

**No.117012-3/2020- Fy**  
**Government of India**  
**Ministry of Fisheries, Animal Husbandry and Dairying**  
**Department of Fisheries**

Krishi Bhavan, New Delhi  
Dated the 12<sup>th</sup> December, 2022

To  
The Special Chief Secretaries/Principal Secretaries/Secretaries in-charge of  
Department of Fisheries of all the State Governments/UTs and other concerned organizations  
(As per list at Appendix-I)

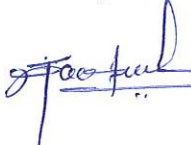
**Subject: Amendments/Revisions in the Operational Guidelines of the “Pradhan Mantri Matsya Sampada Yojana(PMMSY) - A scheme to bring about Blue Revolution through sustainable and responsible development of fisheries sector in India”**

Sir/Madam,

I am directed to refer to the captioned subject and to inform that this Department is implementing a flagship scheme the “Pradhan Mantri Matsya Sampada Yojana(PMMSY) - A scheme to bring about Blue Revolution through sustainable and responsible development of fisheries sector in India” at a total investment of Rs. 20050 crore for a period of 5(five) years from FY 2020-21 to FY 2024-25 in all the States and Union Territories(UTs). Administrative Approval and detailed Operational Guidelines of the PMMSY have been issued on 12.6.2020 and on 24<sup>th</sup> June, 2020 respectively. Certain amendments to the said Operational Guidelines have also been issued on 6<sup>th</sup> November, 2021. The Operational Guidelines issued vide this Department’s letter of even number dated 24<sup>th</sup> June, 2020 are also uploaded in this Department’s website (<http://www.pmmsy.dof.gov.in>) and (<http://www.dof.gov.in>)

2. It is further informed that the PMMSY *inter-alia* provides that the Department of Fisheries (DoF) will also undertake necessary modification to the Operational Guidelines within the broad framework of the PMMSY based on sectoral needs and feedback/demands from the End Implementing Agencies (EIAs) during the course of implementation of PMMSY. In pursuance of the provisions mentioned above and based on the requests made by many States/UTs, the approval of Competent Authority is hereby conveyed to the following revisions/amendments in the Operational Guidelines of the PMMSY:

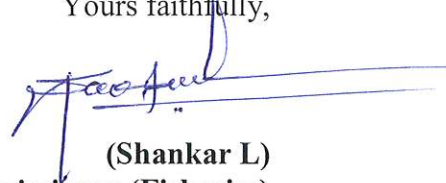
- (i) To amend the shape and dimensions of cages in reservoirs and provide governmental assistance for installation of cages in reservoir on the basis of unit volume of cages.
- (ii) Relaxation of academic qualification and to include taxes and agency charges in the remuneration and other terms and conditions for engagement of Sagar Mitras.
- (iii) Revision of subsidy pattern for Large Re-circulatory Aquaculture System under PMMSY.
- (iv) Inclusion of a sub-activity “Promotion of sustainable fisheries and livelihoods through Artificial Reefs and Sea Ranching under the activity “Integrated Modern Coastal Fishing Villages” (IMCFV) of the Centrally Sponsored Scheme (CSS) Component of Pradhan Mantri Matsya Sampada Yojana (PMMSY).

  
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3. The details of the aforementioned revisions/amendments in the Operational Guidelines of the PMMSY are furnished at **Annexure** to this letter.
4. The States/UTs are hereby advised to adopt aforesaid revisions/amendments for implementation of the activities of PMMSY.
5. This issues with the approval of Competent Authority in this Ministry.

Yours faithfully,



**(Shankar L)**  
**Joint Commissioner (Fisheries)**  
**Tele : 011-23389212**

**Encl: As above**

1. **Copy for necessary action to :** The Commissioner/Director of Fisheries all the States/UTs (As per the list at Appendix-I).

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**Appendix-I**

**List of Secretaries in charge of the Department of Fisheries of all the States/ UTs and other organizations/stakeholders associated with the implementation of the Pradhan Mantri Matsya Sampada Yojana(PMMSY)**

1. Integrated Finance Division, Department of Fisheries, MOAFW, Krishi Bhawan, New Delhi
2. Principal Accounts Officer, Department of Fisheries, MOAFW, 16A Akbar Road Hutments, New Delhi
3. Pay & Accounts Officer, Department of Fisheries, MOAFW, Krishi Bhawan, New Delhi
4. The Chief Executive, National Fisheries Development Board (NFDB), Fish Building, Near Pillar No. 235, P.V.N.R Express Way, National Police Academy Post, Rajendra Nagar, Hyderabad-500 052.
5. The Principal Secretary, Government of Kerala, Department of Fisheries, Secretariat, Thiruvananthapuram-695001(Fax:0471-2333115) (Email: [prlsecy@lsg.kerala.gov.in](mailto:prlsecy@lsg.kerala.gov.in))
6. The Special Chief Secretary, Government of Andhra Pradesh, Animal Husbandry, Dairy Development & Fisheries Department, 4<sup>th</sup> Block, Ground Floor, AP Secretariat, Velagapudi, Amravati-522503 (Email: [prlsecy\\_ahf@ap.gov.in](mailto:prlsecy_ahf@ap.gov.in))
7. The Secretary, Government of Karnataka, Animal Husbandry & Fisheries Department, Secretariat, 4<sup>th</sup> Floor, Vikasa-Soudha, Dr. B.R. Ambedkar Veedhi, Bangalore- 560 001(Fax No. 080- 22253734) (Email: [dof\\_blr\\_ka@nic.in](mailto:dof_blr_ka@nic.in))
8. The Secretary-cum-Commissioner, Government of Odisha, Fisheries & A.R. Department, Bhubaneshwar 751 001 (Fax No. 0674-2390681) (Email: [itsec@ori.nic.in](mailto:itsec@ori.nic.in))
9. The Secretary, Government of Tamil Nadu, Animal Husbandry & Fisheries Department, Secretariat, Chennai- 600 009 (Fax No. 044-25672937) (Email: [ahsecy@tn.gov.in](mailto:ahsecy@tn.gov.in))
10. The Secretary, Department of Agriculture, Cooperation and Fisheries, 7, Sardar Bhawan, 6<sup>th</sup> Floor, New Sachivalaya Complex, Government of Gujarat, Gandhinagar-382 010 (Fax No. 079- 23252480). (Email: [seccpd@gujarat.gov.in](mailto:seccpd@gujarat.gov.in))
11. The Secretary, Government of Maharashtra, Department of Agriculture, Animal Husbandry, Dairy Development & Fisheries, Mantralaya Annexe, Mumbai – 400 030 (Fax No. 022-22026139) (Email: [secy.adf@maharashtra.gov.in](mailto:secy.adf@maharashtra.gov.in))
12. The Secretary, Department of Fisheries, Government of West Bengal, Benfish Tower ("7th & 8th Floor"), 31-GN Block, Sector-V, Salt Lake, Kolkata-700091 (E-mail: [dsfisheries@gmail.com](mailto:dsfisheries@gmail.com))
13. The Special Chief Secretary, Government of Telangana, Telangana Secretariat, Hyderabad- 500001
14. The Secretary (Fisheries), Government of Puducherry, Chief Secretariat, Goubert Avenue, Pondicherry-605 001(Fax No. 0413-2334036) (Email: [dhte.pon@nic.in](mailto:dhte.pon@nic.in))
15. The Secretary(Fisheries), Andaman & Nicobar Administration, Port Blair-744 101 (Fax: 03192-232479) (Email: )
16. The Secretary (Fisheries), Government of Goa, Secretariat, Porvorim, Panaji – 403 521(Goa) (Fax No. 0832-2419687) (Email: [neeraj.semwal@nic.in](mailto:neeraj.semwal@nic.in))
17. The Secretary (Fisheries), Administration of the Union Territory of Lakshadweep, Department Fisheries, Agatti Island-682 555(Fax No. 04896-263896/262184)

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18. The Secretary(Fisheries), Union Territories of Daman & Diu, and Dadra & Nagar Haveli, Secretariat, Moti Daman -396 220(Fax 0260-2230383) (Email: [Collector-dnh@nic.in](mailto:Collector-dnh@nic.in))
19. The Principal Secretary (Fisheries), Govt. of Assam, IV<sup>th</sup> Floor, Block-B, Assam Secretariat, Dispur, Guwahati- 781 006 (Fax:- 0361-2545104) (Email: [narzaryhemanta@gmail.com](mailto:narzaryhemanta@gmail.com))
20. The Principal Secretary and APC(Fisheries), Govt. of Chhattisgarh, Raipur-492 001. Fax:- 0771-2443067/2221216 (Email:
21. The Commissioner cum Secretary (Fisheries), Govt. of Arunachal Pradesh, New Itanagar – 791 111(Fax:- 0360-2212719)
22. The Secretary (Fisheries), Animal & Fisheries Resources Dept., Government of Bihar, New Secretariat, Vikas Bhawan, Patna – 800 015 (Fax:- 0612-2217010) (Email: [ahd-bih@nic.in](mailto:ahd-bih@nic.in))
23. The Principal Secretary (Fisheries), Government of Haryana, New Secretariat Sector-17, Room No-102, Chandigarh-160017 (Haryana) Fax:- 0172-2700803 (Email: [fisheries.haryana@gmail.com](mailto:fisheries.haryana@gmail.com))
24. The Secretary (Fisheries), UT of Chandigarh, Chandigarh-160017
25. The Additional Chief Secretary (Fisheries), Agriculture & Fisheries Department, Government of Himachal Pradesh, Shimla – 171 002. Telefax:- 0177-2621894, 2622382 (Email: [agrisecy-hp@nic.in](mailto:agrisecy-hp@nic.in))
26. The Additional Chief Secretary (Fisheries), Department of AH&D and Fisheries, Nepal House, Post Doranda, Government of Jharkhand, Ranchi – 834002, Fax:- 0651-2480747 (Email: [ahdjharkhand@gmail.com](mailto:ahdjharkhand@gmail.com))
27. The Commissioner cum Secretary(Fisheries), Govt. of J & K, Secretariat Jammu & Kashmir, Civil Secretariat, Jammu - 180001(Fax:-0191-2546793) (Email: [ejaziqbal11@gmail.com](mailto:ejaziqbal11@gmail.com))
28. The Principal Secretary(Fisheries), Fisherman Welfare, Government of Madhya Pradesh, Room No-311, 3<sup>rd</sup> Floor, Mantralaya Bhopal, Madhya Pradesh- 462 016(Fax:- 0755-2767569, 2512118/ 2551357) (Email:[dirfish@mp.nic.in](mailto:dirfish@mp.nic.in))
29. The Secretary (Fisheries), Government of Manipur, Imphal – 795 001 (Fax:- 0385-2452629) (Email:
30. The Secretary (Fisheries), Government of Meghalaya, Shillong – 793 003 (Fax:- 0364-2220202) (Email: [ncve@rediffmail.com](mailto:ncve@rediffmail.com))
31. The Secretary (Fisheries), Government of Nagaland, New Secretariat Complex, Kohima – 797 001, Fax:- 2224473 (Email:[odyuowobeni@gmail.com](mailto:odyuowobeni@gmail.com))
32. The Principal Secretary, Department of Animal Husbandry, Fisheries and Dairy Development, Government of Punjab, Room 527, Punjab Civil Secretariat-II, Sector-9, Chandigarh-160009 (Fax:- 0172-2745071) (Email:
33. The Commissioner-cum-Secretary (Fisheries), Department of Animal Husbandry, Government of Sikkim, Tadong, Gangtok- 737102 Ph:- 03592- 231876 (e.mail: [dpsharma29@gmail.com](mailto:dpsharma29@gmail.com))
34. The Secretary (Fisheries), Government of Mizoram, Aizawl – 796 001 (Fax:- 0389-2325749)
35. The Principal Secretary (Fisheries), Government of Rajasthan, Secretariat Rajasthan, Jaipur – 302 005 (Telefax- 0141-227132/ 2227663) (Email: [secy\\_ah@rajasthan.gov.in](mailto:secy_ah@rajasthan.gov.in))
36. The Secretary (Fisheries), Govt. of Tripura, Agartala – 799 001 (Fax:- 0381-2226294) (Email: [tripurafisheries@rediffmail.com](mailto:tripurafisheries@rediffmail.com))

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37. The Principal Secretary (Fisheries), Government of Uttar Pradesh, Sachivalaya, Lucknow – 226 001 (Fax:- 0522-2236812) (Email: [srivastavacpl53@yahoo.com](mailto:srivastavacpl53@yahoo.com))
38. The Secretary (Fisheries), Government of Uttaranchal, North Building, Foreshore Road, Dehradun-248 001 (Fax:- 0135- 2712803) (Email: [rcpathak04@gmail.com](mailto:rcpathak04@gmail.com))
39. The Secretary (Fisheries), Government of Dadar Nagar Haveli, Silvassa- 396 230
40. The Secretary (Fisheries), Govt. of Delhi, Secretariat, New Delhi
41. The Director (Fisheries), Govt. of Assam, Meen Bhawan, Ulubari, Guwahati- 781 016 (Telefax:-03612545104)(Email:[assamfishery@gmail.com](mailto:assamfishery@gmail.com)/[assam\\_fishery@rediffmail.com](mailto:assam_fishery@rediffmail.com))
42. The Director (Fisheries), Govt. of Chhattisgarh, Dau Kalyan Singh Bhawan, Raipur – 492 006, (Fax:- 0771-2443067) (Email:[dirfishery.cg@nic.in](mailto:dirfishery.cg@nic.in))
43. The Director (Fisheries), Govt. of Arunachal Pradesh, New Itanagar- 791 111 (Telefax:- 0360-2212515)(Email: [debangsu28@yahoo.in](mailto:debangsu28@yahoo.in))
44. The Director (Fisheries), Govt. of Bihar, Canteen Tank, Old Secretariat, Patna – 800001(Fax:-0612-2210819)(Email([directorfisheries-bih@nic.in](mailto:directorfisheries-bih@nic.in), [fd63\\_nishad@hotmail.com](mailto:fd63_nishad@hotmail.com))
45. The Director (Fisheries), Govt. of Haryana, SCO – 6, Sector – 16, Panchsala – 160 022 (Fax:- 0172-2577491)( Email:[fisheries.haryana@gmail.com](mailto:fisheries.haryana@gmail.com))
46. The Director-cum-Warden of Fisheries, Govt. of Himachal Pradesh, Matasaya Bhawan, Bilaspur – 174 001 (Fax:- 01978-224068) (Email: [dirhpfish@rediffmail.com](mailto:dirhpfish@rediffmail.com))
47. The Director (Fisheries), Govt. of Jharkhand, Doronda, Ranchi – 834 002 (Telefax:- 0651-2480747) (Email:[directorfisheriesjhar@rediffmail.com](mailto:directorfisheriesjhar@rediffmail.com))
48. The Director (Fisheries), Govt. of Jammu & Kashmir, Nehru Park, Near Police Station, Srinagar-180 016 (Fax:- 0191- 2548116) (Email:[krmfisheries@yahoo.com](mailto:krmfisheries@yahoo.com))
49. The Director (Fisheries), Govt. of Madhya Pradesh, Vindhyaachal Bhawan, Bhopal – 462 011 Fax:-0755-2551357/ 2550788/ 2767569 (Email: [dirfishnmp.nic.in](mailto:dirfishnmp.nic.in))
50. The Director (Fisheries), Govt. of Manipur, Imphal- 795 001 (Fax:- 0385-2222629)(Email:[directorfy@yahoo.com](mailto:directorfy@yahoo.com))
51. The Director (Fisheries), Govt. of Meghalaya, Risa Colony, Shillong- 793 008 (Telefax:- 0364-2220201/ 2520321)( Email:)
52. The Director (Fisheries), Govt. of Nagaland, IG Stadium Road,NH-61, P.B. No.- 504, Kohima- 797 001 (Fax:- 0370-2224473) (Email:)
53. The Director (Fisheries), Government of Punjab, SCO No. 1040-41, Sector-22, Chandigarh- 160 001 (Telefax:- 0172-2705827/ 2541827) (Email: [dwfpunjab@gmail.com](mailto:dwfpunjab@gmail.com))
54. The Director (Fisheries), Govt. of Sikkim, Gangtok- 737 101 (Fax:- 03592-270921/ 202993) (Email: [director\\_agri@yahoo.com.in](mailto:director_agri@yahoo.com.in))
55. The Director (Fisheries), Govt. of Mizoram, Aizwal- 796 001 (Fax:- 0389-2325749) (Email: [daziaizawl@gmail.com](mailto:daziaizawl@gmail.com))
56. The Director (Fisheries), Govt. of Rajasthan, Pashudhan Bhawan, Tonk Road, Jaipur – 302 005 (Fax:- 0141-2743347/ 330)(Email: [dffishraj@rediffmail.com](mailto:dffishraj@rediffmail.com))
57. The Director (Fisheries), Govt. of Tripura, Gurkhabasti, Agartala- 799 001 (Telefax:- 0381-2226294 (Email: [directorfishtripura@yahoo.in](mailto:directorfishtripura@yahoo.in))
58. The Director (Fisheries), Govt. of Uttar Pradesh, 7, Faizabad Road, Lucknow – 2260007 (Fax:- 0522-2740483)(Email: [fisheries.mpr@gmail.com](mailto:fisheries.mpr@gmail.com))
59. The Commissioner of Fisheries, Government of Telangana, Matsya Bhavan, Masab Tank, Shantinagar, Hyderabad- 500028)(Email: [dirahd@yahoo.com](mailto:dirahd@yahoo.com))

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60. The Director (Fisheries), Govt. of Uttarakhand, Badasi Grant Dhanyadi, Raipur, Dehradun – 248 001 (Uttarakhand) (Fax:- 0135-2712919/ 2107303/ 2115174)(e.mail: [purohithk1287@gmail.com](mailto:purohithk1287@gmail.com))
61. The Director of Fisheries, Government of Orissa, Dry Dock, Jobra, Cuttack – 753007 (Fax : 0671 – 2414739). (Email: [director.odifish@gmail.com](mailto:director.odifish@gmail.com))
62. The Director of Fisheries, Department of Fisheries, Government of Karnataka, No.3, Podium Block, Vishvesharaiah Centre, Dr.B.R. Ambedkar Vidhi, Bangalore – 560001 (Fax No.080-22864619) (Email:[dfkarnataka@rediffmail.com](mailto:dfkarnataka@rediffmail.com))
63. The Commissioner of Fisheries, Government of Gujarat, Dr. Jivaraj Mehta Bhavan, Block No.10, 3<sup>rd</sup> Floor, Gandhi Nagar – 382010(Fax No.079-23253730). (Email: [commi-fisheries@gujarat.gov.in](mailto:commi-fisheries@gujarat.gov.in))
64. The Commissioner of Fisheries, Government of Tamil Nadu, Fisheries Department Integrated Office Complex for Animal Husbandry and Fisheries Department Anna Salai, Nandanam, Chennai – 600 035.
65. The Commissioner of Fisheries, Government of Andhra Pradesh, Poranki, Bandar Road, Vijayawada –521137(Email:[comfishap@gmail.com](mailto:comfishap@gmail.com))
66. The Director of Fisheries, Department of Fisheries, Govt. of Pondicherry, Botanical Garden Premises, Puducherry– 605001(Fax : 0413-2220614). (Email:[secyrev.pon@nic.in](mailto:secyrev.pon@nic.in))
67. The Director of Fisheries, Andaman & Nicobar Island, Port Blair–744101(Fax No.03192-231474) (Email:[dirfish.and@nic.in](mailto:dirfish.and@nic.in))
68. The Director of Fisheries-cum Joint Secretary(Fish), Government of Goa, Dayanand Bandodkar Marg, Panaji- 403 001(Fax : 0832-2224660/ 2227780) (Email:[dir-fish.goa@nic.in](mailto:dir-fish.goa@nic.in))
69. The Director of Fisheries, Government of Kerala, Directorate of Fisheries, Vikas Bhavan, Thiruvananthapuram –695 035(Fax:0471-2303160). (Email: [fisheriesdirector@gmail.com](mailto:fisheriesdirector@gmail.com)/ [ddfmmarinehq@gmail.com](mailto:ddfmmarinehq@gmail.com))
70. The Director of Fisheries, Govt. of West Bengal, 31, GN Block, Sector-5, Salt Lake City, Kolkata -700 091 (Phone : 033-23576416, 033-23577783) (Email: [dfwb\\_kol@hotmail.com](mailto:dfwb_kol@hotmail.com))
71. The Director of Fisheries, Administration of Union Territory of Lakshadweep, Department of Fisheries, Kavaratti Island, Kavaratti - 682 555. (Email:[lk-dof@nic.in](mailto:lk-dof@nic.in))
72. The Director of Fisheries, Fisheries Department, Union Territory of Daman & Diu, Silvassa (Fax No.0260-2230689) (Email:[fish-daman-dd@nic.in](mailto:fish-daman-dd@nic.in))
73. The Commissioner of Fisheries, Government of Maharashtra, Taraporewala Aquarium, Netaji Subhash Road, Charni Road, Mumbai – 400 002 (Fax No. 022 - 22822312). (Email: [commfishmaha@gmail.com](mailto:commfishmaha@gmail.com))
74. The Secretary (Fisheries), Bodoland Territorial Council, Planning & Development, Aquaculture, Animal Husbandry, Korajhar(Fax No: 0361-2611952)
75. The Nodal Officer, Bodoland Territorial Council, Central Government Schemes Planning & Development, Aquaculture, Animal Husbandry, Korajhar(Fax No: 0361-2611952)
76. Four Fisheries Institutes of DADF (FSI, Mumbai, CIFNET, Kochi, NIPHAATT, Kochi, CICEF, Bengaluru and CAA, Chennai)
77. Chairman, Major Port Trusts (Chennai, Mumbai, Kochi, Visakhapatnam, Paradip and Kolkata)

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**Annexure**

**Revisions in the existing Activities/sub-activities and amendment in the Operational Guidelines of Pradhan Mantri Matsya Sampada Yojana (PMMSY)**

**Revisions/Amendments in the Operational Guidelines**

The following revisions/amendments in the operational Guidelines of the Pradhan Mantri Matsya Sampada Yojana (PMMSY) have been approved.

**1. To amend the shape and dimensions of cages in reservoirs and provide governmental assistance for installation of cages in reservoir on the basis of unit volume of cages.**

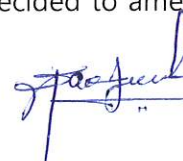
1.1 Installation of Cages in Reservoirs is one of the activities supported under the PMMSY and its unit cost for Governmental assistance is fixed at Rs. 3 lakh per cage under the PMMSY. PMMSY provides financial support to various beneficiaries for installation cages as details below:

*"The governmental assistance is restricted to (a) a maximum of 18 cages per individual beneficiary (b) In case of Groups of fishers and fish farmers i.e. fisher SHGs/Joint Liability Groups (JLGs)/Fisher Cooperatives etc. or those undertaken in a cluster/area approach, the number of cages for governmental assistance will be limited to 6 x number of members of such group with a ceiling of 72 cages per group".*

1.2 While there was no specific mention was made in the Operational Guidelines of PMMSY regarding the geometry/shape of the cages to be supported, normally the accepted size and shape of a cage has been 6m(l) x 4m(b)x 4m(d) rectangular cage made of GI frame/HDPE frame, as the same has been adopted from the Blue Revolution Scheme.

1.3 Many State Governments especially the Government of Odisha have requested the Department of Fisheries, GoI to permit installation of circular cages instead of rectangular cages in reservoirs within the approved unit cost, as the circular cages have more advantages in terms of healthy growth of fish, higher fish production, optimum inputs utilization, feasibility of culture of various commercial species such as Indian Major Carps enabling species diversification, etc. Further it was also informed that the rectangular cages primarily support pangasius culture.

1.4 The proposal has been considered in the Department of Fisheries and based on the recommendations of the Central apex Committee (CAC) it has been decided to amend the

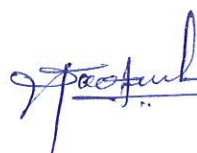
  
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relevant portion of the PMMSY Operational Guidelines clause at SI No 5.5(a) of Annexure-II of the operational guidelines Governing provision of proposal for providing the Governmental assistance for installation of cages in reservoirs on the **basis of unit volume of cages** instead of number of cages as detailed below:

SI No	Component	Unit rate per cubic meter (m <sup>3</sup> )	Broad Items covered for reservoir cage culture
(i)	(ii)	(iii)	(iv)
1.	Capital cost	Rs. 1500/cum	<ul style="list-style-type: none"> <li>Material : HDPE/GI frame</li> <li>HDPE/GI cage frame of appropriate diameter with necessary fitting and fixtures.</li> <li>HDPE cage Net with accessories and fixtures.</li> <li>Mooring systems (mooring aqua ropes of appropriate quality and dia, anchors, marker buoy, concrete blocks, aqua ropes etc.).</li> <li>Nylon knotless nets as may be required .</li> <li>PP rope with necessary rings as may be required.</li> <li>All other accessories and fixture as may be required for installation of cages.</li> <li>Floating store house with proper anchorage system, solar electricity, floating raft and life jackets etc.(material, fabrication and installation costs).</li> <li>One boat of appropriate size with outboard engine of appropriate HP.</li> <li>On-shore room for storage and resting of project personnel.</li> <li>Other items, if any required for installation and operation of the cages.</li> <li>The unit cost as at (iii) is inclusive of all admissible taxes and statutory expenses.</li> </ul>
(ii)	Operational cost	Rs. 1500/cum	<ul style="list-style-type: none"> <li>Fish fingerlings( not less than 50gm size).</li> <li>Feed for one crop of 6 month culture period</li> <li>Cage maintenance cost for 6 months.</li> <li>Medicine and with medical kits as may be required.</li> <li>Labour, harvest and land side post-harvest facilities, handling and processing.</li> <li>cost of regular cleaning and maintenance of cage culture premise.</li> <li>Management and administrative costs.</li> <li>The unit cost as at (iii) is inclusive of all admissible taxes and statutory expenses.</li> </ul>
	<b>Total</b>	<b>Rs. 3000/cum</b>	

1.5 Accordingly amendment of the admissibility of Governmental assistance for reservoir cages on the basis of volume of the cages is hereby issued as below:

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***"The governmental assistance is restricted to (i) a maximum of 1800 cubic meter (cum) per individual beneficiary and (ii) In case of Groups of fishers and fish farmers i.e. fisher SHGs/Joint Liability Groups (JLGs)/Fisher Cooperatives etc. or those undertaken in a cluster/area approach, the volume of cages for governmental assistance will be limited to 600 cum x number of members of such group with a ceiling of 7200 cum of cages per group. Further, the unit rate shall not exceed Rs.3000 per cubic meter volume of the cage"***

1.6 Other terms and conditions as approved are as below:

- 1.6.1 The volume of a cage for governmental assistance should not be less than 100 cum, irrespective of its shape.
- 1.6.2 The volume indicated in the table at para 1.4 above for governmental assistance under PMMSY will be the total inner volume of a cage (calculated based on measurement of inner dimensions of the cage).
- 1.6.3 The unit cost per cubic meter given in the table at para-1.4 above is the upper limit. The unit cost also includes the applicable taxes and statutory expenses, if any, required for smooth implementation of the cage culture project.
- 1.6.4 While noting the fact that the cost of cage will vary with the type and quality of materials used, size and shape of cages, project location (remoteness and difficult terrain) etc., it has been decided the State Governments/UTs and other implementing agencies will sanction the governmental assistance to the beneficiaries based on actual cost of the cage supported by necessary vouchers/supplier bills subject to the limit of cost per cubic meter and the limit of max volume mentioned in para-1.5 above.
- 1.6.5 The beneficiary will maintain proper records of the capital and operational expenditure with supporting receipts/vouchers/supplier bills etc., and produce the same to the State/UT/other implementing/funding agencies for assessing & releasing the governmental assistance under PMMSY.
- 1.6.6 In case, the beneficiary intends to construct cages with a volume more than the prescribed limit as in para-1.4 above, he/she is free to do so. However, the governmental assistance will be based on the actual cost limited to the ceiling prescribed as above.

  
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- 1.6.7 Beneficiaries are free to choose any shape of the cage (rectangular, circular square etc.,) to suit the local needs, environmental conditions etc., with the broad specifications/items indicated in the table at para-1.4 above.
- 1.6.8 The height of the cage to be supported under PMMSY should not be less than 4 meter with a minimum 2 meter clearance from the lake/reservoir bottom in normal circumstances. The beneficiary is free to have the higher height, but maximum height of cage for calculation of governmental assistance will be limited to 4 meter.
- 1.6.9 Cage height of less than 4 meter and less than the minimum 2 meter clearance from the lake/reservoir bottom is permissible only in such cases where the reservoirs water bodies do not have the desired depth of 6 meter and where no other alternative is available. In such scenario, the concerned States/UTs and other implementing agencies will analysis the aspects stated above and other environmental aspects before allowing such shallow water cages under PMMSY.
- 1.6.10 The above revised guidelines as stated above will apply for (a) those reservoir cages already approved under the PMMSY, but no expenditure is made in implementation of the approved cage culture project till the date of issuance of these revised Operational Guidelines relating to reservoir cage culture and (b) the new cages to be approved under PMMSY with effect from the date of issuance of these revised guidelines.

**2. Relaxation of academic qualifications, include taxes and agency charges in the remuneration for engagement of Sagar Mitras.**

2.1 The PMMSY envisages to engage a total of 3477 Sagar Mitras and deploy them at the rate of one Sagar Mitra per coastal fishing village in the maritime States/UTs to carry out assigned functions such as (i) interface between Government and fishers, (ii) create awareness on various schemes and programs, (iii) promote participatory approach, (iv) fish catch data collection, (v) compile information on fish production, prices etc. and (v) to mobilize fishers for training and capacity building.

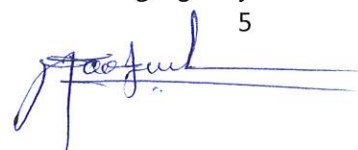
2.2 It is noticed the existing eligibility criteria, academic qualifications prescribed and differential remuneration paid by the States/UTs for engagement of Sagar Mitras under the PMMSY.

2.3 Some of the State Governments like Maharashtra and Gujarat have made requests for relaxation in the prescribed qualifications and provide agency charges.

  
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- 2.4 From the requests received from the coastal States noted as detailed below:
- 2.4.1 The Department of Fisheries, GoI has so far approved engaging of a total of 2489 Sagar Mitras, out of 3477 Sagar Mitras envisaged under PMMSY.
- 2.4.2 It is informed that the outsourcing agencies in some States like Maharashtra are demanding agency charges over & above the permissible incentive of Rs 15,000/month/Sagar Mitra. Besides, expenditure is also incurred under GST @18% on the services rendered, EPF and ESI charges are also deducted from the monthly remuneration.
- 2.4.3 Adequate numbers of candidates with the prescribed academic qualification are not available and even graduates candidates are not coming forth at such stipulated remuneration.
- 2.4.4 The candidates selected are not willing to stay in fishermen villages due to their higher qualification, lesser remuneration, non-availability of desired accommodation etc.
- 2.4.5 States are demanding for change of essential qualification prescribed as of now under PMMSY, to modify the process so as to enable them to engage candidates from the local fishermen community itself so as to obtain better out-comes, to include provisions for payment towards GST, for agency charges and for such other statutory contribution such as EPF and ESI over and above the monthly remuneration of Sagar Mitra in case the engagement is done through outsourcing agencies.
- 2.4.6 The requests/demands received from the coastal State Governments have been considered and based on the recommendation of the Central Apex (CAC) of PMMSY and keeping in view the smooth implementation with better results/outcomes of Sagar Mitras, approval of competent authority is hereby conveyed as below:
- 2.4.6.1 To fix the minimum essential qualification of Sagar Mitra as 12<sup>th</sup> Pass in Science stream. However, preference will be given to those candidates having higher qualification.
- 2.4.6.2 Preference may be given for the persons from local costal fishermen village.
- 2.4.6.3 Preference may be given to women candidates.
- 2.4.6.4 Sagar Mitras may be engaged through local fishers Cooperative Society of the village/direct engagement/through outsourcing agency

  
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as per the local conditions. Appropriate merit-based selection method may be adopted.

- 2.4.6.5 To fix a uniform incentive/honorarium at Rs 15000/-per Sagar Mitra per month for all Sagar Mitras.
- 2.4.6.6 Engagement of Sagar Mitras will be purely on part time basis, while paying them the honorarium as fixed at para-2.4.6.5 above.
- 2.4.6.7 To develop a central app for data entry, and the data entry can be done by Sagar Mitras via smart phone. To pay an amount not exceeding Rs. 300/- per month per Sagar Mitra as mobile phone user allowance over and above the fixed honorarium.
- 2.4.6.8 To provide intensive training on quarterly basis for 2 weeks duration each for inducted candidates as Sagar Mitras.
- 2.4.6.9 National Fisheries Development Board (NFDB) to immediately prepare training calendar and training modules for Sagar Mitras and implement the same within 31<sup>st</sup> March 2023.
- 2.4.6.10 To pay agency charges as service charges at the rate of up to 1% of the per candidate fixed honorarium.
- 2.4.6.11 To pay Centre and State GST as applicable, over and above the fixed honorarium per candidate.
- 2.4.6.12 To pay towards deductions made against EPF and ESI contribution/payments over and above the fixed honorarium per candidate.
- 2.4.6.13 Sagar Mitras are only provided honorarium/fixed incentive and their engagement is co-terminus with the PMMSY Scheme and that it is also approved now to be a part time work, their engagement may not fall under the purview of regular employment. Therefore, the States/UTs while making deductions on account of EPF and ESI contribution/payments shall ascertain that these payments are absolutely necessary and obligatory for such contractual/part time engagement. Funds under PMMSY for this purpose will be released only on the basis of specific proposal and recommendations of States/UTs supported with requisite documentary evidence/proof.

  
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**3. Revision of subsidy pattern for Large Re-circulatory Aquaculture System under PMMSY**

3.1 The PMMSY envisages establishment of 550 nos. of large RAS for 5 years with an investment of Rs.275 crore. However, the envisaged target has been exhausted within the 2 years of implementation of PMMSY. However, as can be seen from the proposals received from the States, there is still a very high demand from the States/UTs for establishment of large RAS.

3.2 It is noted that RAS is one of the important components under PMMSY in form of infusion of modern technology and savings on water and land for fish production and it is therefore essential to continue to promote large RAS albeit with decreased amount of subsidy.

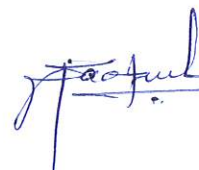
3.3 Accordingly, the approval of competent authority is hereby conveyed for revision of subsidy pattern for large RAS as follows:

3.3.1 The subsidy pattern for large RAS is decreased to 20% of the unit cost for General category and 25% of the unit cost for SC/ST/Women from existing 40% and 60% respectively, while keeping the unit cost constant at Rs 50 lakh and the specifications being 8 tanks with capacity of 90m<sup>3</sup> each with associated infrastructure.

3.3.2 However, it is further recommended that the large RAS beneficiaries, over and above the aforesaid revised subsidy of 20% or 25% under PMMSY, may also avail interest subvention under the Fisheries and Aquaculture Infrastructure Development Fund(FIDF) for the loan, if any, taken for financing the large RAS project subject to fulfillment of FIDF norms. However, the cumulative assistance both from PMMSY and FIDF shall not exceed 40% of project cost for General category and 60% of project cost for SC/ST/women as envisaged under PMMSY Scheme.

**4. Inclusion of a sub-activity "Promotion of sustainable fisheries and livelihoods through Artificial Reefs and Sea Ranching under the activity "Integrated Modern Coastal Fishing Villages" (IMCFV) of the Centrally Sponsored Scheme (CSS) Component of Pradhan Mantri Matsya Sampada Yojana (PMMSY).**

4.1 It has been noticed that the inshore coastal waters are exploited to the MSY level and the pressure on the offshore area is also increasing. The commercially exploitable fishes inhabit the continental shelves, but much of the shelf area consists of unproductive sand or mud bottom. Coral reefs and rock outcrops host productive fish sites, but are found only in limited areas along the Indian coast.

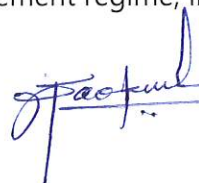
  
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- 4.2 Considering that livelihood of millions of small fishers depends on marine in-shore (coastal fisheries), it is felt necessity to improve status of fish stocks in the shore (coastal) fisheries so as to protect the livelihood of dependent fisher folk. This will not only improve the volume of catch for the small fishers but also reduce the fishing efforts in terms of time and fuel.
- 4.3 Current strategies being implemented by the Department of Fisheries, Government of India to improve coastal fisheries consists of a series of regulating measures such as fishing ban, banning of fishing by mechanised boats in in-shore areas and ban/regulation of certain types of fishing gears. However, this needs to be supplemented with positive intervention such as creation of Artificial Reefs and promoting Sea Ranching activities which will help in rebuilding of fish stocks and to promote sustainability in inshore/coastal fisheries.
- 4.4 It has been therefore decided with the approval competent authority in the Ministry of Fisheries, Animal Husbandry and Dairying to include "Promotion of sustainable fisheries and livelihoods through Artificial Reefs and Sea Ranching" as a sub-activity under the activity "Integrated Modern Coastal Fishing Villages" (IMCFV) under the Centrally Sponsored Scheme (CSS) Component of Pradhan Mantri Matsya Sampada Yojana (PMMSY). Details of the approved sub-components are brought out in the subsequent paragraphs.

**Artificial Reefs**

- 4.5 It is CAC noted that artificial reefs are man-made or natural objects placed in selected areas of the marine environment to provide or improve solid and rough bottom habitat and thereby increase the productivity and harvestability of certain fish valuable to man. They help in augmenting the productivity of marine ecosystem by increasing the available area for food, shelter and breeding activities for fishes and other marine organisms and by increasing the breeding activity and the survival of young ones.
- 4.6 Creation of artificial habitats will attract fishes and the areas in which they are installed will serve as potential fishing zone. It is a very good livelihood activity for the fishermen, since the ground in which Artificial Reefs assures good fish catch. The wastage of fuel and time for searching for fishing grounds can be avoided, thereby making the fishing voyage economical to the fishermen.
- 4.7 It is noticed that establishment of Artificial Reef habitats has been advocated by different countries all over the world for enhancing biological resources and development of coastal fisheries. Countries like USA, China, Japan etc. have successfully undertaken this activity over several years. It is pertinent to mention that countries like Japan with advanced fisheries management regime, in the past

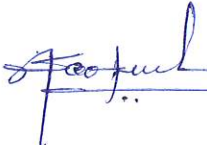
  
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have also experienced a decline in fish stocks in their coastal waters. However, during last four decades, Japan has taken remedial steps for rebuilding of fish stocks by installing artificial reefs and under taking sea ranching programmes. The efforts of Japan resulted in turnaround of its coastal fisheries. During last four decades, the Government of Tamil Nadu with the help of ICAR-CMFRI has been undertaking installation of artificial reefs in its coastal waters with positive outcomes. Tamil Nadu reported that the benefits are becoming increasingly visible and the fishermen community is welcoming the installation of more reefs in the state, as a measure of stock enhancement. Experience of Tamil Nadu government shows the installation of artificial reefs have also been helpful for the artisanal fishermen to exploit the fish stocks without spending much time and energy due to enhanced marine fishery resources.

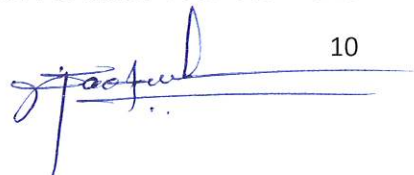
**Sea Ranching:**

- 4.8 Sea ranching or ocean ranching is the rearing of fish and shellfish under artificially controlled conditions to restock the sea. It is a concept, where fish that are commercially important and need replenishment are reared in a controlled environment and let into the sea when they are of a certain size.
- 4.9 The sea ranching technique involves brood stock development, breeding, larval rearing on large scale, nursery rearing, release of seed at suitable sites and monitoring of the released and natural stocks to assess the impact.
- 4.10 The activity "Integrated Modern Coastal Fishing Villages" has been approved under PMMSY to undertake need based activities in the coastal fishing villages for their integrated development and as such offers flexibility with regard to the nature of sub-activities that may be undertaken in each village for sustainable fishing. Under ICMVs, it is decided to take up establishment of artificial reefs and sea ranching in view of the large-scale benefit that would accrue to the coastal village communities in terms of increased fish catch for supporting their livelihoods in a sustainable manner.
- 4.11 Approval of competent authority is hereby conveyed for Inclusion of sub-activity on "Promotion of sustainable fisheries and livelihoods through Artificial Reefs and Sea Ranching" under the activity "Integrated Modern Coastal Fishing Villages" (IMCFV) under the Centrally Sponsored Scheme (CSS) Component of Pradhan Mantri Matsya Sampada Yojana (PMMSY) as details below:
  - 4.11.1 To develop about 1200 Artificial Reefs in 1200 coastal fishing villages out of the 3477 coastal fishing villages.

  
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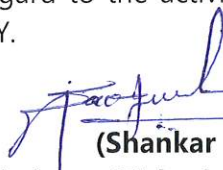
- 4.11.2 The projects sponsored by States/UTs may be approved on Self-Contained Proposals (SCP) or Detailed Project Report (DPR) mode on a case to case basis.
- 4.11.3 The State Governments and UTs will identify the potential fishing villages and locations for installation of Artificial Reefs and Sea Ranching.
- 4.11.4 The villages taken up for this sub-activity may be same as that of or different from the IMCFVs that may be proposed for selection under the main activity.
- 4.11.5 The State Government/UTs may seek assistance of fisheries institutes and other expert organisations for necessary survey, engineering investigations, selection of suitable & potential sites, design of Artificial Reefs (shape & dimensions of blocks, number and bulk volume per artificial reef etc), formulation of proposals and implementation.
- 4.11.6 The project proposal may be prepared using the prevailing State SoRs and/or in such manner as prescribed in the Operational Guidelines of PMMSY.
- 4.11.7 The Detail Project Report (DPR) and Self Contained proposal (SCP) will also include the strategy for regular maintenance, management and evaluation of Artificial Reefs by the concerned State/UT. Besides, the DPR/SCP will also include strategy for post construction/implementation to assess the impact of Artificial reef as well as sea ranching activities.
- 4.11.8 It was recommended to earmark approximately Rs 372 crore for taking up Artificial Reefs and Rs. 28 crore for Sea Ranching out of Rs. 750 crore earmarked for about 100 IMCFVs @Rs. 7.5 crore per IMCFV envisaged under the PMMSY.
- 4.11.9 It was noted that the tentative unit cost of an artificial reef of 250 reef units with 400 cubic meters bulk volume is around Rs 31 lakh inclusive of the cost of survey and impact study and administrative expenses based Tamil Nadu experiences. CAC also observed that the actual unit cost depends on site condition, project location, hydraulic parameters at the selected project location (waves, tide and current), shape, size and model of the blocks used for artificial reef, construction material, bulk volume of each artificial reef etc. CAC

  
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therefore recommended that the actual unit cost may be decided for each state/UT based on the SCPs/DPRs submitted by them while approving their project proposals.

- 4.11.10 The Sea Ranching will also be approved on SCP/DPR basis under PMMSY.
- 4.11.11 While agreeing that these two sub-activities would be implemented on DPR/SCP mode under the activity "Integrated Modern Coastal Fishing Villages" (IMCFV) of CSS-PMMSY, It has been further decided that the Department of Fisheries may suitably revise the existing Terms and Conditions of the activity "Integrated Modern Coastal Fishing Villages" (IMCFV) in order to include these two sub-activities along with their mode of implementation and issue revised consolidated SoPs/Terms and Conditions with regard to the activity IMCFV under the operational guidelines of PMMSY.

  
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