.2 The States/ UTs shall also accord high priority to the proposals of fishers, fish farmers, fishers cooperatives, SCs/ STs & women and their SHG's, cooperatives, and other weaker segments of the society so as to ensure adequate coverage of such beneficiaries as intended in the scheme.

10.3 The scheme provides greater flexibility and broader scope to mobilize the required financial resources from various sources, including financial institutions to meet the States/ beneficiaries contribution in development of fisheries.

11. Pre-Investment Activities

11.1 The expenditure towards completion of essential pre-investment activities required for project formulation shall be considered for central assistance on a sharing basis as per the funding pattern of the scheme for activities undertaken only 6 months prior to submission of proposal to SG.

11.2 The central funding on completion of essential pre-investment activities shall be restricted to 1% of the total estimated project cost (with a ceiling of Rs. 50 lakh for multi-crore infrastructure projects), which shall be shared as per the funding patterns of the scheme.

11.3 The broad activities involved in project formulation and to be covered for assistance under the scheme are (i) surveys and investigations of all types, (ii) pre-feasibility studies, (iii)

preparation of Pre-Feasibility Reports (PFRs), (iv) project planning and designing, (v) preparation of Feasibility Reports (FRs), (vi) Detailed Project Reports (DPRs)/Self Contained Proposals, (vii) Techno Economic Feasibility Reports (TEFRs) and (viii) structural design and detailed cost estimates etc.

11.4 The beneficiaries/applicants shall be required to incur the expenditure for completion of the essential pre-investment activities during the course of project formulation. The project formulation should be complete within the shorter duration. Such expenditure shall be included in the individual DPR with supporting documents/certificates/receipts etc., for consideration under the scheme. The central share of such pre-investment expenditure shall be reimbursed to the project proponent only after the project is approved by the Competent Authority and its successful completion.

11.5 In case the proposal is not approved by the authority or fails to meet its objectives due to its technical viability/ feasibility/ prepared by beyond the scope/ambit of the Scheme, non-producing of required clearances, non-availability of land, environmental and sustainability concerns or any other reason whatsoever, the expenditure incurred for completion of the pre-investment activities shall not be reimbursed under the scheme.

11.6 It is the responsibility of the beneficiaries/applicants to formulate viable/feasible and result oriented proposals etc. The GOI shall not have any commitment to meet the expenditure incurred by the project proponent in formulating unviable and unacceptably proposals.

12. Submission of Proposal

12.1 As stated earlier, the Plan Scheme has the following broad components for development of fisheries:

- (i) National Fisheries Development Board (NFDB)
- (ii) Development of Inland Fisheries and Aquaculture
- (iii) Development of Marine Fisheries, Infrastructure and Post-Harvest Operations
- (iv) Strengthening of Database & Geographical Information System of the Fisheries Sector
- (v) Institutional Arrangement for Fisheries Sector
- (vi) Monitoring, Control and Surveillance (MCS) and other need-based Interventions
- (vii) National Scheme of Welfare of Fishermen.

12.2 The new proposals in respect of components (i), (ii) and (iii) above shall be submitted to the Chief Executive, National Fisheries Development Board (NFDB) at the following address:

*The Chief Executive,
National Fisheries Development Board,
Fish Building, Near Pillar No. 235, PVNR Expressway,
SVP National Police Academy (Post), Hyderabad – 500 052.
(Fax: 040-24015568/24015552)*

12.3 The proposals in respect of other components (i.e., iv to vii) and the proposals in respect of ongoing projects sanctioned earlier [under the components at (ii) to (vii) above] shall be submitted directly to the Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture and Farmers Welfare, Krishi Bhavan, New Delhi.

13. Admissibility of Central Financial Assistance

13.1 The unit cost, cost norms and project specific requirements in respect of each component and sub-component of the CSS are worked out keeping in view the broad funding patterns and the goals set under the CSS.

13.2 The cost norms and project specific guidelines are furnished at addendums to this, as detailed below:

Appendix-I	Development of Marine Fisheries, Infrastructure and Post-Harvest Operations
Appendix-II	National Scheme for the Welfare of Fishermen
Appendix-III	Development of Inland Fisheries and Aquaculture
Appendix-IV	National Fisheries Development Board (NFDB) and its activities
Appendix-V	Monitoring, Control and Surveillance (MCS) and other need-based Interventions
Appendix-VI	Strengthening of Database & Geographical Information System of the Fisheries Sector
Appendix-VII	Institutional Arrangement for Fisheries Sector

13.3 The above mentioned unit costs, cost norms shall be the basis to decide the admissible amount of grant as Central financial assistance to the individual proposals.

13.4 The State/ UTs and other beneficiaries may use these unit costs, cost norms and project specific guidelines indicated in the relevant Appendix for formulation and implementation of the projects.

14 Administrative Expenses

14.1 Up to 5% of the allocated budget in each component of the CSS shall be earmarked for administering the scheme.

14.2 The earmarked funds under Administrative Expenses shall be utilised for (a) Information Education Communication (IEC) activities and for preparation of IEC material including electronic and print material, (b) cost of seminars, workshops, conferences, official meetings, farmers meet etc., (c) publicity and promotional activities through electronic and print medias, (d) recording of videos & photography on success stories and best management practices, (d) cost of supervision, monitoring and evaluation, (e) preparation of required MIS along with necessary hardware/ software, (b) Social Audit if any required, (f) cost hiring of personnel on contract, (g) cost of assessments and evaluation studies; (g) hiring of project management consultants, (h) preparation of State and National Annual Plans and Vision Documents etc.

14.3 These funds shall also be utilized in assisting the States/ UTs requiring assistance for preparation of their action plans, prioritizing the development plans, preparation of proposals through project consultants etc.

15. Mode of Financial Releases

15.1 Central financial assistance under the Plan Scheme shall be released through the concerned State Governments/ Union Territories/ Central Government Organizations/ Institutions/ NFDDB and ICAR Institutes as the case may be.

15.2 Central funds shall also be released through the State Implementing Agencies (SIAs), wherever the State Governments/ UTs identify/ authorize such Institutions/ organizations. The SIA shall be State Fisheries Development Corporations, Fisheries Federations, Fisheries Development Boards, Fish Marketing Boards and any other agency that the States/ UTs recommend.

15.3 On approval of the project/proposal, the admissible central financial assistance under the scheme would be released in installments and the size & number of installments shall be decided keeping in view the magnitude of the project and the quantum of total central assistance, availability of financial resources, funds absorbing capacity of the project implementing agency and assessment of the progress of the project. Preferably, the first installment of central share shall be recommended by the SPAC/SPSC and released on approval of the proposal.

15.4 After the release of first installment, proposals for subsequent release of Central share shall be considered only after the fulfillment of the following:

- (a) Utilization of the Central funds for the purpose for which it was released and submission of its Utilization Certificate (UC) as per the prescribed proforma under GFR
- (b) Submission of documentary evidence on contribution of proportionate share of the beneficiary State Government/ organization/ agencies
- (c) Furnishing of physical and financial progress reports
- (d) Audited statement of expenditure, wherever applicable.

15.5 The beneficiaries/ applicants shall strictly utilise the central funds as per the Terms and Conditions (T&C) of the sanction for the purpose for which it is released and no diversion of central funds for any other purpose shall be allowed. In case, the project proponent does not utilise the central funds for the purpose, they shall return the same with 12% per annum or bank interest accrued whichever is higher.

15.6 Cost escalation, if any, occurred on account of unjustifiable administrative and procedural delays in commencement of the approved project, delay in execution and completion of the project, non-availability of beneficiary share in time, deviations made in the proposals without prior approval of GIO or any other reason shall not be allowed and shall have to be fully borne by the project proponent.

15.7 The project proponent shall strictly maintain & preserve proper records on the expenditure incurred on implementation of the approved proposal/ project, produce the same as and when desired by the funding Ministry/ Department/ Board and also by the concerned State Government/ SIA.

15.8 The accounts maintained by the project proponent regarding receipt of central funds and their utilization on implementation of the approved project shall be open to inspection wherever and whenever required by the Sanctioning Authority and audit, both by the Comptroller and Auditor General of India and Internal Audit of the Principal Accounts Officer of the MoA & FW.

16. Monitoring and Evaluation

16.1 The projects taken up under the Scheme shall be monitored through a two tier system comprising of a **Central Approval & Monitoring Committee (CAMC)** headed by the Joint Secretary (Fisheries), DADF and a **State Level Approval & Monitoring Committee (SLAMC)** headed by the State Secretary in-charge of Fisheries.

16.2 The SLAMC and CAMC shall review the progress periodically on a quarterly basis and guide the implementing agency to ensure proper and speedy implementation of the projects taken up under Blue Revolution Scheme. Besides, the DADF (Fisheries)/ NFDB shall also depute their representatives regularly to the project site for physical inspection/verification.

16.3 No deviations in the approved project proposal shall be permitted in the normal course. In case, the approved project proposal is to be revised with any addition/ deletion/ modification of approved items on account of natural calamities or any other unavoidable technical compulsions, such proposals shall be placed before the SLMC and CMC. The warranted mid-term correctives arrived/ recommended by the CMC shall be placed before the DADF for consideration/ approval.

16.4 The beneficiaries/ applicants shall submit a detailed progress report (both financial and physical) to the Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture and Farmers Welfare and NFDB as the case may be on a quarterly basis till the project is completed and a completion report after the project is completed in all respects. The final installment of central share shall be released on completion of the project.

16.5 DADF/ NFDB may also carry out evaluation and monitoring of the projects taken up under the scheme through an independent agency, Project Management Advisory Group (PMAG)/ Consultants, if any, appointed by the DADF/ NFDB etc., if required. DADF/ NFDB may also depute their representatives to the projects site to evaluate and monitor the project under the scheme as and when required.

17. Post-Development Management of Facilities

17.1 The entire responsibility of post development/ construction management of the facilities created with the central assistance under the scheme shall be of the beneficiary agency/ State/ UT. The Government of India, MoA&FW shall not be responsible for post construction operational costs, loss if any incurred during the development, operation, maintenance and management of the facilities created with financial assistance under the scheme.

17.2 The project proponents shall also bear all expenses required towards maintenance, management and operational of the facilities created under the scheme in an efficient manner and in accordance with standard commercial operating/ maintenance practices/ procedures. The beneficiaries/ applicants shall ensure that the facilities are maintained in operational conditions.

17.3 The beneficiaries agency/ applicants/ State /UTs shall procure and maintain adequate/ necessary and relevant qualified manpower required for proper operation, maintenance and management of the facilities created under the scheme. The responsibility/ liability arising on account of deployed manpower such as wages, allowances, charges or any other statutory or other dues shall be that of the project proponent. The Government of India, MoA & FW shall not have any liability/responsibility in this respect on any account whatsoever (on post development/ construction management of the facilities).

17.4 Resolving of legal disputes, if any, arising out of the infrastructure/ facilities created with Central assistance under the scheme and implementation of the Court verdicts will be the sole responsibility of the concerned State Government/ UT/ Implementing agency/ beneficiary organizations. The financial implications, if any, in these activities will also be met by the concerned State Government/ UT/ Implementing agency/ beneficiary organizations.

* * *

Appendix-I

I. Development of Marine Fisheries, Infrastructure and Post-Harvest Operations

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
I. Development of Marine Fisheries			
1.1	Motorization of Traditional Craft	Upto 1.20 lakh/craft (including fishing gear and propeller)	<p>(i) Beneficiary fisher should own the traditional craft & possess a valid registration certificate under the ReALCraft (uniform registration certificate) and valid fishing license</p> <p>(ii) IBM/OBM (2-stroke and 4- stroke) of capacity up to 10 HP is allowed.</p> <p>(iii) Central assistance shall also be provided for replacement of engine (IBM/ OBM) of more than 5 years old.</p> <p>(iv) This assistance shall be provided to beneficiaries only once in 5 years.</p> <p>(v) The concerned States/ UTs shall procure and supply the IBMs/ OBMs by adopting necessary procurement procedure and codal formalities.</p> <p>(vi) Central assistance shall be provided on the basis of self contained proposals from States/ UTs and also indicating therein the source of the remaining 50% State/ beneficiary share.</p>
1.2	Safety of Fishermen at Sea	Rs.2.00 lakh per kit	<p>(i) Safety kit shall consist of GPS, communication equipment, echo-sounder, lifejackets, lifebuoys, Distress Alert Transmitter(DAT), life-saving appliances (VHF radiotelephones), fish finder, backup battery, search & rescue beacon etc.</p> <p>(ii) Concerned States/ UTs are required to assess specific and essential requirement of items mentioned in (i) above for a particular fishing vessel, including the cost estimate in the proposal.</p> <p>(iii) Beneficiary should possess valid (a) Ownership Certificate, (b) Registration Certificate under the ReALCraft, (c) Fishing License and (d) Biometric ID fishers ID card.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1.3	Assistance to Traditional / Artisanal Fishermen for: (a) Procurement of FRP Boats up to 10m OAL as a replacement for traditional/ wooden boats including nets. (b) Procurement of Insulated Fish & Ice Holding Boxes.	(a) As per actual subject to maximum Rs.4.00 lakh per boat (b) As per actual subject to a maximum of Rs. 25,000/- per boat.	(i) Only Traditional/Artisanal fishermen are eligible for the benefit under this component. (ii) Beneficiary should possess valid (a) Ownership Certificate, (b) Registration Certificate under the ReALCraft, (c) Fishing License and (d) Biometric ID fishers ID card. (iii) Financial assistance shall be limited to a maximum of 2 insulated fish and ice holding boxes of 500kg to 1000 kgs capacity respectively for each FRP boat. (iv) State Govts/UTs shall ensure suitable disposal of the old fishing boats(against which new one is replaced).
1.4	Rebate on High Speed Diesel (HSD) for Fishers		(i) Beneficiary should possess valid ownership Certificate of fishing vessel of less than 20m OAL, Registration Certificate under the ReALCraft, Fishing License and Biometric ID fishers ID card. (ii) Only BPL category beneficiaries shall be eligible for central rebate. (iii) Central Rebate shall be restricted to 500 liters per fishing boat per month during 9 (nine) active fishing months in a year.
1.5	Establishment & Operation of Vessel Monitoring System (VMS)	Actual Cost	(i) FSI/DADF is nodal agency to implement the project. (ii) Maintenance and operational costs of the Hub-station, antenna and all other equipment developed/ installed at Porbandar. (iii) Monitoring and tracking of fishing vessels using space technology and IT tools. (iv) Activities relating to dissemination of information on (a) weather forecast & forewarning and (b) Potential Fishing Zone (PFZ) to marine fishers etc. (v) The activities mentioned in (ii) and (iii) above shall be taken up in coordination (wherever required) with the concerned Central Ministries/ Departments/ Institutes such as MHA, M/o Earth Sciences, M/o Defence, ISRO, INCOIS, NIC, FSI, CIFNET and other Central Govt. Institutes. (vi) Convergence of schemes of these Ministries/ Departments/ Institutes (wherever feasible) shall also be considered. (vii) Development of necessary software, procurement and installation of suitable communication devices/ transponders and essential equipment etc., on board the fishing vessels in a phased manner.

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1.6	Promoting Non-Conventional Energy (NCE) Sources for Environment Friendly Fishing Practices	Actual Cost	<p>(i) Assistance for use of solar energy/ other NCE sources in lighting, refrigeration etc. on board the fishing vessels.</p> <p>(ii) Beneficiary should possess valid ownership Certificate, Registration Certificate under the ReALCraft, Fishing License and Biometric ID fishers ID card.</p> <p>(iii) States/ UTs and Central fisheries institutes/ organizations are required to submit self contained project proposals to avail of the assistance.</p>
1.7 1.7.1	Promotion of Mariculture in the form of : Open Sea Cage Culture	Rs. 5 lakh per cage having minimum diameter of 6 meters and depth of 4 meters in case of each circular cage and 96 cubic meter volume (6 m x 4 m x 4 m) in case of each rectangular cage.	<p>(i) The applicant shall obtain necessary prior permissions from the concerned State/ UT Government and other Competent Authorities for installation of cages in the sea.</p> <p>(ii) Fishermen Cooperative Societies, SC/ST Cooperative Societies, Women Self Help Groups, Registered Companies of Private Entrepreneurs etc. shall be eligible for central assistance for 4 batteries of 5 cages each (20 cages) at a particular location.</p> <p>(iii) The unit cost includes capital, operational and maintenance costs on one time basis.</p> <p>(iv) The applicants shall be required to submit self contained project proposals together with documentary evidence of necessary permissions and technical knowhow to avail of the assistance.</p>
1.7.2	Seaweed Cultivation	Rs.1000 per raft (3 m x 3 m size).	<p>(i) The applicant shall obtain necessary prior permissions from the concerned State/ UT Government and other Competent Authorities for installation of rafts.</p> <p>(ii) Fishermen Cooperative Societies, SC/ST Cooperative Societies, Women Self Help Groups, Registered Companies of Private Entrepreneurs etc. shall be eligible for central assistance for a cluster of up to a maximum of 500 rafts at suitable sites/ locations.</p> <p>(iii) The unit cost includes capital, operational and maintenance costs on one time basis</p> <p>(iv) The applicants shall be required to submit self contained project proposals together with documentary evidence of necessary permissions and technical knowhow to avail of the assistance.</p> <p>(v) The proposals shall be routed through the concerned State Govt/ UT Administration with clear recommendation.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1.7.3	Bivalve Culture	Rs.15,000 per bamboo rack (5 m x 5 m size)	<p>(i) The applicant shall obtain necessary prior permissions from the concerned State/UT Government and other Competent Authorities for installation of racks.</p> <p>(ii) Fishermen Cooperative Societies, SC/ST Cooperative Societies, Women Self Help Groups, registered Companies of Private Entrepreneurs etc. shall be eligible for central assistance for a battery of up to a maximum of 40 racks at suitable sites/ locations.</p> <p>(iii) The unit cost includes capital, operational and maintenance costs on one time basis.</p> <p>(vi) The applicants shall be required to submit self contained project proposals together with documentary evidence of necessary permissions and technical knowhow to avail of the assistance.</p> <p>(iv) The proposals shall be routed through the concerned State Govt/ UT Administration with clear recommendation.</p>
1.7.4	Pearl Culture (marine & fresh water)	As per actual with a ceiling of Rs. 25 lakh per project.	<p>(i) The applicant shall obtain necessary prior permissions from the concerned State/UT Government and other Competent Authorities for installation of pearl culture rafts.</p> <p>(ii) Fishermen Cooperative Societies, SC/ST Cooperative Societies, Women Self Help Groups, Registered Companies of Private Entrepreneurs etc. shall be eligible for central assistance for one project each group at suitable sites/ locations.</p> <p>(iii) The unit cost includes capital, operational and maintenance costs on one time basis</p> <p>(iv) The applicants shall be required to submit self contained project proposals together with documentary evidence of necessary permissions and technical knowhow to avail of the assistance.</p> <p>(v) The proposals shall be routed through the concerned State Govt/UT Administration with clear recommendation.</p>
1.8	Management of Marine Fisheries	Actual cost with a ceiling of Rs.5 lakh per project.	<p>100% Central assistance to take up the following activities:</p> <p>(a) Conducting of awareness programmes on conservation & management of fisheries, community outreach programmes on sustainable fishery practices.</p> <p>(b) Implementing Code of Conduct for Responsible Fisheries (CCRF).</p> <p>(c) Implementation of FAO guidelines on Small Scale Fisheries.</p> <p>(d) Evaluation of fishing capacity in terms of optimum size of fleet of different types of fishing vessels and suggest measures on sustainable fishery practices.</p> <p>(e) Studies on impact of climate change, natural calamities, pollution etc. on fishery resources.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1.9	Assistance for Deep Sea Fishing Vessel (Size 18-24 m OAL) for Traditional Fishermen and their Societies in Coastal States/ UTs	Actual Cost, with a ceiling of Rs. 80 lakh; 50% subsidy, subject to a maximum of Rs. 40 lakh per fishing vessel	<p>(i) The components (a), (b) and (c) above shall be implemented through the State Governments, UTs, State agencies/ organisations, corporations, federations, boards, Fishers Cooperatives, Central Fisheries Institutes etc. including ICAR, Central Government organizations/ Departments etc.</p> <p>(ii) The components (d) and (e) above shall be implemented through the Central Government agencies/ organizations/ Departments, Central Fisheries Institutes, ICAR, State Governments/ UTs and other Expert Agencies recognized in the field.</p> <p>(iii) The project proponents shall be required to submit DPR clearly indicating the objectives, theme, area of implementation, beneficiaries to be covered, implementation schedule, anticipated outcomes/benefits etc.</p>
2. Development of Infrastructure and Post-Harvest Operations			
2.1	Establishment of Fishing Harbours and Fish Landing Centres	As per actual cost	<p>The applicants are required to complete the following formalities:</p> <p>(i) identification/ selection of suitable site/ location.</p> <p>(ii) necessary engineering and socio-economic investigations and surveys,</p> <p>(iii) planning and designing of the Fishing Harbour/ Fish Landing Centre.</p> <p>(iv) hydraulic model studies, wherever required.</p> <p>(v) EIA/ EMP studies as may be required for obtaining environmental clearance.</p> <p>(vi) Land acquisition required for development of the proposed Fishing Harbour/ Fish Landing Centre.</p> <p>(vii) Cost Estimates shall be based on latest SoRs admissible in the project area.</p> <p>(viii) The applicants shall be required to submit self contained project proposals including documentary evidence of (i) to (vii) above to avail of the assistance.</p>
2.2	Assistance for Dredging of Fishing Harbours/ Fish Landing Centres.	As per actual cost	<p>For dredging projects, the applicants are required to complete the following formalities:</p> <p>(i) necessary engineering investigations and surveys.</p> <p>(ii) Assessment of quantum of maintenance dredging & preparation of cost estimates based on latest SoRs admissible in the project area.</p> <p>(iii) submit self contained project proposals including documentary evidence of (i) and (ii) above to avail of the assistance.</p>

Sl No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
3. Strengthening of Post Harvest Infrastructure			
3.1	Development of Post Harvest Infrastructure Projects eligible for central financial assistance under this sub- component are: (i) Ice Plants (ii) Cold Storages (iii) Ice Plants-cum-Cold Storages	Rs.2.50 lakh per tonne, with a ceiling of Rs.100 lakh per Plant	(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/permissions etc. in the DPR. No funds shall be provided for the land. (ii) Cost estimates shall be based on the latest SoRs admissible in the project area and prevailing market rates. (iii) The beneficiaries shall certify that all operational and maintenance costs of the infrastructure facilities shall be borne by them in future. (iv) The beneficiaries shall submit self contained proposals together with documentary evidences in respect of (i) to (ii) above. (v) The proposal shall be routed through the concerned State Governments/ UTs with clear recommendation.
3.2	Renovation / Modernization of existing (a) Ice Plants (b) Cold Storages and (c) Ice Plants-cum-Cold Storages	Rs 1.50 lakh per tonne, with a ceiling of Rs 60 lakh per Plant	(i) The broad items for renovation/modernization of the existing plants shall include civil works of the existing building, replacement of plants & machineries, electrification & water supply & sanitation works etc., with a view to enhance the efficacy of the existing plant. (ii) The beneficiaries should have the ownership of the existing infrastructure plant/facilities. (iii) Renovation/modernization of existing & operational plants of minimum 10 years old only may be considered for funding on one time basis. (iv) The beneficiaries should clearly indicate the source of balance funding for the project. (v) Cost estimates shall be based on the latest SoRs admissible in the project area and prevailing market rates. (vi) The beneficiaries shall confirm that all operational and maintenance costs of the modernized plant/infrastructure facility shall be borne by them. (vii) The beneficiaries shall submit self contained proposals together with documentary evidences in respect of (ii) to (vi) above. (viii) The proposals shall be routed through the concerned State Governments/ UTs with clear recommendation.

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
3.3	<p>Development of Retail Fish Markets and Allied Infrastructure</p> <p>(Items: Modern hygienic fish market with a minimum of 10 retail outlets, 20 retail outlets, and 50 retail outlets units with common cold storage facility, waste collection & disposal units, fish cleaning and dressing space, auctioning platforms water and power supply facilities etc.)</p>	<p>As per actual with a ceiling of as below:</p> <p>(a) Rs.100 lakh for a fish market of 10 unit retail outlets,</p> <p>(b) Rs 200 lakh for a fish market of 20 unit retail outlets,</p> <p>(c) Rs 500 lakh for a fish market of 50 units or more retail outlets.</p>	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(ii) The beneficiaries shall complete the planning, designing of the market facilities and cost estimates etc. through professionals in the subject.</p> <p>(iii) Cost estimates shall be based on the latest SoRs admissible in the project area and prevailing market rates.</p> <p>(iv) The post-construction operational and maintenance costs of the infrastructure facility shall be borne by the beneficiaries.</p> <p>(v) The beneficiaries shall submit self contained proposals together with documentary evidences in respect of (i) to (iv) above.</p> <p>(vi) The proposals shall be routed through the concerned State Governments/ UTs with clear recommendation.</p> <p>(vii) NFDB shall take up development and management of fish markets on commercial approach at feasible locations.</p>
3.4	<p>Setting up of Mobile/Retail Fish Outlet (Kiosk) (Kiosk along with one fish storage/display cabin, one visi cooler, weighing machine, facilities/ utensils for fish cutting cleaning facilities)</p>	<p>As per actual with a ceiling of Rs. 10 lakh per unit.</p>	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land (wherever required) free from all encumbrances and financial resources along with necessary clearances/ permissions(wherever required) etc. in the DPR.</p> <p>No funds shall be provided for the land.</p> <p>(ii) Cost estimate for construction of fish retail outlet/kiosk shall be based on the latest SoRs admissible in the project area, and cost estimate for mobile outlet shall be based on prevailing market rates.</p> <p>(iii) The post-construction operational and maintenance costs of the fish retail outlet/kiosk/ mobile fish retail outlet shall be borne by the beneficiaries.</p> <p>(iv) The beneficiaries shall submit self contained proposals together with documentary evidences in respect of (i) to (iii) above.</p> <p>(v) The proposals shall be routed through the concerned State Governments/ UTs with clear recommendation.[]</p> <p>(vi) Fish retail outlet/kiosk shall be of a minimum floor area of 100 Sq.ft (static).</p> <p>(vii) Priority shall be given to SCs / STs/ women / unemployed youth.</p>

Sl No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
3.5 Assistance for Fish Transport Infrastructure			
3.5.1	Refrigerated Truck/Container of a minimum 10 tonne capacity.	As per actual with a ceiling of Rs. 25 lakh per truck.	<p>(i) Maintenance & operational costs of the fish transport vehicles shall be met by the beneficiaries at their own cost.</p> <p>(ii) Government of India shall not be responsible for any losses incurred on procurement, operation, maintenance and management of the fish transport facilities.</p> <p>(iii) Beneficiaries should ensure that fish transport facilities are maintained in operational condition.</p> <p>(iv) Beneficiaries shall abide by rules/regulations, if any imposed by the concerned State/UT as well as Central Government on maintenance & operation of the fish transport facilities.</p> <p>(v) Beneficiaries shall ensure that the fish transport vehicles/facilities procured under the scheme will be used only for transport of fish and fisheries related items and not for any other purposes.</p> <p>(vi) In case, it is found at any point of time that the fish transport vehicles procured under the scheme are used for other than the fisheries purposes, the Government of India will recover the entire central assistance with interest from the beneficiaries.</p> <p>(vii) Beneficiaries will display permanently to the effect that the fish transport vehicle is procured with financial assistance from the Government of India, Ministry of Agriculture, Department of Animal Husbandry, Dairying and Fisheries.</p>
3.5.2	Insulated Truck of a minimum 10 tonne capacity.	As per actual with a ceiling of Rs. 20 lakh per truck.	
3.5.3	Insulated Truck of a minimum 6 tonne capacity	As per actual with a ceiling of Rs. 15 lakh per truck.	
3.5.4	Autrickshaw with Ice Box	As per actual with a ceiling of Rs. 2 lakh per unit	
3.5.5	Motorcycle with Ice Box	As per actual with a ceiling of Rs.0.60 lakh per unit.	
3.5.6	Bicycle with Ice Box	As per actual with a ceiling of Rs. 3000/- per unit.	
4. Innovative activities			
4.1	Innovative Activities (Fisheries Projects: induction of new technology, diversification of species, etc)	Actual cost, with a ceiling of Rs.100 lakh per Project	<p>(i) Innovative activities shall broadly cover fisheries management, conservation, induction of new technology in fishing and allied activities including onboard handling of fish, diversification of species to enhance the production and productivity, new technologies in mariculture, fish culture, Re-circulatory Aquaculture Systems (RAS) with a minimum capacity of 500 tonnes/ year, cage/pen culture including auto feed technology, energy efficient operation of post harvest infrastructure facilities such as FHS/ FLCs etc, fisheries waste management, improvement in hygienic conditions of the post harvest infrastructure facilities including deboning machine etc., post harvest processing and value added products, promotional activities and any unforeseen activities etc.</p> <p>(ii) The States/UTs/ Agencies are requested to submit self contained proposal clearly indicating the innovative activities, capabilities of implementing agencies, anticipated outcomes/ outputs (both in terms of qualitative and quantitative) and broad long-term impact on local fisheries etc.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
4.2	Conversion of Bottom Trawlers* into Deep Sea Tuna Long Liners	Actual cost, subject to a ceiling of Rs. 15 lakh per bottom trawler; 100% subsidy, subject to a maximum of Rs. 15 lakh per bottom trawler	<p>(i) Only traditional/artisanal fishermen and their societies/associations/SHGs who have registered bottom trawlers are eligible for the benefits under this sub-component.</p> <p>(ii) Beneficiary should possess valid ownership certificate, registration certificate under ReALCraft, fishing license and Biometric ID card for fishers.</p> <p>(iii) Financial assistance shall be limited to only one vessel per individual beneficiary and a maximum of 3 vessels for society/association of traditional fishers.</p> <p>(iv) The vessel should be seaworthy with all essential deck, navigation and fishing machineries for undertaking safe fishing.</p> <p>(v) All mandatory onboard safety navigation and communication equipment are to be equipped on board.</p> <p>(vi) Implementation of this activity will be through NFDB or any other agency identified by the DADF.</p> <p>(vii) Beneficiary should not have availed any subsidy assistance (either loan or grant) for construction of deep sea tuna long liner as a replacement of bottom trawler (or) for conversion of bottom trawlers into Tuna long liners through any source of funding from Government agencies like DADF/ NFDB/ MPEDA/ NABARD/ NCDC/ State Governments or any government funding agency in the name of bottom trawlers for which assistance is sought.</p>

*Bottom Trawler means a fishing vessel which can undertake bottom trawling with mechanical means.

Note: The vessels before and after conversion should be certified, for its feasibility for conversion into tuna long lining and subsequent fitness for its sea worthiness and undertaking deep-sea fishing, by the Officer(s)/ Department(s)/ Agencies authorized by DADF, MoAFW from Department of Fisheries of respective State/ MMDs under DG Shipping or any other Officer/ Agencies including NFDB or CIFT for the purpose.

Appendix-II**II. National Scheme for the Welfare of Fishermen**

SI No	Component	Unit Cost	Central Financial Assistance	Terms and Conditions
(i)	(ii)	(iii)	(iv)	(v)
1.	Saving-cum-Relief (For both Inland and Marine Fishers)	Rs.3000/- per fisher per annum (to be shared equally between Centre and each of the general States).	Implemented in the DADF with Central Funding	<p>Eligibility criteria:</p> <p>(i) Beneficiary should be a fulltime active fisher,</p> <p>(ii) Beneficiary should be a member of a functional local fishers cooperative society/ Federation/any other registered body.</p> <p>(iii) Beneficiary should be Below Poverty Line (BPL) and of between 18 and 60 years of age,</p> <p>(iv) Beneficiary fishers shall save Rs.1500/- over a period of 9 months during the fishing season annually towards their contribution. Lump-sum beneficiary contribution in a period of one or two months may be avoided.</p> <p>(v) States/ UTs may top up with any additional benefits such as subsidized ration, fuel etc., Besides, beneficiaries are also entitled to get benefits under the PDS.</p> <p>(vi) States/ UTs shall be required to submit self contained project proposals with documentary evidence of (i) to (iv) above along with other details such as duration of lean/ban months, beneficiaries enrolled and their contribution, category of fishers (SC/ST), availability of budgetary allocation in the State budget etc.</p> <p>(vii) The accumulated amount of Rs.4500/- shall be disbursed to enrolled fishers in 3 equal installments during the lean/ ban period of 3 months every year.</p>

Sl No	Component	Unit Cost	Central Financial Assistance	Terms and Conditions
(i)	(ii)	(iii)	(iv)	(v)
2	Housing for Fishers	Construction of new houses @ Rs.1,20,000/- per house in plain areas and Rs.1,30,000/- in North East Himalayan States* * In line with PMAY	Implemented in the DADF with Central Funding	(i) The housing unit should have a minimum plinth area of 25 Sq.m including sanitation facility. (ii) Beneficiaries should be actively involved in fishing activities. (iii) Preference to be given to fishers Below Poverty Line (BPL) (iv) Beneficiaries owning <i>kutch</i> a houses can also be considered for providing <i>pucca</i> houses. (v) A cluster based development of not less than 20 houses should be adopted. (vi) States/ UTs may top up with any additional benefits such as assistance for sanitation, water, Energy, etc. (vii) States/ UTs shall be required to submit self contained project proposals along with documentary evidence and confirmation about availability of State budgetary allocation.
3.	Other Basic Amenities for Fishers:	Unit cost of tube well @ Rs. 0.50 lakh in General States and Rs. 0.60 lakh in NE & Himalayan States.	Implemented in the DADF with Central Funding	(i) One tube-well shall be provided for each cluster of a minimum of 20 houses. Note: Clusters/ Fishers' Villages may be provided with alternative source of drinking water in case tube-wells are not practically feasible. In such cases the additional expenditure, if any, shall be borne by the concerned State / UT.
3.1	Drinking water facility			
3.2	Construction of Community Hall with sanitation, water supply and electrification facilities.	Rs.4.00 lakh per unit.	Implemented in the DADF with Central Funding	(i) Clusters/ Fishers' Villages with 75 or more houses shall be eligible for a community hall for legitimate community activities. (ii) The Community Hall should have a minimum plinth area of 200 sq.m. (iii) Post construction maintenance/ management of the Community Hall shall be vested with the Village Panchayats/ Management of Fishers Societies/ Bodies. (iv) States/UTs shall be required to submit self contained project proposals along with necessary documents and confirmation that such community hall facilities are not available in the Cluster/ Fishers' Village.

SI No	Component	Unit Cost	Central Financial Assistance	Terms and Conditions
(i)	(ii)	(iii)	(iv)	(v)
4.	<p>Group Accident Insurance for Active Fishermen*</p> <p><i>(* Till a final decision on convergence of this scheme with PMSBY is taken by the Competent Authority)</i></p>	<p>Insurance premium@ Rs.20.34/-per fisher per year.</p> <p><i>(The rate of insurance premium is subject to change on year to year basis)</i></p>	Implemented in the DADF with Central Funding	<p>(i) Licensed/ registered fishers shall be eligible for insurance for Rs. 2.00 lakh against death or permanent total disability, Rs.1.00 lakh against permanent partial disability and Rs. 10,000/- towards hospitalization expenses.</p> <p>(ii) The insurance cover shall be for a period of 12 months.</p> <p>(iii) This component shall be implemented through FISHCOPFED or other designated agencies / institutions. The central liability of premium amount in respect of insured fishers shall be released directly to such agencies/ institutions.</p> <p>(iv) In case of those States/UTs who are not implementing this component through FISHCOPFED or other designated agencies/ institutions, the central share of premium amount shall be restricted to the lowest premium.</p>
5.	Grant-in-aid to FISHCOPFED	Rs. 50 lakh per annum	---	<p>(i) FISHCOPFED shall use this grant for fisheries related activities/works assigned by the DADF from time-to-time, including fishers insurance, creation of database of fishers covered under the insurance etc.</p> <p>(ii) FISHCOPFED shall also utilize the grant amount for conduct of skill based training programme for traditional fishers. The financial gaps, if any for this activities shall be availed from other ongoing schemes.</p> <p>(iii) FISHCOPFED shall submit self contained annual plan proposals clearly indicating activities, cost estimates, project duration, beneficiaries covered, anticipated benefits, mode of implementations etc.</p>

Appendix-III

III. Development of Inland Fisheries and Aquaculture

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1. Development of Freshwater/Brackishwater Aquaculture			
1.1	Construction of New Ponds/ Tanks (including construction of sluice gates, civil works for water supply and aeration appliances, feed storing shed etc.)	As per actual cost subject to a ceiling of Rs. 7.0 lakh per ha	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/ permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(ii) The constructed ponds shall have a minimum water depth of 1.5m.</p> <p>(iii) Central financial assistance shall be restricted to a maximum area of 2 ha for individual beneficiary, 2 ha x number of members for cooperatives/ collectives subject to viability of pond sizes and with a ceiling of 20 ha. for group/collectives. The project proposals in this category shall be routed through the concerned State /UT Government with proper recommendations.</p> <p>(iv) For Central and State Government organizations/ federations/ corporations/ agencies etc financial assistance for quantum of hectarage shall be decided on case to case basis in consultation with the concerned applicant.</p>
1.2	Renovation of Existing Ponds/ Tanks (repair and strengthening of bunds, repair of electrical and water supply works and other accessories/ equipment, de-siltation, repair/ installation of sluice gates, site clearing, dewatering etc.)	Rs. 3.5 lakh per ha	<p>(i) Beneficiaries shall provide documentary evidence on ownership of the existing ponds/ tanks, financial resources along with necessary clearances/ permissions (if any required) etc. in the DPR.</p> <p>(ii) Renovation/repair/de-silting of existing ponds/ tanks, other related civil works etc. may be considered for funding only after 5 years on one time basis.</p> <p>(iii) Central financial assistance shall be restricted to a maximum area of 2 ha for individual beneficiary, 2 ha x number of members for cooperatives/ collectives subject to viability of pond sizes and with a ceiling of 20 ha. for group/collectives.</p> <p>(iv) The project proposals (except for central Govt organizations/ instates) shall be routed through the concerned State/ UT Government with proper recommendations.</p>

Sl No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1.3	Renovation of MNERGA Ponds And Tanks, New Water Bodies created under various State Govt/Central programme including wetland development department etc.	Rs. 3.5 lakh/ha	<p>(i) Beneficiary organizations/ agencies shall provide documentary evidence on ownership of the ponds/ tanks, financial resources along with necessary clearances/ permissions (if any required) etc. in the DPR.</p> <p>(ii) Renovation/ repair/ de-silting of the ponds/ tanks, other related civil works etc. may be considered for funding only after 5 years on one time basis.</p> <p>(iii) Central financial assistance shall be restricted to a maximum area of 2 ha for individual beneficiary, 2 ha x number of members for cooperatives/ collectives subject to viability of pond sizes and with a ceiling of 20 ha. for group/collectives.</p> <p>(iv) The project proposals (except for central Govt organizations/ instates) shall be routed through the concerned State/ UT Government with proper recommendations.</p>
1.4	Rejuvenation of Urban/ Semi- Urban/ Rural Lakes/Tanks for Fish Culture	Rs.3.5 lakh/ha	<p>(i) Beneficiary organizations/ agencies shall provide documentary evidence on ownership of the ponds/ tanks, financial resources along with necessary clearances/ permissions (if any required) etc. in the DPR.</p> <p>(ii) Renovation/repair/ de-silting of the ponds/ tanks, other related civil works etc. may be considered for funding only after 5 years on one time basis.</p> <p>(iii) Central financial assistance shall be restricted to a maximum area of 2 ha for individual beneficiary, 2 ha x number of members for cooperatives/ collectives subject to viability of pond sizes and with a ceiling of 20 ha. for group/collectives.</p> <p>(iv) The project proposals (except for central Govt organizations/ instates) shall be routed through the concerned State/ UT Government with proper recommendations.</p>
1.5 Inputs Cost for Freshwater Fish Culture and Brackishwater Fish/Shrimp Culture (items at 1.1 to 1.4 above)			
1.5.1	For Freshwater Fish Culture (unit cost includes cost of fish/ prawn seed, feed, manure, disease prevention measures, transportation charges etc.) (one time grant)	<p>(a) Finfish Culture: As per actual cost subject to a ceiling of Rs. 1.50 lakh/ha</p> <p>(b) Freshwater prawn/trout culture: As per actual cost subject to a ceiling of Rs. 2.50 lakh/ha</p>	<p>(i) This input cost shall be provided for the ponds/ water-bodies mentioned at S.No.1.1 to 1.4 above with the ceiling indicated therein.</p> <p>(ii) Beneficiaries shall be provided central assistance for input costs for the initial crop only in the newly constructed/ renovated ponds/ tanks.</p> <p>(iii) Central assistance for input cost shall be released only after the ponds/ tanks are ready for culture.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1.5.2	For Brackishwater Fish/Shrimp Culture (unit cost includes cost of fish/shrimp seed, feed, manure, disease prevention measures, transportation charges, etc.) (one time grant)	(a) Finfish Culture: As per actual cost subject to a ceiling of Rs. 2.00 lakh/ha (b) Culture of shrimp such L.vannamei/ P. monodon etc: As per actual cost subject to a ceiling of Rs. 3.00 lakh/ha	(i) This input cost shall be provided for the ponds/ water-bodies mentioned at S.No.1.1 to 1.4 above with the ceiling indicated therein. (ii) Beneficiaries shall be provided central assistance for input costs for the initial crop only in the newly constructed/ renovated ponds/tanks. (iii) Central assistance for input cost shall be released only after the ponds/tanks are ready for culture.
1.6	Establishment of Fish Seed Hatcheries for Indian Major Carps and other specific cultivable fin fish.	As per actual cost subject to a ceiling of Rs. 25.00 lakh per hatcheries of 2 ha area.	(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources, necessary clearances/ permissions etc. with full technical details including bio-security measures in the DPR. No funds shall be provided for the land. (ii) The project proposals from individual beneficiaries, cooperatives/ collectives shall be routed through the concerned State/ UT Government with proper recommendations. (iii) Proposals from Central and State Government organizations/ federations/ corporations/ agencies etc may be submitted directly to NFDB. (iv) Fish hatchery shall have a minimum capacity of 10 million fry/ year with minimum area of 2 ha. (v) Fish hatchery shall include brooder pond, nursery ponds, rearing tanks, small laboratory, water & electric supply, required infrastructure facilities etc. (vi) The fish hatchery should be managed by the required qualified technical staff. (vii) Beneficiary organisations shall ensure supply of seed produced from the central assisted hatcheries to farmers at affordable/ reasonable price. (viii) Post construction operation, management and maintenance of the hatcheries shall be carried out in a satisfactory manner by the beneficiaries at their own costs. (ix) NFDB shall also directly set up & manage the hatcheries with commercial approach at suitable location.

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1.7	Establishment of Freshwater/ Brackishwater Prawn Hatcheries.	As per actual cost subject to a ceiling of Rs. 50 lakh per unit with a minimum capacity of 5 million post larvae per year.	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources, necessary clearances/ permissions etc. with full technical details including bio-security measures in the DPR. No funds shall be provided for the land.</p> <p>(ii) Fisher cooperatives/ collectives shall be eligible for central financial assistance and should route their proposals through the concerned State/ UT Government with proper recommendations.</p> <p>(iii) Proposals from Central and State Government organizations/ federations/ corporations/ agencies etc may be submitted directly to NFDB.</p> <p>(iv) Beneficiary should have the requisite technical expertise and trained manpower for construction, operation and management of the hatchery.</p> <p>(v) The hatchery shall include brooder pond, PL rearing tanks, small laboratory, water & electric supply, bio-security arrangements and required infrastructure facilities etc.</p> <p>(vi) Beneficiaries organisations shall ensure supply of seed produced from the central funded hatcheries to farmers at affordable/ reasonable price.</p> <p>(vii) Post construction operation, management and maintenance of the hatcheries shall be carried out in a satisfactory manner by the beneficiaries at their own costs.</p> <p>(viii) NFDB shall also directly set up & manage the hatcheries with commercial approach at suitable location.</p>
1.8	Solar Power Support System for Aquaculture	As per actual with a ceiling of Rs. 15.00 lakh per unit	<p>(i) Solar energy system to operate water pump, aerator and other uses in fish culture and fisheries.</p> <p>(ii) Beneficiaries shall be provided central assistance for procurement & installation of solar power support system for fisheries on onetime basis.</p> <p>(iii) Central assistance for input cost shall be released only after the ponds/tanks are ready for culture.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
2. Cold Water Fisheries and Aquaculture			
2.1	Construction of Permanent Farming Units and Raceways	As per actual cost subject to a ceiling of Rs. 2 lakh per unit of minimum volume of 50 m ³	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(ii) Central financial assistance shall be restricted to a maximum area of 4 units for individual farmer/beneficiary, 10 units for fisher cooperatives/ federations and Entrepreneurs. The project proposals in this category shall be routed through the concerned State /UT Government with proper recommendations.</p> <p>(iii) For Central and State Government organizations/ federations/ corporations/ agencies etc financial assistance and farming units shall be decided on case to case basis in consultation with the concerned.</p>
2.2	Running cold Water Fish Culture in Earthen Units	As per actual cost subject to a ceiling of Rs. 1 lakh/ unit of minimum volume of 100 m ³	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(ii) Central financial assistance shall be restricted to a maximum 4 units of fish culture for individual farmer/beneficiary, 40 units for fisher cooperatives/ federations and Entrepreneurs. The project proposals in this category shall be routed through the concerned State/ UT Government with proper recommendations.</p> <p>(iii) For Central and State Government organizations/ federations/corporations/agencies etc financial assistance and fish culture units shall be decided on case to case basis in consultation with the concerned.</p>

Sl No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
3. Development of Waterlogged Areas			
3.1	Development of Waterlogged Areas	As per actual cost subject to a ceiling of Rs 5.00 lakh/hectare.	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(ii) Central financial assistance shall be restricted to a maximum area of 5 ha for individual beneficiary, 5 ha x number of members for cooperatives/ collectives subject to viability of pond sizes. The project proposals in this category shall be routed through the concerned State/ UT Government with proper recommendations.</p> <p>(iii) For Central and State Government organizations/ federations/ corporations/ agencies etc. financial assistance for quantum of hectarage shall be decided on case to case basis in consultation with the concerned.</p>
3.2	Inputs Cost (unit cost includes cost of fish/ prawn seed, feed, manure, disease prevention measures, transportation charges etc.) (one time grant)	<p>(a) Finfish Culture: As per actual cost subject to a ceiling of Rs. 1.50 lakh/ha</p> <p>(b) Freshwater prawn/ trout culture: As per actual cost subject to a ceiling of Rs.2.50 lakh/ha</p>	<p>(i) Beneficiaries shall be provided central assistance for input costs for the initial crop only in the newly constructed/ renovated ponds/ tanks.</p> <p>(ii) Central assistance for input cost shall be released only after the ponds/ tanks are ready for culture.</p>
4. Productive Utilization of Inland Saline/Alkaline Waters for Aquaculture			
4.1	Construction of New Ponds/ Tanks.	As per actual cost subject to a ceiling of Rs. 7 lakh per ha.	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(ii) The constructed ponds shall have a minimum water depth of 1.5m.</p> <p>(iii) Central financial assistance shall be restricted to a maximum area of 2 ha for individual beneficiary, 2 ha x number of members for cooperatives/ collectives subject to viability of pond sizes. The project proposals in this category shall be routed through the concerned State/ UT Government with proper recommendations.</p> <p>(iv) For Central and State Government organizations/ federations/ corporations/ agencies etc financial assistance for quantum of hectarage shall be decided on case to case basis in consultation with the concerned.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
4.2	Input Cost (unit cost includes cost of fish/prawn seed, feed, manure, disease prevention measures, transportation charges etc.) (one time grant)	(a) Finfish Culture: As per actual cost subject to a ceiling of Rs. 1.50 lakh/ha (b) Freshwater prawn/trout culture: As per actual cost subject to a ceiling of Rs. 2.50 lakh/ha	(i) Beneficiaries shall be provided central assistance for input costs for the initial crop only in the newly constructed/renovated ponds/ tanks. (ii) Central assistance for input cost shall be released only after the ponds/ tanks are ready for culture.
5. Inland Capture Fisheries (Village Ponds, Tanks etc.)			
5.1	Fish Seed Rearing Units.	As per actual subject to a ceiling of Rs. 6.00 lakh/ha	(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources along with necessary clearances/permissions etc. in the DPR. No funds shall be provided for the land. (ii) Beneficiaries shall also produce the documentary evidence on availability of fishing rights/permissions from the competent authorities to fish and develop required facilities in around the reservoirs/tanks etc. (iii) Central financial assistance shall be restricted to a maximum area of 2 ha for individual beneficiary, 2 ha x number of members for cooperatives/ collectives subject to viability of fish rearing units and their sizes. The project proposals in this category shall be routed through the concerned State/ UT Government with proper recommendations. (iv) For Central and State Government organizations / federations/ corporations/ agencies etc financial assistance for quantum of hectareage of fish rearing units shall be decided on case to case basis in consultation with the concerned. (v) The fish rearing units should be planned, designed, constructed and managed under the supervision of qualified technical experts.
5.2	Input Cost (unit cost includes cost of fish/prawn seed, feed, manure, disease prevention measures, transportation charges etc.) (one time grant)	(a) Finfish Culture: As per actual cost subject to a ceiling of Rs. 1.50 lakh/ha. (b) Freshwater Prawn/Trout Culture: As per actual cost subject to a ceiling of Rs.2.50 lakh/ha.	(i) Beneficiaries shall be provided central assistance for input costs for the initial crop only in the newly constructed fish rearing units. (ii) Central assistance for input cost shall be released only after the fish rearing units tanks are ready for rearing.

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
5.3	Craft and Gear (Unit : boats of appropriate sizes including fishing nets, fish & ice holding boxes etc.).	As per actual cost subject to a ceiling of Rs. 1.00 lakh per unit.	<p>(i) Beneficiaries should provide documentary evidence of availability valid fishing license issued by the competent authority.</p> <p>(ii) The project proposals of individual beneficiary (consolidated), cooperatives/ collectives shall be routed through the concerned State/ UT Government with proper recommendations.</p> <p>(iii) Beneficiaries shall also produce the documentary evidence of availability of fishing rights/ permissions in the reservoirs/tanks etc. from the competent authorities.</p> <p>(iv) For Central and State Government organizations/ federations/ corporations/ agencies etc. financial assistance shall be decided on case to case basis in consultation with the concerned.</p> <p>(v) The fishing craft/boats may also be shared by a group of fishers/ collectives.</p> <p>(vi) Beneficiaries shall be abide by the fishing regulations (if any) on use of size & type of boat/ craft and nets etc.</p> <p>(vii) Central assistance shall also be provided for replacement existing boats of more than 5 years old.</p>
5.4	Construction of Landing Centers (landing & berthing platforms, auctioning platform/ hall, net mending shed etc.)	As per actual cost subject to a ceiling of Rs. 4.00 lakh per landing center.	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances and financial resources, necessary clearances/ permissions etc. with full technical details of the landing centre in the DPR. No funds shall be provided for the land.</p> <p>(ii) The project proposals of cooperatives/ collectives shall be routed through the concerned State/ UT Government with proper recommendations.</p> <p>(iii) For Central and State Government organizations/ federations/ corporations/ agencies etc., financial assistance shall be decided on case to case basis in consultation with the concerned.</p>
5.5	Riverine Fisheries Conservation and Awareness Programme	As per actual cost subject to a ceiling of Rs. 4.00 lakh per year.	(i) The States/ UTs shall submit self contained proposal with full justification & technical details for conservation and river ranching etc.

Sl No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
6. Integrated Development of Reservoirs			
6.1	<p>Integrated Development of Reservoirs (the proposal shall include the need based activities from the broad activities as below:</p> <p>pre-culture preparation, strengthening of bunds, de-silting, de-weeding etc., hatcheries, fish rearing units, fish stocking, cage culture, feed mills, boats & nets, landing centers, cold storages, ice plants, fish transport facilities etc.),</p>	<p>As per actual, with a ceiling of Rs. 2 crore per project.</p>	<p>(i) This component will be implemented by NFDB with commercial approach.</p> <p>(ii) Beneficiaries shall submit self contained Detailed Project Report (DPR) with full justification & technical details etc.</p> <p>(iii) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances, financial resources, necessary clearances/ permissions & fishing rights etc. in the DPR. No funds shall be provided for the land.</p> <p>(iv) The DPRs shall also contain details of anticipated direct & indirect employment generation, enhancement of fish production and productivity, improvement of economic status of locals, specific time lines for the implementation of the project etc.</p> <p>(v) The project proposals of cooperatives/ collectives/ omnibus/ entrepreneurs shall be submitted to NFDB.</p> <p>(v) For Central and State Government organizations/ federations/ corporations/ agencies etc., financial assistance shall be decided on case to case basis in consultation with the concerned.</p> <p>(vi) The central funds will be provided as back-ended subsidy.</p>

Sl No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
7. Establishing Fish Feed Mills/Plants			
7.1	Small Feed Mill (capacity 1 to 5 quintals/day)	As per actual cost subject to a ceiling of Rs. 10 lakh per Unit	<p>(i) Beneficiaries shall submit self contained Detailed Project Report (DPR) with full justification & technical details of the plant etc.</p> <p>(ii) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances, financial resources, necessary clearances/ permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(iii) Beneficiaries organisations shall ensure supply of fish feed produced from the central funded feed mill plants to farmers at affordable/ reasonable price.</p> <p>(iv) Post construction operation, management and maintenance of the feed mills shall be carried out in a satisfactory manner by the beneficiaries at their own costs.</p> <p>(v) The project proposals of cooperatives/ collectives/ entrepreneurs shall be routed through the concerned State/ UT Government with proper recommendations.</p> <p>(vi) The Central and State Government organizations/ federations/ corporations/ agencies etc., shall submit the proposals directly to DADF and the financial assistance shall be decided on case to case basis in consultation with the concerned.</p> <p>(vii) NFDB shall also directly set up the feed mill plants with commercial approach at suitable location.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
7.2	Large Formulated Pellet Feed Plant (of a minimum capacity of 10 tonne/day or more)	As per actual, with a ceiling of Rs. 2 Crore/ Unit	<p>(i) This component will be implemented by NFDB with commercial approach.</p> <p>(ii) The project proposals of cooperatives/ collectives/ omnibus/ entrepreneurs shall be submitted to NFDB. The central assistance to these agencies will be provided as back-ended subsidy.</p> <p>(iii) Beneficiaries shall submit self contained Detailed Project Report (DPR) with full justification & technical details of the plant etc.</p> <p>(iv) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances, financial resources, necessary clearances/ permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(v) Beneficiaries organisations shall ensure supply of fish feed produced from the central funded feed mill plants to farmers at affordable/ reasonable price.</p> <p>(vi) Post construction operation, management and maintenance of the feed mills shall be carried out in a satisfactory manner by the beneficiaries at their own costs.</p> <p>(vii) The Central and State Government organizations/ federations/ corporations/ agencies etc., shall submit the proposals directly to NFDB and the financial assistance shall be decided on case to case basis in consultation with the concerned.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
8. Installation of Cages/Pens in Reservoirs and other Open Water Bodies			
8.1	Cages/Pens with inputs in Reservoirs and other Open Water Bodies (inputs include : cost of fish seed, feed, manure, disease prevention measures, transportation charges, etc.)	Rs. 3.00 lakhs per cage including installation and inputs for first crop)	<p>(i) This component will be implemented by NFDB with commercial approach.</p> <p>(ii) The project proposals of cooperatives/ collectives/ omnibus/ entrepreneurs shall be submitted to NFDB.</p> <p>(iii) The applicant shall obtain necessary prior permissions from the concerned State/ UT Government and other Competent Authorities for installation of cages in reservoirs and other water bodies.</p> <p>(iv) Fishermen Cooperative Societies, SC/ ST Cooperative Societies, Women Self Help Groups, Registered Entrepreneurs etc. shall be eligible for back ended subsidy for a maximum of 4 batteries of 6 cages each (24 cages) at a particular location.</p> <p>(v) For Central and State Government organizations/ federations/ corporations/ agencies etc., the number of cages & quantum of financial assistance shall be decided on case to case basis in consultation with the concerned.</p> <p>(vi) The unit cost includes capital, operational and maintenance costs on one time basis.</p> <p>(vii) The applicants shall be required to submit self contained project proposals together with documentary evidence of necessary clearances, permissions etc to avail of the assistance.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
9. Re-circulatory Aquaculture Systems (RAS)			
9.1	Low cost Re-circulatory Aquaculture System (RAS): 5 x 5 x 4 m cement tanks (100 m ³ each), minimum production capacity of 2 tonnes fish per tank	As per actual cost with a ceiling of Rs. 15.00 lakh per unit	<p>(i) Beneficiaries shall submit self contained Detailed Project Report (DPR) with full justification & technical details etc.</p> <p>(ii) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances, financial resources, necessary clearances/ permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(iii) DPRs shall also contain details of anticipated direct & indirect employment generation to local populations, enhancement of fish production, specific time lines for the implementation of the project etc.</p>
9.2	Medium Size Re-circulatory Aquaculture System (RAS): minimum 8 tanks; minimum size of each tank 7.65 x 7.65 x 1.5 m (90 m ³ each); minimum production capacity of 5 tonnes fish per tank	As per actual, with a ceiling of Rs. 50.00 lakh per unit of minimum 8 tanks. The unit of Medium Size RAS includes about Rs. 31 lakh capital cost and Rs. 19 lakh as operational cost. The central assistance is also provided against the operational cost as one time.	<p>(iv) Project proposals of cooperatives/ collectives/ omnibus/ entrepreneurs shall be submitted to NFDB. The central assistance to these beneficiaries will be provided as back-ended subsidy.</p> <p>(v) For Central and State Government organizations/ federations/ corporations/ agencies etc., quantum of financial assistance shall be decided on case to case basis in consultation with the concerned.</p> <p>(vi) Post construction operation, management and maintenance of the RAS shall be carried out in a satisfactory manner by the beneficiaries at their own costs.</p> <p>(vii) NFDB shall also set up manage the RAS with commercial approach at suitable location.</p> <p>(viii) Infrastructure created should have essential requirements for RAS including water treatment units.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
10. Stocking of Fish Fingerlings in Beels / Wetland			
10.1	Stocking of IMC Fingerlings In Wetlands (<i>Beels, Chours, etc.</i>) @ 2000 nos. per hectare.	As per actual with a ceiling of Rs.2.50 Fingerling.	<p>(i) Beneficiaries shall provide documentary evidence of availability of requisite wetland/ (beels, jeels, chours etc.) free from all encumbrances and financial resources along with necessary clearances/ permissions etc. in the DPR. No funds shall be provided for the land.</p> <p>(ii) Central financial assistance shall be restricted to a maximum area of 2 ha for individual beneficiary, 2 ha x number of members for cooperatives/ collectives. The project proposals in this category shall be routed through the concerned State/ UT Government with proper recommendations.</p> <p>(iii) For Central and State Government organizations/ federations/ corporations/ agencies etc. financial assistance for quantum of hectarage shall be decided on case to case basis in consultation with the concerned applicant.</p>
11. Creation of Portal For Advisory Services to Farmers on Mobile and Internet (with 100% Central funding)			
11.1	Creation of Portal for Extending Advisory Services to Fish Farmers, through Mobile appliances/ applications, Internet (IEC), e-commerce platform for suppliers, traders for end-to-end services to farmers, suppliers, traders and all need-based services in Fisheries	As per actual.	<p>(i) This activity/component shall be carried out through the central Government Institutions/ agencies/ corporations such as NIC, NICS, Central Public Sector Undertakings (CPSUs), Fisheries Institutes including ICAR Institutes etc.</p> <p>(ii) A dedicated portal for fisheries shall be created to extending of advisories, dissemination of information, networking fish markets and fish landing centres, compilation of various fishers related database, e-commerce platform for suppliers, Traders for end-to-end services to farmers, suppliers, trades and all need based services in fisheries etc.</p> <p>(iii) The agencies shall submit self contained proposals with technical and financial details etc.</p>

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
12. Training, Skill Development and Capacity Building to Fish Farmers and other Stakeholders in all Fisheries Related Activities both Marine and Inland Fisheries (with 100% Central funding)			
12.1	Dearness Allowance (DA)	Rs. 500/ per trainee/ day	<p>(i) Training, skill development & capacity building programmes for fish farmers & fishers and other stakeholders shall be carried through State Governments, UTs, Central Government Organizations/ Institutions such as KVKs, ICAR Institutes, ATMAS, ATARIs, Fisheries Institutes, State/ UT owned organizations, State agriculture/ veterinary/ fishery Universities, fisheries federations, corporations etc.</p> <p>(ii) The training batch shall not be less than 50 (fifty) Trainees per batch.</p> <p>(iii) Training organization shall submit self contained proposal indicating, details of trainees, training courses, venue, infrastructure facilities available for the purpose, duration of the training programme, availability of boarding and lodging facilities, details of resource persons, anticipated outputs etc.</p> <p>(iv) Preferably, the trainees shall be identified by the respective State Governments/UTs. The Central Government shall also identify the trainees in consultation (if need be) with the concerned State Governments/ UT.</p>
12.2	Travelling Allowance	Actual to and fro fare restricting to 2 nd Class Railway Fare	
12.3	Accommodation	As per actual with a ceiling of Rs. 600/- per trainee per day	
12.4	Distribution of training materials (Rs. 200/- per trainee per programme)	As per actual with a ceiling of Rs. 10,000/- per training programme for a batch of minimum 50 trainees	
12.5	Food, tea snacks, Refreshment to participants/ trainees during training classes etc: (Rs. 300/- per trainee per day)	As per actual with a ceiling of Rs. 15,000/ per day for a batch of minimum 50 trainees	
12.6	Demonstration/ Local Field Visit (Rs. 200 per training per programme)	As per actual with a ceiling of Rs. 10,000/- per training programme for a batch of minimum 50 trainees	
12.7	Stationeries and other unforeseen items (Rs. 100/- per trainee per training programme)	As per actual with a ceiling of Rs. 5000/- per training programme for a batch of minimum 50 trainees	

Appendix-IV

IV. National Fisheries Development Board and its Activities

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1. Fish Seed Production Including Development of Brood Banks (National and Regional)			
1.1	Hatcheries	Setting up fish hatcheries are covered in Inland component. NFDB, with the approval of DADF shall add any additional hatcheries required keeping in view the needs of the sector and broad funding patters.	
1.2	Establishment of Freshwater/ Brackish Water Fish / Shrimp/ Trout Brood Banks	As per actual with a ceiling of Rs. 500 lakh per Brood Bank of 5 ha area	<p>(i) Beneficiaries shall submit self contained Detailed Project Report (DPR) with full justification & technical details.</p> <p>(ii) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances, financial resources, necessary clearances/ permissions (wherever required) etc. in the DPR. No funds shall be provided for the land.</p> <p>(iii) Post construction operation, management and maintenance of the Brood Bank infrastructure facilities shall be carried out in a satisfactory manner by the beneficiaries at their own costs.</p> <p>(iv) The project proposals of cooperatives/ collectives/ entrepreneurs shall be routed through the concerned State /UT Government with proper recommendations.</p> <p>(v) The Central and State Government organizations/ federations/ corporations/ agencies etc., shall submit the proposals directly to NFDB and the financial assistance shall be decided on case to case basis in consultation with the concerned.</p> <p>(vi) NFDB shall set up and manage the Brood banks infrastructure facilities with commercial approach at suitable location.</p>
2	Fish Feed including establishment of Feed Mills	This is covered in Inland Component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns.	
3	Development of Post-Harvest, Value Addition Infrastructure and Marketing	This is covered in Marine Component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns.	
4	Cold Chain Development		
4.1	Certain items of the cold chain for fisheries such as ice plants, cold storages, fish marketing facilities have been covered under the Marine Component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns.		

SI No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
4.2	Integrated Cold chain Development covering the activities from fry to frying pan such as Pre-processing, and processing of fish, fish transportation (Insulated And Refrigerated Vehicles), Retail Outlets, Mobile Fish Markets, Kiosks, etc.	As per actual with a ceiling of Rs. 500 lakh per project	<p>(i) Beneficiaries shall submit self contained Detailed Project Report (DPR) with full justification & technical details.</p> <p>(ii) Beneficiaries shall provide documentary evidence of availability of requisite land free from all encumbrances, financial resources, necessary clearances/ permissions (wherever required) etc. in the DPR. No funds shall be provided for the land.</p> <p>(iii) Post construction operation, management and maintenance of the integrated cold chain infrastructure facilities shall be carried out in a satisfactory manner by the beneficiaries at their own costs.</p> <p>(iv) The project proposals of cooperatives/ collectives/entrepreneurs shall be routed through the concerned State /UT Government with proper recommendations.</p> <p>(v) The Central and State Government organizations/ federations/ corporations/ agencies etc., shall submit the proposals directly to NFDB and the financial assistance shall be decided on case to case basis in consultation with the concerned.</p> <p>(vi) NFDB shall set up and manage the integrated cold chain infrastructure facilities with commercial approach at suitable location.</p>
5	Development of Inland Fisheries	This is covered in Inland Component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns.	
6	Promotion of Small Scale Fisheries	This is covered in Marine and Inland Components. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns	
7	Provision of Alternative Livelihood	This is covered in Marine and Inland Components. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns.	
8	Skill Up- Gradation of Stakeholders in the Fisheries Sector	This is covered in Inland component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns.	

Appendix-V (a)

V. Monitoring, Control and Surveillance (MCS) and other need-based Interventions**1. Assistance to Costal States and Union Territories**

SI No	Description of the Items	Unit Cost
1.	Cost of printing, cyclostyle, photocopy of the standardized data entry format/farms.	Actual cost with a ceiling of Rs. 5 lakh per FMCS/per annum
2.	Procurement of supporting infrastructure facilities such as Personal Computers, Laptops, Printers, Photocopier Scanner, photo Cameras, Biometric capturing equipment, and allied software & equipments etc.	Actual cost with a ceiling of Rs. 10 lakh per FMCS (one time capital cost).
3.	Engagement of Data Entry Operator and Office assistant/MTS purely on contractual basis through outsourcing agencies. Payment of wages to DEOs, MTS/ office assistance etc.	A total of 5 DEOs/ MTSs/ Office Assistant per FMCS Centre. The wages of per DEO as per actual in the locality with a ceiling of Rs.20,000/ month/ DEO and Rs.15,000/ month to MTS/ Office Assistance etc.
4.	Purchase of stationery required for data collection, data compilation, collection & seeding of Bank Account, Mobile & Aadhar numbers of card holders(in respect of the fishers whom cards have already been issued) and data management/maintenance.	Rs. 5 lakh annual per FMCS Centre
5.	Payment of suitable honorarium, mileage, conveyance overtime allowances etc. as per the respective State/UT rules.	As per actual with a ceiling of Rs. 2.50 lakh annually per FMCS Centre.
6.	To provide logistic supports to the selected vendors during the course of capturing of Biometric details/data compilation and arranging meetings etc.	As per actual with a ceiling of Rs. 1 lakh per FMCS Centre annually.
7.	Advertisement, publicity through local media such as newspapers, radio and regional TV channels, networks, social media etc. from time-to-time to sensitize the fishers about the MCS activities such as issuance of ID cards, Registration of fishing vessels programme Best Management Practices (BMP), Standard Operating Practices (SOPs), setting up stalls in various State level National level workshops/seminars etc.	As per actual with a ceiling of Rs. 5 lakh annual per FMCS Centre.
8.	Local conveyance to transport men and materials during the course of data collection camps, fishing vessels registration camps setting up stalls in various State level National level workshops/seminars so as to popularize and promote MCS activities etc.	As per actual with a ceiling of Rs. 2 lakh annually per FMCS Center
9.	Creation of infrastructure such as construction of new Building for FMCS Centre (if any required), modernization of existing building/rooms. This include all civil works, electricity, plumbing, water supply, lighting, air conditioning, furniture and others items if any required so as to make FMCS Centre suitable for operation.	As per actual cost with a ceiling of Rs. 100 lakh per FMCS Centre (one time capital cost)
10.	Cost of setting up the State Level Server(design, procurement and installment of one server in each State/UT) with required hardware and software, procurement of card readers/hand held devices, barcode reader, cost of Annual Maintenance Contract(AMC) of all and necessary equipment procured and installed in the FMCS Centres, operating cost of basic facilities such as telephone, internet & electricity bills etc.	(a) As per actual with a ceiling of Rs. 10 lakh per State/UT for the initial one year as capital investment for procurement and installment of State Level Server other needy equipments and (b) As per actual with a ceiling of Rs. 2 lakh annually per FMCS Center for AMCS and other recurring expences.
11.	Training, awareness building programmes and seminars/ workshop etc. to train staff and beneficiaries/stakeholders etc.	As per actual with a ceiling of Rs. 2 lakh annually per FMCS Center
12.	Contingencies and overhead or any other unforeseen items.	As per actual with a ceiling of Rs.1 lakh annually per FMCS Center

Appendix-V (b)**2. To carryout MCS Activities at the Central Level by the DADF, MoA & FW (with 100% Central funding under the CSS)**

Sl No	Description of the Items	Indicative Service Providers/Agencies
1	Cost consultancy charges for data entry, digitization of data, capturing of Biometric details(whenever not captured by the States/ UTs), personalization, de-duplication of data, design and production of cards with 64 KB chip	Continue to implement through the consortium of three Central Public Sector Undertakings (CPSUs) led by Bharat Electronics Limited (BEL), Bangalore. Other two members of the consortium are ITI, Palakkad and ECIL, Hyderabad.
2.	Customization of software, updating of database of fishers for whom Biometric ID cards have already been issued by seeding of Aadhar, Bank Account, Voter cards and Mobile numbers etc. of the card holders.	Consortium of three CPSUs and States/ UTs
3.	Development and adoption of software required for seeding of Aadhar, Bank Account and Mobile numbers of the existing card holders, linkages & access of Aadhar database, NPR database or others wherever feasible so as to extract required data of fishers from the existing database for issuance of Biometric ID cards. Development of required software for linkages of fishers database between the State and Central servers, National data centres such as JWC, NMDA Centres and others, if any to facilitate effective use of fishers database by various authorized agencies both at the Central and State level.	Consortium of three CPSUs and NIC/NICSI or any State owned agencies.
4.	Production of Biometric Cards (new Cards), rectification of existing cards, changes in the existing database, issuance of duplicate cards wherever required including personalization and printing of cards etc.	DADF through consortium of three CPSUs and NIC/NICSI.
5.	Establishment and management of Central Server at New Delhi or any other location as decided by the DADF. This also includes up- gradation of the existing servers, if any, required.	DADF through consortium of three CPSUs or NIC, NICSI, CPWD or any other Central Government Department/Institutes
6	Standardization of card specifications & biometric enrolment (if any need be), development/up-gradation, development/customization and operation of the Key Management System(KMS) for biometric ID cards, establishment of secure MCS centre/environment in New Delhi or any other location to carryout KMS other MCS activities and other security related aspects etc in as secured environment.	DADF through NIC, NICSI, Consortium of three CPSUs, Central Institutes, State Organization/Agencies.

SI No	Description of the Items	Indicative Service Providers/Agencies
7.	Up-gradation, amendments and maintenance of ReALCraft system for registration of fishing vessels. This includes, AMC, development of software required for up-gradation of the ReALCraft system, establishment & operating of for Disaster Recovery facilities/ servers, Training and capacity building on ReALCraft applications, workshops/seminars, security auditing, customization of the existing software wherever required to accommodate present & local requirement, other activities required for smooth operation of the ReALCraft System. Continuation of activities relating to registration of fishing vessels etc.,	NIC, NICSU or any other Central Government Departments/ Institutes, State/ UTs and their owned agencies.
8.	Setting up of a centralized data processing FMCS Centre under the control of the DADF, MoA&FW to carryout all activities relating to MCS in a coordinated manner. This also includes management of database, interface with various stakeholders etc.	DADF through the Central Institutes, Fisheries Institutes, Consortium of three CPSUs, CPWD, Stated Organization/ Agencies. FISHCOPFED etc.
9.	Activities related to implementation of colour coding, of all fishing vessels/boats, notification of landing points, creating & maintaining of database of all boat building yards (including registration), connecting of fish landing centres & wholesale fish markets etc., on a common platform, implementation of provisions of respective State Marine Fisheries Regulation Acts (MFRAs), promotional activities on coastal fisheries and coastal security related matters, compliance of national and international fisheries related instruments in regulating and management of fisheries.	State Governments/ UTs, Central and State Fisheries Institutes, NIC, NICSU, consortium of three CPSUs, State Organization/ Agencies.
10.	Engagement of expert consultants (5 Nos.), Data Entry Operators (5 Nos.)/Office assistant/MTS purely on contractual basis through outsourcing agencies in the Fisheries Division to carry out all the activities related to MCS. The wages shall be restricted to Rs.20,000/ month per DEO and Rs.15,000/month to MTS/ Office Assistance etc.	DADF through NIC, NICSU, Central Fisheries Institutes, Consortium of CPSUs FISHCOPFED, etc.
11.	Purchase of required PCs, laptop, I-pads, tablets, photocopy machines, scanners, fax machine, printers etc. AMCs for hardware & software, hiring of vehicles, training & capacity building of the staff of fisheries Division make them cable to handle the MCS activates smoothly.	DADF through NIC, NICSU, Central Fisheries Institutes, Consortium of CPSUs FISHCOPFED, etc.

Appendix – VI

VI. Strengthening of Database and Geographical Information System (GIS) of the Fisheries Sector

Central Financial Assistance for all components: 100%

SI No	Component	Unit Cost				Terms and Conditions
		SI No	Item	Period	Amount (in akh)	
1	Sample survey for estimation of inland fishery resources and their potential and fish production	1	SRF (3) @ Rs. 16000/- & JRF (8) @ Rs. 14000/- + HRA	48 months	90.00	(i) Conducting sample survey to estimate inland fish production, productivity, potential and fisheries resources State/UT-wise and compute All India estimate. (ii) Conducting pilot study of production potential in 49 districts of 5 States namely Bihar, Gujarat, Sikkim, Tamil Nadu and Uttar Pradesh through CIFRI.
		2	Demarcation of villages @ Rs. 300 per village for 52152 villages (Maximum)	--	140.00	
		3	Payment to fishery friends (@-Rs. 1000 per month) (13 fishery friends per district for 49 districts) Maximum	13 months	80.00	
		4	Training expenses	--	5.00	
		5	T.A.	--	10.00	
		6	Contingent Expenditure (hiring of vehicle, AMC and Stationery)	--	10.00	
		7	Hardware Purchase of computer with printer (4) with Antivirus, MS Office (P), printer & peripherals	--	10.00	
		8	Honorarium for supervision of survey work	--	3.00	
		9	Report Preparation	--	2.00	
					Total	
2.	Census on Marine Fisheries	As per actual.				(i) Conducting Marine Fisheries Census in 9 Maritime States along the coastline by CMFRI. (ii) Conducting Marine Fisheries Census in Andaman & Nicobar Islands and Lakshadweep by FSI.

SI No	Component	Unit Cost			Terms and Conditions	
3.	Catch Assessment Surveys for Inland & Marine Fisheries	SI No	Item	Rs. in Lakh	<p>(i) Resource and catch assessment for inland and marine fisheries will be continued by extending the coverage to more districts in existing States where the scheme was implemented during previous financial years.</p> <p>(ii) Works would be done by engaging part time contractual enumerator @ of Rs 8500/ p.m. including T.A.</p> <p>(iii) State / UT should strictly follow CIFRI / CMFRI methodology for Inland / Marine Survey.</p>	
		I	CIFRI (Inland Fishery Survey)			
		i	TA for providing Training	35.00		
		ii	Contingency Expenditure	10.00		
		II	States			
		i	Staff Salary (4 staff in each state)	1365.00		
		ii	Traveling Allowance *	100.00		
		iii	Office Expenses	20.00		
		* Rs. 1 lakh for large State and Rs. 50,000/- for smaller State/ UT per year				
		III	MARINE (Marine Fishery Survey)			
			CMFRI / FSI Marine Survey			
		i	Training/Office Expenses (CMFRI)	40.00		
		ii	Training/Office Expenses (FSI)	30.00		
		IV	Part time Data Enumerator			
		i	Inland 200 (Maximum) X 48 months @ Rs. 8000/- + T.A. 500/- per month	810		
		ii	Marine 130 (Maximum)X 48 months @ Rs. 8000/- + T.A. 500/- per month	530		
			Grand Total (I +II+III+IV)	2940.00		
		* Rs. 1 lakh for large State and Rs. 50,000/- for smaller State/ UT per year				
		v	Creation/Continuation of Posts			
			Name of the post	Pay scale (pre-revised)		No. of posts
i	Assistant Director (Stat)	Rs. 8000-13500	1			
ii	Technical Assistant	Rs. 5500-9000	1			
iii	Investigators/ Statistical Assistant	Rs. 5000-8000	2			

SI No	Component	Unit Cost			Terms and Conditions
4.	Development of Geographical Information System (GIS) of the Fisheries Sector	SI No	Particulars	Cost (In lakhs)	<p>(i) Water bodies will be identified and classified for assessment of resources by using developed GIS techniques.</p> <p>(ii) Such water bodies will be efficiently used in mapping and assessment of total water spread area of the country.</p> <p>(iii) Potential areas will be highlighted on maps for future planning and development.</p> <p>(iv) A geo-referenced fishery database management system will be evolved and information will be linked and networked for users.</p> <p>(v) In the 11th Five Year Plan, E-Atlas for 14 States have been developed by CIFRI using LISS IV images and been sent to respective States for comments and use. More parameters such as ownership, socio-economic conditions, livelihood, culture based practices, etc. are to be included at the time of mapping and ground-truthing for the proposed 5100 water bodies in different States.</p>
		1	Socio economic and inventory data collection of 5100 water bodies (Maximum) Enumerator 51 field staff for 4 years @ Rs.10,000/-	200.00	
		2	Remote sensing imageries	20.00	
		3	Contractual worker for 5 years SRF(3) @ Rs.16000/-p.m and JRF (6) (Maximum) @ Rs.14000/-p.m. + HRA	100.00	
		4	Hardware: Work Station (6) Desk Top Computer (10), Web Server (1), Plotter (1), Colour Printer (4), GPS (20), Notebook Computer (15), Communication Modems (15), Storage Server (1).	20.00	
		5	Capacity Building	10.00	
		6	Analytical Instruments	15.00	
		7	Software: Arc Server (Enterprise with add on), Server Software, Database Werver, Photoshop and up-gradation of existing software of GIS, Annual Service Contract, Server Software, Customized Software's	60.00	
		8	TA for Ground Truthing	40.00	
		9	Vehicle and Boat Hire (5100 Water Bodies)	50.00	
		10	Contingencies: AMC of Computer, Stationery, Storage, Printer and Plotter Cartridge, Trainings, Communication Charges, and other incidental charges etc. Digital Road Maps.	10.00	
			Sub Total	525.00	
11	Institutional Charge	50.00			
	Grand Total	575.00			

SI No	Component	Unit Cost			Terms and Conditions
		SI No	Particulars	Cost (In lakhs)	
5.	Development of Fisheries Database.	1	For HRD (Including appointment of Field Surveyors/ Computer operators on temporary/ contract basis at least for three years for 30 States and 4 UTs @ 10,000 p.m.)	78.00	<p>(i) During 11th Plan, FISHCOPFED has conducted survey for primary cooperative societies. Surveys of State/ Region/ District cooperative federations and creation of database of fisheries cooperatives and individual fishers etc. shall be carried out.</p> <p>(ii) The survey will also include the information on status of the fishers, fish production in the field of fish capture, culture and other fishery-related activities.</p>
		2	Appointment of at least two technical consultant @ Rs20.00 lakh	12.00	
		3	For expenditure for TA etc.	12.00	
		4	For managerial expenditure at HQ including computers and laptop	14.00	
		5	For stationery and contingencies etc.	10.00	
		6	Expenditure on compilation and publication of Data	12.00	
		7	Organization of at least one workshops in every Zone i.e. six Zones @Rs.2.00 lakh	12.00	
			Total	150.00	

6.	Mapping of Smaller Water Bodies and Development of GIS-based Fishery Management System	A. Non-Recurring Expenditure			<p>(i) Mapping Project Office of Government of West Bengal will undertake the residual work of mapping of water bodies, time series mapping, mapping of Jhora fisheries, infrastructure and watershed to prepare a complete database for fisheries sector.</p> <p>(ii) CIFRI, Barrackpore shall be engaged in mapping of bigger waterbodies through satellite images.</p> <p>(iii) Under the guidance of experts of West Bengal Government, mapping of water bodies in Chhattisgarh shall be continued.</p> <p>(iv) Mapping of water-bodies in other States/UTs shall be undertaken on need based.</p>
		Sl No	Particulars	Cost (Rs. in lakhs)	
		1	Procurement of 4 Work Stations and 8 high-end computers including H/W, O/S, S/W for 5 image processing and GIS S/W Arc GIS and Erdas Imagine), 2 units of Leica Zeno 10 GPS equipments capable of operation in differential mode, one digital plotter and two servers with each of 10 TB storage capacity for installation in the Deptt. and Directorates	10.00	
		2	Cost of new purchase and replacement of article	2.00	
		3.	Payment of daily wages to the enumerators at Govt. approved rate for data collection work including contingencies and hiring of vehicles in the field for 221 blocks and 126 ULBS. @ Rs. 35000/- per block/ULB up to year 2014-15	10.00	
		4.	Networking with the zonal and district fisheries establishments	5.00	
		5.	Watershed Mapping in 2 districts	2.00	
		6.	Mapping of 4500 Jhora fisheries in the three hill sub-divisions of Darjeeling district	5.00	
		7	Development of infrastructure in the Fisheries Mapping Project Office	8.00	
		8.	Fisheries Infrastructure Mapping in 18 districts	12.00	
			Total	54.00	
		B. Recurring Expenditure			
		1.	Remuneration to officers and staff engaged on contractual basis (2 officers, 1 SRF (@ Rs. 16000/- + HRA), 5 JRF (@Rs. 14000/- + HRA), one Computer Engineer, 2 Surveyors, 2 Office Assistants, 2 Gr. D and 4 security personnel @20,00,000/- per year.	30.0	
		2.	Remuneration/honorarium to experts and professionals @50,000,00 per year.	2.00	
		3.	Office contingencies for purchase of computer and office stationeries color and black and white ink cartages. AMC for hardware & software, hiring of vehicles. generator maintenance, electricity & telephones, capacity building and other misc. expenses @20.00 lakh for a period of 5 years.	5.00	
		4.	Payment of TA/DA of officers and Staff during period of 5years.	4.00	
		5.	Payment of honorarium to officer and staff during the period 5 years .	5.00	
			Total	46.00	
	Grand Total (A + B)	100.00			

C. Tentative Budget requirement for a State/UT Mapping of Smaller Water Bodies (up to 0.2 to 0.5 ha) for Chhattisgarh and other needy State/UT		
SI No	Particulars	Cost (Rs. in lakhs)
1	Creation of Infrastructure	56.00
1.1	High end computer of standard specifications for image processing and GIS work with accessories @ Rs. 55000/- * 5 Nos.	2.75
1.2	MS Office with media documentation @ Rs.13000 * 5Nos.	0.65
1.3	A 0 size Scanner @ Rs. 7.50 Lakhs * 1 No.	7.50
1.4	A O Size Plotter @Rs.2.50 lakhs * 2 Nos.	5.00
1.5	Photocopier Machine @ Rs. 60,000 * 1 No.	0.60
1.6	A # size Flat-bed scanner @ Rs. 25,000/- * 1 No.	0.25
1.7	8-port LAN Connection with wiring @ Rs. 25,000/- * 1 No.	0.25
1.9	Hand -held GPS with accuracy of +/- 3cm @ Rs. 25,000/- * 4 Nos.	1.00
1.10	Laptop Computer @ Rs.60,000/- * 1 No.	0.60
1.11	Erdas Imagine Professional image processing software @ Rs.6.50 Lakhs * 1 No.	6.50
1.12	Erdas Imagine Advantage image processing software @ Rs.3.00 lakhs * 1 No.	3.00
1.13	ArcGIS Arc Editor GIS S/W @ Rs. 10.00 lakhs * 1 No.	10.00
1.14	ArcGIS Arc View GIS S/W @ Rs. 3.00 lakhs * 1 No.	3.00
1.15	Split A C of 2 ton capacity @ Rs.30,000 * 3 Nos.	0.90
2	Cost of computer tables, chairs and other articles of furniture (5 Computer tables, 12 chairs, 2 Almirah, one Iron Chest 2 Map cabinets, 1 big size drawing table)	3.00
3	Procurement of Satellite imagery @ Rs.392 per Sq.Km for an area of 80057 Sq.Km. (Maximum)	300.00
4	Development of Server and Storage System (one time cost)	50.00
5	Establishment and Other Charges (@ Rs.20.00 Lakhs per year * 5 years) (Maximum)	81.00
5.1	Remuneration to officers and staff engaged on contractual basis(2 surveyors, 1 office Assistants, two Gr.'D' and 4 security personnel)	70.00
5.2	Remuneration/honorarium to experts and professionals	2.00
5.3	Office contingencies for purchase of office stationeries, color and black and white ink cartages. Hiring of vehicles, electricity & telephones and other misc. expenses.	5.00
5.4	Payment of TA/DA to officers and staff @ 20,000.00 per month.	2.00
5.5	Payment of honorarium to officers and staff	2.00
6	Cost of Image processing	90.00
7	Data Collection	40.00
8	Consultancy Charges	10.00
	Total	630.00

SI No	Component	Unit Cost	Description of the Items
7.	Strengthening of Statistical Unit at Headquarters	Rs. 40.00 lakh per annum	<p>(i) In order to review the progress on implementation of the schemes in various States/UTs as also to maintain weekly wholesale price data in respect of different variety of fishes; 6 numbers of Data Entry Operator on contractual basis shall be engaged.</p> <p>(ii) Training to officials of Fishery Division on various official procedure, drafting & noting, Government policies and programs, Government Acts, Rules, use of software, IT based packages and any others essentials to essentials to improve the quality and smooth functioning of office works.</p> <p>(iii) Purchase of essential infrastructural items like laptops, photocopiers, scanner and PCs, software packages.</p> <p>(iv) The component on Strengthening of Database & GIS for Fisheries Sector shall be monitored by constituting a Technical Monitoring Committee (TMC) comprising representatives from various organizations like IASRI, CIFRI, CMFRI, FSI, CSO, NSSO, NIC, ISRO, ISI, FISHCOPFED, etc. for review and identification of data gaps and making recommendations for improvements in the scheme. The expenditure for holding the meetings of the TMC shall be covered under this sub-component.</p>
8.	Evaluation Studies / Professional Services	As per actual	Evaluation of the components of the Central Sector Scheme on Blue Revolution: Integrated Development & Management of Fisheries shall be conducted from time-to-time as and when required.

Appendix – VII

VII. Institutional Arrangement for Fisheries Sector

Sl No	Component	Unit Cost	Terms and Conditions
(i)	(ii)	(iii)	(iv)
1	To continue the Plan Activities of the Four Fisheries Institutes of the DADF	Implemented in the DADF with 100% Central Funding	<p>(i) The four Fisheries Institutes functioning under the DADF namely (a) Fisheries Survey of India (FSI), Mumbai, (b) Central Institute of Fisheries, Nautical and Engineering Training (CIFNET), Kochi, (c) Central Institute of Coastal Engineering for Fishery (CICEF), Bangalore and (d) National Institute of Fisheries Post Harvest Technology and Training (NIFPHATT), Kochi shall submit self contained respective annual plan to the DADF at the commencement of each financial year.</p> <p>(ii) The DADF shall evaluate, appraise and approve the annual plan keeping in view of the budgetary allocation.</p> <p>(iii) The Institutes shall submit the progress report on implementation of the approved annual plan on monthly basis to DADF for review and monitoring of the progress.</p> <p>(iv) The Institutes at the end of the each financial year shall submit the final progress report clearly indicating the achievements in physical terms, item-wise expenditure incurred, shortfall/constraints etc.</p>
2	To establish a Directorate of Aquatic Animal Health and Quarantine	Implemented in the DADF with 100% Central Funding	<p>(i) Setting up of Aquatic Animal Quarantine Units (AAQUs) & Disease Diagnostics Laboratories (DDLs) at the following places shall be taken up in the first phase:</p> <ul style="list-style-type: none"> • East Coast (Chennai) • West Coast (Mumbai) <p>(ii) Setting up of Coordinating Unit at Headquarters in New Delhi shall be taken up. Besides, activities relating to protocols and legal mechanisms for ensuring bio-security of aquatic animals shall be covered under this component.</p> <p>(iii) The broad items of expenditure covered under this component include the required buildings & installation for AAQUs & DDLs, holding infrastructure facilities, operational infrastructure facilities (equipment & furniture), non-recurring & recurring costs including running, maintenance and staff costs.</p>





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