



**GOVERNMENT OF ODISHA
FISHERIES & ARD DEPARTMENT**

.....

No. 11264 / FARD, Dt. 08.09.2021
FY 2021-22 - FARD-MC-PRG-0003-2018

From

Smt. Sujata R. Karthikeyan, IAS
Commissioner-cum-Secretary,
Mission Shakti Department

Shri R. Raghu Prasad, IFS
Commissioner-cum-Secretary,
Fisheries & ARD Department

All schemes
selection
To

All Collectors

Madam/ Sir,

As you are aware, the Self-Help Groups under Mission Shakti today undertake a wide range of economic activities and generate substantial incomes, enabling financial stability and empowerment of lakhs of women in the State. Fisheries and Animal Husbandry sectors hold tremendous prospects for SHGs to take up micro enterprise activities including poultry, goat rearing, pisciculture etc. Accordingly, various tailor-made Fisheries and Animal Husbandry schemes are being rolled out by the Fisheries & Animal Resources Development (F&ARD) Department in coordination with the Mission Shakti Department, which aims to cover around 30,000 SHGs over the next 3 years.

The schemes which are being rolled out by the Fisheries & Animal Resources Development Department during the FY 2021-22 are detailed at **Annexure-I**. Number of SHGs targeted against each scheme is only minimal and notional and more number of SHGs can be linked to these schemes, basing on feasibility.

Hence, it is of utmost importance that the field functionaries of the Department of Mission Shakti identify the suitable SHGs for various schemes and sponsor their list to the district officials of the F&ARD Department, so that these projects can be grounded by March 2022. Following criteria and process may be ensured for selection of SHGs.

Allocation of block wise target

1. The Chief District Veterinary Officer (CDVO)/ District Fisheries Officer (DFO) in coordination with the PD, DRDA and DSWO will allocate the block wise targets under each Animal Husbandry / Fisheries sector schemes basing on the number of SHGs and feasibility of implementation of projects in concerned blocks.

Process for selection of SHGs

1. The Block Development Officer and CDPO along with Block Veterinary Officer (BVO)/ Assistant Fisheries Officer (AFO) shall give wide publicity and awareness among the SHGs on various schemes & its benefits. Mission Shakti field functionaries will facilitate awareness among the SHGs in coordination with the field functionaries of F&ARD Department.
2. Expressions of Interest (EoI) for engagement of SHGs under fisheries and animal husbandry schemes shall be invited by the DSWO basing on the block wise target & scheme details to be communicated by Chief District Veterinary Officer (CDVO) / District Fisheries Officer (DFO). Copy of EoI will be also be communicated to the CDVO / DFO.
3. The EoI shall be published at the offices of the DSWO, CDPOs, BDOs, AWCs and BLF for a period of 15 days. The format for Expression of Interest for SHGs is enclosed herewith as **Annexure II**.
4. Block Level Selection Committee: The Block Level Selection Committee comprising of following officials is formed to examine the received Expressions of Interests of SHGs and select the eligible SHGs following the SHG Selection Criteria. The format is annexed as **Annexure III**.
 - i. Block Development Officer (BDO) - Chairperson
 - ii. Child Development Project Officer (CDPO) - Convener
 - iii. Block Veterinary Officer (BVO)/ Assistant Fisheries Officer (AFO) - Member
 - iv. Block Project Coordinator & Block Project Manager, Mission Shakti - Members
5. Criteria for identification and selection of SHGs / SHG Federations:
 - i. SHGs for these proposed interventions include SHG Federations.
 - ii. SHG must have completed two years from the date of formation.
 - iii. SHG should belong to the same GP where they propose to take up the activity.
 - iv. SHG must have an active Bank account.
 - v. SHG must not be a bank loan defaulter.

- vi. SHG must have undertaken regular and systematic book keeping including maintenance of meeting register, cash book, updated pass book among others.
- vii. SHGs undergone training at Krishi Vigyan Kendras (KVKs) or by FARD Department on corresponding livelihood activities (Fisheries & Animal husbandry) will be given preference from among the applicant SHGs/Federations.
- viii. SHGs allotted with GP tanks and not covered so far should be given preference.

The Committee will scrutinize the EoIs based on the SHG Selection Criteria and select the empaneled list of SHGs considering the targets.

6. Block Level Inspection Teams: The Block Level Inspection Teams are formed consisting of the following members to undertake a joint verification of the proposed sites of the shortlisted SHGs for setting up of the Animal Husbandry/ Fisheries unit.

Team for Animal Husbandry Projects

- i. BVO/AVAS - Chairman
- ii. BPC & BPM, Mission Shakti - Members
- iii. Concerned Livestock Inspector - Member

Team for Fisheries sector Projects

- i. AFO - Chairman
- ii. BPC & BPM, Mission Shakti - Members
- iii. Senior Fisheries Technical Assistant/ Junior Fisheries Technical Assistant - Member

7. The Block Level Inspection Team will inspect the proposed unit sites and take geo tagged photographs (minimum 4 photos from all angles of the site) at the time of joint inspection. The team shall submit a feasibility report along with photographs to the Convener, Block Level Selection Committee. The format of the report is annexed as **Annexure IV**.
8. The Block Level Selection Committee shall examine the Field Inspection Report and select suitable SHGs as per criteria. An authenticated empaneled list of SHGs shall be prepared by the BLSC. The Convener of the Committee cum CDPO shall share the empaneled list of selected SHGs with the block & district level officials of F&ARD Department for issue of Go-ahead letter to the SHGs. The Go-ahead letter shall be issued as per the panel list. A copy should also be submitted to the DSWO, PD, DRDA & Collector of the district for information and review of progress.

9. After issue of the go-ahead letter, the SHG will construct /develop the Animal Husbandry/ Fishery unit and other infrastructure as the case may be under direct supervision and guidance of the block level fisheries / veterinary officers.
10. On completion of the construction / development of the project sites, the Block Level Inspection Team will inspect the units within 2 weeks and take a geo-tagged photograph of the completed unit. Since the construction / development of project site by the SHG will be under direct supervision of Block Level Fisheries / Veterinary officer, concerned officer shall fix up the date of visit of the team.
11. The BVO / AFO on behalf of the Block Level Inspection Team will submit the completion report of the unit enclosing the geo-tagged photograph to the CDVO / District Fisheries Officer for release of subsidy through the bank account of the SHGs. The format of the report is annexed as **Annexure V**.
12. Back ended subsidy shall be released in installments, so that the SHG need not invest the full cost upfront. F&ARD Department will communicate separately the different stages of progress of each scheme (Animal husbandry / Fisheries) and release of amount of subsidy after the corresponding stages of progress. Both the field functionaries of Mission Shakti & F&ARD Department will facilitate for on time release of subsidy.

The detailed guidelines of each scheme will be communicated separately by the Fisheries & Animal Resources Development (F&ARD) Department. It is requested that the matter regarding the selection of suitable SHGs, issue of Go-ahead letters to the SHGs, release of subsidy may be periodically reviewed with PD, DRDA, DSWO, Chief District Veterinary Officers and District Fisheries Officers.

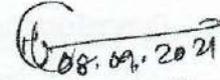
Yours faithfully,

Commissioner-cum-Secretary to Govt.,
Mission Shakti Department

Commissioner-cum-Secretary to Govt.,
Fisheries & ARD Department

Memo No. 11265 / FARD, Dated the 8th September, 2021

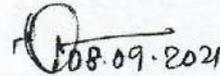
Copy along with copy of enclosures forwarded to the P.S. to Commissioner-cum-Secretary to Government, Mission Shakti Department for kind information of Commissioner-cum-Secretary.


08.09.2021

Special Secretary to Government

Memo No. 11266 / FARD, Dated the 8th September, 2021

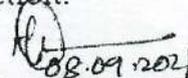
Copy along with copy of enclosures forwarded to the Director of Fisheries, Odisha, Cuttack / Director of AH&VS, Odisha, Cuttack for information and necessary action.


08.09.2021

Special Secretary to Government

Memo No. 11267 / FARD, Dated the 8th September, 2021

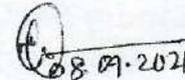
Copy along with copy of enclosures forwarded to the Project Director, DRDA of all Districts for information and necessary action.


08.09.2021

Special Secretary to Government

Memo No. 11268 / FARD, Dated the 8th September, 2021

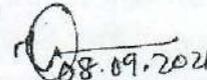
Copy along with copy of enclosures forwarded to all Chief District Veterinary Officers / Deputy Director of Fisheries / District Fisheries Officers for information and necessary action.


08.09.2021

Special Secretary to Government

Memo No. 11269 / FARD, Dated the 8th September, 2021

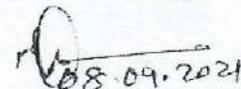
Copy along with copy of enclosures forwarded to all District Social Welfare Officers for information and necessary action.


08.09.2021

Special Secretary to Government

Memo No. 11270 / FARD, Dated the 8th September, 2021

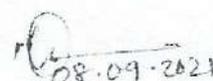
Copy along with copy of enclosures forwarded to the Additional Secretary (Veterinary Plan) / Under Secretary (Fishery Plan) of Fisheries & ARD Department for information and necessary action.


08.09.2021

Special Secretary to Government

Memo No. 11271 / FARD, Dated the 8th September, 2021

Copy along with copy of enclosures forwarded to the OSD (Veterinary Plan) / OSD (Fishery Plan) of Fisheries & ARD Department for information and necessary action.


08.09.2021

Special Secretary to Government

Annexure: I

**Schemes being rolled out for SHGs by the Fisheries & Animal Resources
Development Department during the FY 2021-22**

Fishery Sector

Sl. No	Name of the Scheme	No. of units/ area	No. of WSHGs to be covered	Subsidy Outlay (in Crore)
1	Pisciculture in GP Tanks and Private tanks by SHGs	2200ha	3000	18.36
2	Pisciculture through Bio floc technology by SHGs	300unit	300	3.6
3.	Fish and Fish Seed production in Govt Fish farms by SHGs	20Ac	20	0.12
4	Excavation and input support for new brackish water shrimp ponds in Government Land by SHGs	50Ac	50	1.20
	Total		3370	23.28

Animal Husbandry Sector

Sl No	Name of the Scheme	No. of units	No. of WSHGs to be covered	Subsidy Outlay (Rs in Crore)
1	Broiler Farming (1000 Bird Capacity) under Deep Litter System	2000	2000	28.80
2	Back yard Poultry cluster for individual SHG members	10,000	1000	3.75
3.	Goat Rearing (30+2 unit size)	2000	2000	23.00
4.	Fodder promotion in Gochar Land in convergence with MGNREGA	100 sites	100	10.00
	Total		5100	65.55

Office of the DSWO

**Model Advertisement for inviting Expression of Interest for
Animal Husbandry / Fisheries Scheme titled '.....'**

No: _____

Date: _____

Interested SHGs / SHG Federations having willingness and aptitude for the scheme titled..... are invited to submit their proposal before the concerned CDPO in the mentioned below format within 15 (fifteen) days of this advertisement i.e. by _____ to wards '.....' scheme. SHGs should be from the same GP where they propose to take up the activity.

Signature of the DSWO

Date:

Enclosure: SHG Selection Criteria

NB: The applicant SHG can get the detailed information on the scheme from the concerned BVO / AFO of the concerned block.

Format

1. Name of the SHG: _____
2. SHG Address: Village _____ Post _____
Office _____ GP _____ Block _____
_____,
District _____ ICDS Project _____

PIN _____

3. Year of Formation: _____
4. Present livelihood activities undertaking: _____
5. Name of village where the activity will be taken up: _____
6. Whether the SHG has undergone training at Krishi Vigyan Kendras (KVKs) or by FARD Department on corresponding livelihood activity (Yes / No): _____

If Yes, please mention the details:

7. Whether the SHG has been allotted with GP tanks and not covered so far (Yes / No):
8. Bank and Branch Name: _____
9. Funds available in the Savings Bank Account: _____
 - a. Regular Saving (Yes / No)
 - b. Amount of savings (in Rs.):
 - c. Whether Loan taken (Yes / No), if yes, mention the number of times loan availed
 - d. Mode of loan repayment (Regular / irregular):
 - e. Meeting Register maintained (Yes / No):
 - f. Cash Book maintained (Yes / No):
10. Contact No: _____
11. Resolution of the SHG to take up the activity is enclosed (Yes / No):

Name & Signature of the Authorised Person of the SHG
Date:

Acknowledgement

Received the Expression of Interest from _____ SHG,
Village _____, on date _____ for the scheme
titled _____

Signature of the CDPO / Authorised Signatory Date:

Annexure III

Recommendation of Block Level Selection Committee on SHGs / SHG Federations for the scheme titled ' ...

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Name of the SHG	Name of Block	Name of GP	Name of Village	Date of formation	Bank Name	Branch Name	Bank Account Number	Amount of savings in Rs.	Whether Loan taken (Yes/No)	Mode of loan repayment (Regular/Irregular)	Maintaining meeting Register (Yes/No)	Cash Book maintained (Yes/No)	Whether the SHG has undergone training at KVK or by FARD Department on corresponding livelihood activity (Yes / No)	Whether the SHG has been allotted with GP tanks and not covered so far (in case of Fisheries Project)(Yes / No)
													/ No	

Block Project Coordinator Block Project Manager

Block Veterinary Officer / Assistant Fisheries Officer

Child Development Project Officer

Block Development Officer

Feasibility Report by Block Level Inspection Team

We do hereby certify that the following WSHGs proposed site for establishment of _____ units have been visited by us and found that the land records mentioned by the WSHG in their application form found to be correct. Attached Geo- tagged photographs as per guidelines.

Sl.	Name of the WSHG	Address/ Location of the unit	Bank finance/ Self finance / other sources

LI/ VT/SAVS

SFTA / JFTA

Block Project
Coordinator
Mission Shakti

VAS/ AVAS/ BVO

AFO

Asset verification report by Block Level Inspection Team for release of Subsidy

1. Name of the WSHG with address:
2. Name of the Block:
3. Type/ Area of the Shed / Tanks:
4. Construction as per specification: Yes/ No
5. No. of birds actually being reared on date of verification:
6. No of fingerlings released:
7. Source of Procurement of chicks/ Fingerlings with date: Attach the receipt
8. Approximate age of the birds
9. Approximate size of the fingerling:
10. Approximate quantity of feed purchased : Attach the receipt
11. Eligible amount of assistance:

Certified that the above particulars were collected at the doorstep/ project site of the WSHG during verification by the team. A geo-tagged photograph of the unit along with birds/ fingerlings / feed has been taken and enclosed for reference. The back ended subsidy may be released.

Signature of members of WSHG

**Signature of the Block Level
Inspection Team**

GOVERNMENT OF ODISHA
FISHERIES & ARD DEPARTMENT

No. 10077 / FARD, Dt. 13/08/2021

7FY-0007-2021

From

Shri Biswa Mohan Ray, OAS (SS)
Special Secretary to Government

To

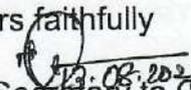
The Director of Fisheries, Odisha, Cuttack

Sub:- Guidelines for intensive shrimp and fish farming through Bio-floc technology in the State of Odisha under the State Plan Scheme 'Promotion of Intensive Aquaculture' during the year 2021-22.

Sir,

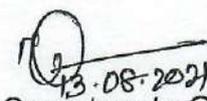
I am directed to send herewith the approved guidelines for introduction of the new State Plan Scheme '**Promotion of Intensive Aquaculture**' for information and necessary action.

Yours faithfully


Special Secretary to Government

Memo No. 10078, Dt. 13/08/2021

Copy along with copy of the approved guidelines forwarded to all the District Fisheries Officers for information and necessary action.


Special Secretary to Government



GUIDELINES FOR INTENSIVE SHRIMP AND FISH FARMING THROUGH BIO-FLOC TECHNOLOGY IN THE STATE OF ODISHA DURING THE YEAR 2021-22

1. Bio-floc technology for intensive shrimp and fish farming

Bio-floc based farming aims to promote sustainable intensification of the freshwater fish and brackish water shrimp farming for boosting productivity and generating high income in a limited area.

Bio-flocs are micro-balls of unused feed and excreta of fish/shrimp along with bacteria and other microbes in water as a suspension in the tank, with continuous churning of the water by aeration. Useful microbes (Bacteria) which is called as probiotic is added to tank water so that these microbes settle on Bio-floc surface and start digesting the nitrogenous waste from the organic particles in the presence of carbon source and oxygen.

Bio-floc plays an important role in recycling the nutrients and maintaining the water quality in the culture tanks. The consumption of bio-floc by shrimp and fish has demonstrated numerous benefits such as improvements in growth rate and feed conversion efficiency (FCR) thus reducing the cost of production and increasing the profit margins to the farmers. Growth enhancement has been attributed to both bacterial and algal nutritional components, which up to 30% conventional feeding ration can be lowered due to bio-floc consumption by shrimp. Further, the consumption of bio-flocs can increase the nitrogen retention from added feed by 7-13%. In this context, bio-floc technology has driven opportunities to use alternative diets.

1.1 Benefits of bio-floc technology

- It is an eco-friendly system, which reduces negative environmental impact due to organic waste recycling.
- It improves water and land use efficiency.
- It can be taken up in urban and peri-urban areas.
- It is a limited or zero water exchange system. Therefore, it prevents water pollution and risk of spreading pathogens outside the system.
- It supports higher fish/shrimp productivity with reduced feed utilisation thus increasing the profit margin to farmers.

1.2 Objectives of the Scheme

- To promote high-yielding intensive fish farming in small area using Bio-floc technology.

- To encourage farmers, entrepreneurs and unemployed youth in to income generation through small-scale bio-floc farming system.

1.3 Steps to set-up bio-floc fish/shrimp farming system

- Identification of suitable site and setting up of tanks
- Development of inoculum (Pond soil – 20 g/L, Ammonium sulphate- 10 mg/L, Carbon source -200 mg/L). Development may take 20-30 days to attain 20-25 mg/L imhoff reading.
- Stocking of fish/ fry/ fingerling /prawn
- Feeding and management
- Periodical addition of Carbon supplements (maintained at C:N ratio of 15:1)
- Periodical removal of bottom sludge and refill
- Harvesting of crop

2. Implementation guidelines

2.1 Eligibility and Selection of Beneficiaries

Farmers interested to take up grow-out tanks, nursery and seed tanks; fish and shrimp hatchery operators; private entrepreneurs; unemployed youth are eligible to avail the assistance under this scheme. Priority will be given to unemployed educated youth since biofloc farming involves advanced technology, and the beneficiary has to undergo specialized training on biofloc systems, before operation of the unit.

- The eligible brackish water shrimp farms / nursery and seed tanks / hatchery beneficiaries must have concerned license from Coastal Aquaculture Authority.
- The support will be in the form of back-ended assistance for installation of bio-floc system inside a shed with PVC/brick masonry tanks, water supply, drain and aeration units.
- The assistance under the special package will be available to the above categories of beneficiaries with a minimum of 2 tanks and a maximum of 6 tanks.
- If, a beneficiary has availed subsidy earlier for installation of Biofloc unit under different schemes of Govt. of India and State Govt., for less than 6 nos of tanks, He/ She shall also be eligible to avail further subsidy under this scheme. However, in such cases, the subsidy shall be limited to a maximum of 6 tanks which will include the installation of tanks earlier.

2.2 Modalities of Implementation

- i. The scheme shall be advertised through the Departmental website, newspapers and wall posters in the District and Block Fisheries Offices across the state. Director of Fisheries shall undertake wide publicity of scheme.

- ii. Farmers interested to take up grow-out tanks, nursery and seed tanks; fish and shrimp hatchery operators; private entrepreneurs; unemployed youths shall apply **online** or in the prescribed format as specified in **Annexure-I**.
- iii. The filled in application forms should be submitted online or to the respective District Fisheries Officers through hard copy or through email. The application can also be submitted online to Directorate of Fisheries through e-mail: director.odifish.inland@gmail.com.
- iv. Identification of beneficiaries shall be made with AADHAR linking at the time of submission of application. The DFO must ensure the AADHAR no. of the beneficiaries and the land record to prevent multiple benefits.
- v. The application received by the Directorate of Fisheries, Cuttack through e-mail will be forwarded to the respective DFOs for necessary action.
- vi. The DFOs on receipt of the applications will forward it to the concerned AFOs for necessary site inspection.
- vii. The initial geo-tagged photographs of the site/ fish farm along with the beneficiary and field verification report shall be prepared by the AFO and submitted to the DFO as per format enclosed at **Annexure - II**. The AFO should ensure that the project proposed by the beneficiary is completely new.
- viii. Each beneficiary will select two persons including him/her for undergoing training on Bio-floc technology and the list (trainee) shall be submitted to the DFO.
- ix. List of such trainees shall be submitted to Directorate of Fisheries by the DFO concerned before issue of **Go Ahead** to the beneficiary.
- x. Directorate of Fisheries will organize the training on biofloc technology for the beneficiaries nominated by the DFOs at the Zonal Level (Cost of the training shall be met out of the IEC component of the budget provision).
- xi. The DFO shall issue a Go Ahead letter to the selected beneficiaries to take up the bio-floc farm unit installation based on the feasibility report of the AFO.
- xii. Beneficiaries shall install the bio-floc farm unit and complete the stocking of fish / shrimp seed. The beneficiary will be eligible for back ended subsidy only after stocking of fish / shrimp seed in the newly installed Biofloc tank.
- xiii. Upon completion of the unit the beneficiary will intimate the concerned AFO.
- xiv. A District Level Inspection Team (DLIT) comprising of the following members shall undertake joint field inspection of the site and keep record.
 - District Fisheries Officer-
 - Assistant Fisheries Officer/SFTA/JFTA I/C of the block-
 - Panchayat Extension Officer
- xv. The beneficiaries shall submit the GST bills / receipts towards installation of bio-floc unit.



- xvi. Only items mentioned in the unit cost (i.e tarpaulin/PVC tanks, blower, water pump, genset and shed) are eligible under subsidy upon submission of actual GST bills for those items.
- xvii. Geo-tagged post- installation photographs of the bio-floc units along with the beneficiary will be taken by the District Level Inspection Team (DLIT) upon completion of the installation and stocking.
- xviii. The DFO shall release the subsidy to the beneficiaries through DBT only on the eligible items in the Bio floc units after proper verification of the GST bills / receipts.
- xix. The respective DFO shall maintain all relevant records, inspection reports and geo-tagged photographs (in 2 stages, i.e; Pre and Post installation) of each beneficiary assisted under this scheme.
- xx. A complete digitalised database shall be developed and uploaded on the website of the Directorate of Fisheries so that all information relating to support provided under the scheme can be easily assessed.
- xxi. The DFO shall submit a monthly progress report through the online Decision Support System (DSS) on the implementation of the scheme to the Director of Fisheries, Directorate of Fisheries, Odisha, Cuttack in the format enclosed at **Annexure-III**.
- xxii. Selection of beneficiary shall be made in a transparent manner by the District Fisheries Officer.
- xxiii. Subsidy of 40% for general category and 60% for SC, ST and women beneficiaries for the scheme shall be followed.
- xxiv. Subsidy amount shall be released to Adhar linked bank account of beneficiary in two phases. 40% of subsidy shall be released after installation of biofloc unit. Rest 60% back ended subsidy shall be released after completion of the project and joint report by the concerned District Fisheries Officer.
- xxv. No additional manpower or consultant shall be engaged for implementation of scheme.
- xxvi. District Fisheries Officer should co-ordinate with Lead District Managers of concerned district for bank loan to beneficiaries, as beneficiaries have to invest 60% of project cost.
- xxvii. All projects under scheme must be geotagged and the list of beneficiary is to be uploaded in the website of Directorate for maintaining transparency.
- xxviii. While selecting beneficiaries, preference should be given to Women SHGs, migrant workers and unemployed youth for this scheme.
- xxix. District Fisheries Officer must ensure that the beneficiaries directly purchase the items for installation of biofloc farm unit from genuine Firms with GSTIN number. Only GST bills of beneficiaries shall be accepted by the District Fisheries Officer for release of subsidy.



- xxx. The expenditure towards training and other capacity building activities shall be met from IEC budget released to Directorate of Fisheries.
- xxxi. Since Biofloc technology is new and advanced Technology, Director of Fisheries shall form an expert team from OUAT and ICAR- Central Institute for Fresh water Aquaculture (CIFA) at Kausalyaganga, Bhubaneswar to monitor progress of the scheme and to provide technical advice to beneficiaries, if required.

2.3 Implementing Agency and Area of Operation

Scheme shall be implemented all over the State in fresh water sector by the Directorate of Fisheries, through the District Fisheries Officers and the field functionaries under the supervision of Zonal deputy Director of Fisheries. This shall also be supervised and cross checked by other higher officers of Directorate of Fisheries, Cuttack.

3 Project Management, Monitoring and Supervision

3.1 A State Level Monitoring Committee will be constituted at Directorate of Fisheries, Odisha under the Chairmanship of the Director of Fisheries, Odisha. The committee members are:

- Director of Fisheries (Chairman)
- Additional Director (Technical)
- Joint Director (Inland)
- Joint Director (Planning and Training)
- Deputy Director(Inland & Brackishwater)

- 3.2 The Monitoring Committee will meet once in a month to monitor and review the progress of scheme implementation.
- 3.3 The Committee shall review the progress of work made by the DFOs and suggest necessary guidance and advice.

4 Source of Fund:

The guidelines shall be implemented through the State Plan Scheme 'Promotion of Intensive Aquaculture' (Introduction of Bio-floc and Polylining technology in Fisheries) under Promotion of Intensive Aquaculture under Inland Fisheries Development as per the budgetary provision.

5 Timeline for Project Implementation

Sl. No.	Activity	Time line	Responsible officer
1	Submission of the application through email/online		Beneficiary
2	Initial scrutinizing of applications and geotagging/ field feasibility report by the AFO	Within 15 days of receipt of application	AFO

3	District Fisheries Officer shall issue Go Ahead ,project report , in case of bank finance to the concerned bank or to the beneficiary in case of self finance	Within 15 days of receipt of field verification report	DFO
4	Joint field inspection of installed biofloc farm unit by District Level Inspection team(DLIT)	Within 15 days of receipt of intimation from the beneficiary regarding completion of the unit	DFO
5	Release of subsidy by DFOs to the beneficiaries through DBT	Within 15 days of completion of Joint inspection	DFO

6 Unit Cost and Pattern of Assistance

Type-1

Table-1

Bio-floc tank of 30 cubic meter capacity					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per unit @ 40% of total cost (Rs.)	Subsidy per unit @ 60% of total cost (Rs.)
1	Biofloc tank: PVC/Tarpaulin/ polyliner with frames, solid base, drain pipe and fish net covering (4 m dia x 1.3 m depth tank = 15000 L capacity) for two tanks	2	40,000	16,000	24,000
2	Green house shed with entry door including installation costs (GI Frames covered with shade net) Floor area: 50m ² (10 m length x 5 m width) Height: 3 m specification and drawing in Annexure-I	1	60,000	24,000	36,000
3	Electric water pump (0.5 HP)	1	4,000	1,600	2,400
4	Ring Blower / High pressure air pump (100-120 W, single phase AC) alternatively one blower will run 24x7	2	20,000	8,000	12,000
5	Electronic weighing balance	1	1,000	400	600
6	UPS unit with Inverter (1100 VA) and battery (150 Ah) or Portable Genset (1 Kilo Watt)	1	25,000	10,000	15,000
GRAND TOTAL			1,50,000	60,000	90,000

- Financial assistance is @ 40% of the unit cost for General Category and @ 60% of the Unit Cost for SC/ST/ women category

- The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the Table – 1 and Annexure- I.
- Under this model, if the beneficiary desires he/ she may construct one tank with minimum 30 cubic meter tank capacity.
- Items from Sl.No-3 to 6 are optional.

Type-2

Table-2

Bio-floc tank of 60 cubic meter capacity

Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per unit @ 40% of total cost (Rs.)	Subsidy per unit @ 60% of total cost (Rs.)
1	Biofloc tank:PVC/Tarpaulin/ polyliner tanks with frames, solid base, drain pipe and fish net covering (4 m dia X 1.3 m depth tank = 15000 L capacity) for 4 tanks	4	80,000	32,000	48,000
2	Green house shed with entry door including installation costs (GI Frames covered with shade net) Floor area: 100m ² (10 m length x 10 m width) Height: 3 m specification and drawing in Annexure-I	1	1,11,000	44,400	66,600
3	Electric water pump (0.5 HP)	2	8,000	3,200	4,800
4	2 units of 2HP root blower(or 4 units of ring blower alternatively one blower will be running for 24x7)	2	60,000	24,000	3,6000
5	Electronic weighing balance	1	1,000	400	600
6	Portable Genset (2.5 Kilo Watt)	1	40,000	16,000	24,000
	GRAND TOTAL		3,00,000	1,20,000	1,80,000

- Financial assistance is @ 40% of the unit cost for General Category and @ 60% of the Unit Cost for SC/ST/ women category
- The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-2 and Annexure- I.
- Under this model, if the beneficiary desires he/ she may construct two tanks or one tank with minimum 60 cubic meter tank capacity.
- Items from Sl.No-3 to 6 are optional.

Type-3**Table-3****Bio-floc tank of 90 cubic meter capacity**

Sl. No.	Items	Units	Unit Cost (Rs.)	Maximum subsidy per unit @ 40% of total cost (Rs.)	Maximum subsidy per unit @ 60% of total cost (Rs.)
1	Biofloc tanks: PVC/Tarpaulin/ polyliner tanks with frames, solid base, drain pipe and fish net covering (4 m dia X 1.3 m depth tank = 15000 L capacity) for 6 tanks	6	1,20,000	48,000	72000
2	Green house shed with entry door including installation costs (GI Frames covered with shade net) Floor area: 150m ² (15 m length x 10 m width) Height: 3 m specification and drawing in Annexure-I	1	1,71,000	68,400	102600
3	Electric water pump (1 HP)	1	8,000	3,200	4800
4	2 units of 2HP root blower(or 4 units of ring blower alternatively one blower will be running for 24x7)	2	60,000	24,000	36000
5	Electronic weighing balance	1	1,000	400	600
6	Portable Genset (2.5 Kilo Watt)	1	40,000	16,000	24000
	GRAND TOTAL		4,00,000	1,60,000	240000

- Financial assistance is @ 40% of the unit cost for General Category and @ 60% of the Unit Cost for SC/ST/ women category
- The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-3 and Annexure- I.
- Under this model, if the beneficiary desires he/ she may construct three tank or two tanks or one tank with minimum 90 cubic meter tank capacity.
- Items from Sl.No-3 to 6 are optional.

Unit Cost and Pattern of Assistance (Brick masonry)**Type-1****Table-4**

Bio-floc tank of 30 cubic meter capacity					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per unit @ 40% of total cost (Rs.)	Subsidy per unit @ 60% of total cost (Rs.)
1	Biofloc tank: brick masonry tanks with frames, solid base, drain pipe and fish net covering (4 m dia X 1.3 m depth tank = 15000 L capacity) for two tanks or one tank with 30 Cubic meter capacity	2	90,000	36,000	54,000
2	Green house shed with entry door including installation costs (GI Frames covered with shade net) Floor area: 50m ² (10 m length x 5 m width) Height: 3 m specification and drawing in Annexure-I	1	60,000	24,000	36,000
3	Electric water pump (0.5 HP)	1	4,000	1,600	2,400
4	Ring Blower / High pressure air pump (100-120 W, single phase AC) alternatively one blower will run 24x7	2	20,000	8,000	12,000
5	Electronic weighing balance	1	1,000	400	600
6	UPS unit with Inverter (1100 VA) and battery (150 Ah) or Portable Genset (1 Kilo Watt)	1	25,000	10,000	15,000
	GRAND TOTAL		2,00,000	80,000	1,20,000

- Financial assistance is @ 40% of the unit cost for General Category and @ 60% of the Unit Cost for SC/ST/ women category
- The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-4 and Annexure- I. However, the beneficiary shall make the bio-floc tanks of higher dimension, higher specification with concrete/ RCC structure etc. However, the financial assistance will be limited as shown in the table above.
- Under this model, if the beneficiary desires he/ she may construct one tank with minimum 30 cubic meter tank capacity.
- Items from Sl.No-3 to 6 are optional.

Type-2**Table-5**

Type-2 Bio-floc tank of 60 cubic meter capacity					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per unit @ 40% of total cost (Rs.)	Subsidy per unit @ 60% of total cost (Rs.)
1	Biofloc tank:Brick masonry tanks with frames, solid base, drain pipe and fish net covering (4 m dia X 1.3 m depth tank = 15000 L capacity) for 4 tanks or two tanks with 60 cum capacity or one tank with 60 cum capacity	4	1,80,000	72,000	108000
2	Green house shed with entry door including installation costs (GI Frames covered with shade net) Floor area: 100m ² (10 m length x 10 m width) Height: 3 m specification and drawing in Annexure-I	1	1,11,000	44,400	66600
3	Electric water pump (0.5 HP)	2	8,000	3,200	4800
4	2 units of 2HP root blower(or 4 units of ring blower alternatively one blower will be running for 24x7)	2	60,000	24,000	36000
5	Electronic weighing balance	1	1,000	400	600
6	Portable Genset (2.5 Kilo Watt)	1	40,000	16,000	24000
	GRAND TOTAL		4,00,000	1,60,000	240000

- Financial assistance is @ 40% of the unit cost for General Category and @ 60% of the Unit Cost for SC/ST/ women category'
- The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-5 and Annexure-I. However, the beneficiary shall make the bio-floc tanks of higher dimension, higher specification with concrete/ RCC structure etc. However, the financial assistance will be limited as shown in the table above.
- Under this model, if the beneficiary desires he/ she may construct two tanks or one tank with minimum 60 cubic meter tank capacity.
- Items from Sl.No-3 to 6 are optional.
- Financial assistance is @ 40% of the unit cost for General Category and @ 60% of the Unit Cost for SC/ST/ women category.

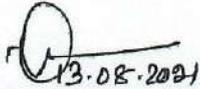
- The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-6 and Annexure- I. However, the beneficiary shall make the bio-floc tanks of higher dimension, higher specification with concrete/ RCC structure etc. However, the financial assistance will be limited as shown in the table above.
- Under this model, if the beneficiary desires he/ she may construct one tank with minimum 30 cubic meter tank capacity.
- Items from Sl.No-3 to 6 are optional.

7. Proposed units to be taken up

Sl. No.	Type	No of units/ tanks	Subsidy requirement (Rs. in Lakhs) for 2021-22
1.	Type-(1) - 2 tanks as 1 unit	5000	2750.00
2.	Type-(2) - 4 tanks as 1 unit		
3	Type- (3) - 6 tanks as 1 unit		
	Grand Total	5000	2750.00

8. Tentative Requirement of Funds

Sl. No	Purpose	Tanks	Subsidy amount @ 50% Avg (Rs. In Lakhs)	Amount (Rs. In Lakhs) required for 2021-22
1.	Financial Assistance to Beneficiaries for taking up bio-floc fish/shrimp farming in 1000 units avg @ 50% of the unit cost	5000 Units	0.50	2750.00
	Grand Total	5000 Units		2750.00


 13.08.2021
**Special Secretary to Govt.,
F & ARD Department**

Application Form

Annexure-I

- 1) Name of the Applicant:
- 2) Name of the Farm / Hatchery:
- 3) Address

Passport Size
Photo
(Self Attested)

- a. Village:
- b. G.P.:
- c. Block:
- d. District:
- 4) CAA License No. brackish water farm / shrimp hatchery:
- 5) Mobile number
- 6) Category (Gen/SC/ST/OBC).....
- 7) Male/Female:
- 8) Age:.....
- 9) Whether supported under any Govt. Schemes during last 2 years? If yes, which scheme?
- 10) Identification proof (Aadhaar card)

(Enclose a Photocopy of the Aadhaar Card)

- 11) Number of Bio-floc farm units to be installed:

12) Banking Details

- a. Name of the Account:
- b. Account no.:
- c. IFSC No.:
- d. Name of the Bank:
- e. Branch name:

(Enclose a Photograph of the first page of the bank pass book)

13) Self declaration:

I do hereby declare that the above facts are true to the best of my knowledge and belief. I am interested to avail the financial assistance under the scheme 'Promotion of Intensive Aquaculture'. I do hereby undertake to utilise the Govt. assistance for intensive fish farming using Bio-floc technology.

Recommending Officer (AFO)

Signature of the applicant

Annexure-III

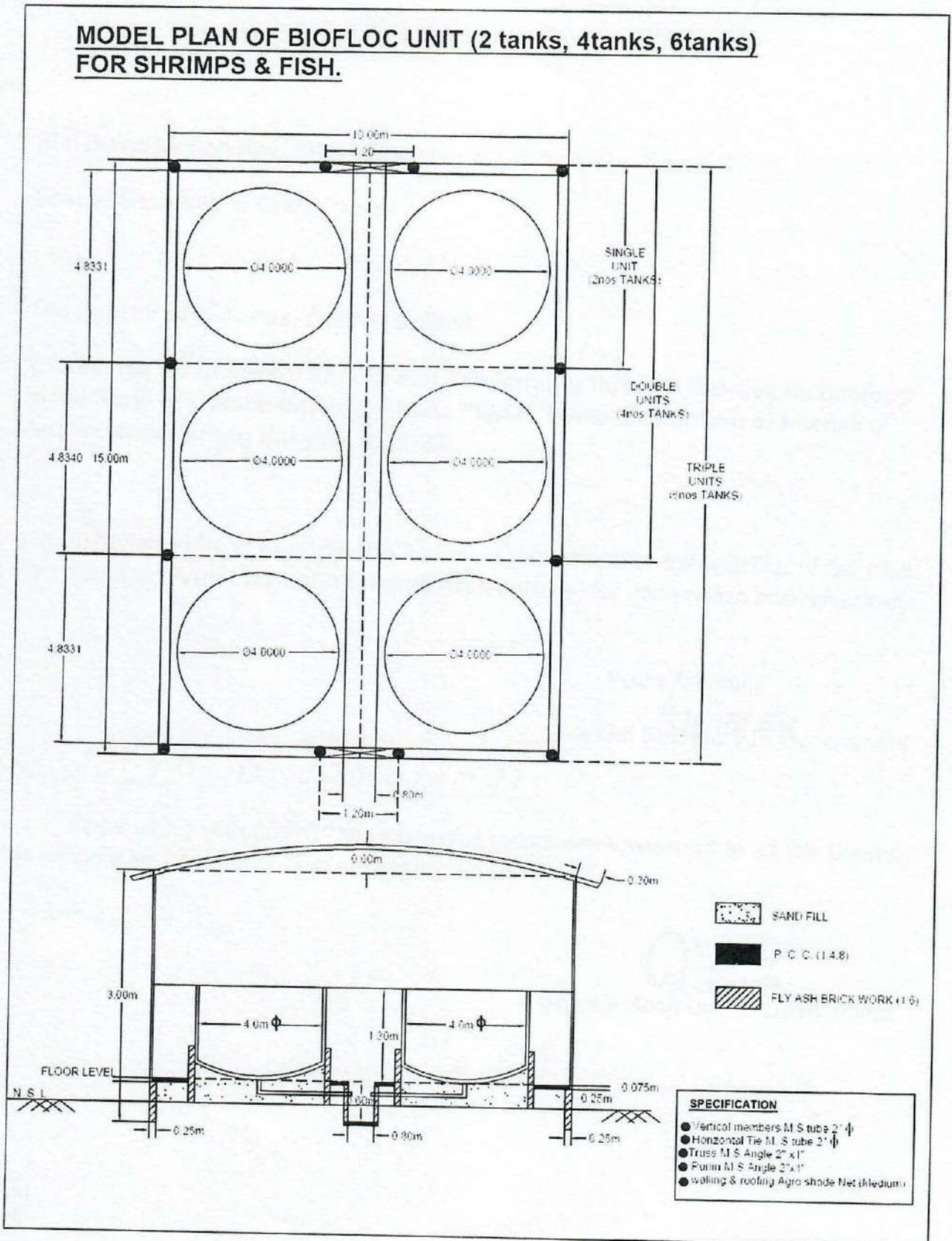
Monthly District-Level Progress Report Format

District:

Date:

Sl. No.	No. of Applications received	No. of Bio-floc Units to be installed	No. of applications verified by DLIT	No. of application approved by SLSC	Subsidy entitlement to beneficiaries (Rs.)	No. of beneficiaries completed the installation of Bio-floc units and verified by the DLIT	No. of beneficiaries who received assistance	Amount of assistance disbursed to beneficiaries (Rs.)

**MODEL PLAN OF BIOFLOC UNIT (2 tanks, 4 tanks, 6 tanks)
FOR SHRIMPS & FISH.**





GOVERNMENT OF ODISHA
FISHERIES & ARD DEPARTMENT

No. 9075 / FARD, Dt 30.7.21
ZFY-0011-2021

From

Shri Biswa Mohan Ray, OAS (SS)
Special Secretary to Government

To

The Director of Fisheries, Odisha, Cuttack

Sub:- Guidelines for excavation of new tanks under the state plan scheme 'Development of Brackish Water Fisheries' under Implementation of Fisheries Policy.

Sir,

I am directed to send herewith the approved guidelines for introduction of the new State Plan Scheme 'Development of Brackish Water Fisheries' under implementation of Fisheries Policy for information and necessary action.

Yours faithfully

30.07.2021

Memo No. 9076, Dt. 30.7.21 Special Secretary to Government

Copy along with copy of the approved guidelines forwarded to the Collector & DM, Balasore, Bhadrak, Ganjam, Jagatsinghpur, Kendrapara, Khordha, Puri for information and necessary action.

30.07.2021

Memo No. 9077, Dt. 30.7.21 Special Secretary to Government

Copy along with copy of the approved guidelines forwarded to the Chief District Veterinary Officer, Balasore, Bhadrak, Ganjam, Jagatsinghpur, Kendrapara, Khordha, Puri for information and necessary action.

30.07.2021

Memo No. 9078, Dt. 30.7.21 Special Secretary to Government

Copy along with copy of the approved guidelines forwarded to the Chief District Agriculture Officer, Balasore, Bhadrak, Ganjam, Jagatsinghpur, Kendrapara, Khordha, Puri for information and necessary action.

30.07.2021

Memo No. 9079, Dt. 30.7.21 Special Secretary to Government

Copy along with copy of the approved guidelines forwarded to Zonal Deputy Directors of Fisheries, Balasore, Balasore, Ganjam, Cuttack and Puri Zone/ District Fisheries Officers, Balasore, Bhadrak, Ganjam, Jagatsinghpur, Kendrapara, Khordha, Puri/ Addl. Fisheries Officers (Marine) for information and necessary action.

30.07.2021

Special Secretary to Government

**GUIDELINES FOR EXCAVATION OF NEW TANKS UNDER THE
STATE PLAN SCHEME 'DEVELOPMENT OF BRACKISH WATER
FISHERIES' UNDER IMPLEMENTATION OF FISHERIES POLICY**

1. BACKGROUND

Odisha has vast potential for enhancement of production under brackish water aquaculture. Presently, around 17,700 Ha is under Brackish water aquaculture with an annual production of approximately 97125 MT. The brackish water aquaculture is carried out within 2km from the High Tide Line (HTL) and is regulated under Coastal Aquaculture Authority Act (CAA)-2005 and Rules framed thereunder. The GIS based Coastal Aquaculture Information System (COAST) has been developed in the State of Odisha from which it is observed that approximately 2.93 lakh Ha of private land is available within the brackish water zone suitable for aquaculture. The state plan scheme 'Development of Brackish water Fisheries' under Implementation of Fisheries Policy is implemented in the State of Odisha to promote farmers and entrepreneurs for taking up Brackish water aquaculture by excavation of new tanks/ ponds.

2. OBJECTIVES

- To enhance brackish water shrimp and fish production in the state.
- To enhance the livelihoods and income of coastal communities through propagation of Brackish Water Aquaculture.
- To increase the shrimp exports from the state.

3. IMPLEMENTATION TARGET & AREA OF OPERATION:

The scheme shall be implemented in the coastal districts of Odisha as per the provisions of the Coastal Aquaculture Authority Act 2005. The district-wise annual target shall be communicated by the Director of Fisheries at the beginning of the financial year. The target is interchangeable depending on the progress made by the District Level Officers.

4. ELIGIBILITY CRITERIA FOR BENEFICIARY

The following are the eligibility criteria of the beneficiary

- (i) Must be permanent resident of Odisha and must possess identity and residential proof including Aadhar card.
- (ii) Must have a bank account in his/her name in the State of Odisha.
- (iii) Preference will be given for selection of beneficiaries in cluster mode.
- (iv) Must have requisite land free from all encumbrances. The documentary evidence in support of the suitable land needs to be provided by the beneficiary. (Copy of the RoR/ Copy of the lease agreement in case of lease land for a minimum period of seven years of lease needs to be submitted)
- (v) Subsidy shall not be repeated to an individual or family. The beneficiaries who have already availed subsidy for excavation of ponds in their land/ leased land for pisciculture development under any scheme of Govt. of India or State Govt. shall not be eligible to avail subsidy under this scheme.
- (vi) The beneficiary who has not availed assistance under this scheme shall be eligible for subsidy maximum up to 2.00 Ha water spread area.



5. UNIT COST AND SUBSIDY ASSISTANCE

The following tank model/ models shall be executed by the beneficiary

Model	Specification of tank /pond	Unit Cost (Rs.)			Subsidy Assistance (Rs.)	
		Excavation Cost	Provision of 5 H.P pump /Aerator /Bio-Security Net or inclusive of all	Total Unit Cost	General (40%)	SC/ST/ Women (60%)
A	Capital cost					
1	New tank of excavated area of 0.20 Ha. having 5 ft. depth	1,20,000	20,000	1,40,000	56,000	84,000
2	New tank of excavated area of 0.30 Ha. having 5 ft. depth	1,80,000	30,000	2,10,000	84,000	1,26,000
3	New tank of excavated area of 0.40 Ha. having 5 ft. depth	2,40,000	40,000	2,80,000	1,12,000	1,68,000
4	New tank of excavated area of 0.50 Ha. having 5 ft. depth	3,00,000	50,000	3,50,000	1,40,000	2,10,000
5	New tank of excavated area of 0.60 Ha. having 5 ft. depth	3,60,000	60,000	4,20,000	1,68,000	2,52,000
6	New tank of excavated area of 0.70 Ha. having 5 ft. depth	4,20,000	70,000	4,90,000	1,96,000	2,94,000
7	New tank of excavated area of 0.80 Ha. having 5 ft. depth	4,80,000	80,000	5,60,000	2,24,000	3,36,000
8	New tank of excavated area of 0.90 Ha. having 5 ft. depth	5,40,000	90,000	6,30,000	2,52,000	3,78,000
9	New tank of excavated area of 1.00 Ha. having 5 ft. depth	6,00,000	1,00,000	7,00,000	2,80,000	4,20,000
Model	Specification of tank /pond	Unit Cost (Rs.)			Subsidy Assistance (Rs.)	
B	Input cost	Quantity /Ha.	Rate (Rs.)	Amount (Rs.)	General (40%)	SC/ST/ Women (60%)
1	Input cost for one crop for 0.20 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	0.40 lakhs	Rs. 0.40/lakh	16,000		
	Feed	400kg	Rs.80/kg	32,000		
	Lime , Fertiliser & Probiotics		Lump sum	4,000		
	Diesel	100 lt	Rs.80.00/-	8,000		
	Total			60,000	24,000	36,000
2	Input cost for one crop cycle for 0.30 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	0.60 lakhs	Rs. 0.40/lakh	24,000		
	Feed	600 kg	Rs.80/kg	48,000		
	Lime , Fertiliser & Probiotics		Lump sum	6,000		
	Diesel	150 lt	Rs.80.00/-	12,000		
	Total			90,000	36,000	54,000

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3	Input cost for one crop for 0.40 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	0.80 lakhs	Rs. 0.40/lakh	32,000		
	Feed	800 kg	Rs.80/kg	64,000		
	Lime , Fertiliser & Probiotics		Lump sum	8,000		
	Diesel	200 lt	Rs.80.00/-	16,000		
Total				1,20,000	48,000	72,000
4	Input cost for one crop for 0.50 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	1.0 lakhs	Rs. 0.40/lakh	40,000		
	Feed	1000 kg	Rs.80/kg	80,000		
	Lime , Fertiliser & Probiotics		Lump sum	10,000		
	Diesel	250 lt	Rs.80.00/-	20,000		
Total				1,50,000	60,000	90,000
5	Input cost for one crop cycle for 0.60 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	1.20 lakhs	Rs. 0.40/lakh	48,000		
	Feed	1200 kg	Rs.80/kg	96,000		
	Lime , Fertiliser & Probiotics		Lump sum	12,000		
	Diesel	300 lt	Rs.80.00/-	24,000		
Total				1,80,000	72,000	1,08,000
6	Input cost for one crop for 0.70 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	1.40 lakhs	Rs. 0.40/lakh	56,000		
	Feed	1400 kg	Rs.80/kg	1,12,200		
	Lime , Fertiliser & Probiotics		Lump sum	14,000		
	Diesel	350 lt	Rs.80.00/-	28,000		
Total				1,54,000	61,600	92,400
7	Input cost for one crop cycle for 0.80 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	1.60 lakhs	Rs. 0.40/lakh	64,000		
	Feed	1600 kg	Rs.80/kg	1,28,000		
	Lime , Fertiliser & Probiotics		Lump sum	16,000		
	Diesel	400 lt	Rs.80.00/-	32,000		
Total				2,40,000	96,000	1,44,000
8	Input cost for one crop cycle for 0.90 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	1.80 lakhs	Rs. 0.40/lakh	72,000		
	Feed	1800 kg	Rs.80/kg	1,44,000		
	Lime , Fertiliser & Probiotics		Lump sum	18,000		
	Diesel	450 lt	Rs.80.00/-	36,000		
Total				2,70,000	1,08,000	1,62,000

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9	Input cost for one crop for 1.00 Ha. water area					
	Seed (Shrimp Post Larvae) @ 20 pieces per cubic meter	2.00 lakhs	Rs.0.40/la kh	80,000		
	Feed	2000kg	Rs.80/kg	1,60,000		
	Lime, fertiliser & Probiotics		Lump sum	20,000		
	Diesel	500 lt	Rs.80.00/-	40,000		
	Total			3,00,000	1,20,000	1,80,000
Grand Total for 1.00 Ha.(A+B)				10,00,000	4,00,000	6,00,000

- Subsidy shall be calculated and released to the beneficiary based on the actual cost incurred, subject to maximum subsidy as specified under the scheme.
- 40% subsidy on the actual cost of implementation shall be provided to General Category and 60% to SC/ ST/ Woman Categories of beneficiaries.
- The subsidy shall be released in two installments to the bank account of the beneficiary through DBT, by the DFO. 50% of the eligible subsidy shall be released to the beneficiary under this scheme after completion of the tank excavation and civil work. The remaining 50% of the subsidy shall be released after stocking of Shrimp Post Larvae or Fish Fingerling.
- The detailed specification for excavation of the tanks and other technical components shall be communicated by the Director of Fisheries.

6. IMPLEMENTATION PROCEDURE AND RELEASE OF SUBSIDY:

- The scheme shall be advertised through the Department and Directorate website, newspapers including wall paintings/posters, awareness creation and IEC activities by the District Fisheries Officers, Assistant Fisheries Officers and all field functionaries.
- The selection of beneficiaries shall be made by the District Fisheries Officer.
- The interested beneficiaries will apply to the concerned DFO through AFO in the prescribed application format (**Annexure-I**) with a self-contained proposal (SCP) with justification & techno-economical details etc. including details of the species to be cultured, capital cost and recurring cost involved.
- The self-contained proposal should also contain details of anticipated direct & indirect employment generation for local population, enhancement of fish production, specific timelines for implementation of project, recurring cost involved, consent of Bank to provide loan to meet the beneficiary share in case of bank loan or self-declaration for investment of own funds.
- The self-contained proposal also needs to include documentary evidence on availability of requisite land (either own/registered lease document) free from encroachments and encumbrances and necessary clearance/permission from Coastal Aquaculture Authority (CAA) if the proposed area is within the jurisdiction of CAA. In case of leased land, the lease period should not be less than 7 (seven) years from the date of submission of self-contained proposal (SCP). Self-attested copy of the registered lease document needs to be enclosed in the SCP.
- Identification of beneficiaries shall be made with AADHAR linking at the time of submission of application. The DFO must ensure the AADHAR No. of the beneficiary and the land record to check multiple benefits.
- Interested person shall apply to AFO of the concerned block through online / offline.
- On receipt of application form, the AFO of the block shall visit the site, take the GPS coordinates of the site and to verify the same in the mobile app/webportal developed by ORSAC 'Coastal Aquaculture Information System (COAST)' to ascertain the availability of the proposed land within the permissible Coastal Area.



- ix. Thereafter, the proposed land needs to be registered under CAA following due procedures.
- x. Subsequently, AFO has to submit the original application, photocopy of the land documents, survey report on feasibility, initial geo-tagged photograph and other documents to the DFO within 15 days.
- xi. On receipt of application along with documents from the AFO, the DFO shall convene the District Level Screening Committee (DLSC) meeting under the chairmanship of Collector for approval of the list of eligible beneficiaries. The other members of the Committee are Chief District Agriculture Officer, Lead Bank Manager and Chief District Veterinary Officer.
- xii. The DFO shall issue a Go Ahead letter and DPR to the selected beneficiaries to take up excavation work of tanks.
- xiii. The Assistant Fisheries Officer of the concerned block shall guide the farmers from time to time during the entire period of project implementation.
- xiv. Geo-tagged photograph of the project shall be taken by AFO along with the beneficiary before excavation, during excavation and after completion of the project.
- xv. The beneficiary shall inform the AFO about completion of the project at the earliest.
- xvi. The AFO shall make field visit within 15 days from the date of receipt of written information from the beneficiary and shall submit the completion certificate/ status report to the DFO along with all photographs at the earliest. Physical verification shall be conducted by the District Level Committee on completion of the project for recommendation to release subsidy. The District Level Inspection Committee (DLIC) comprising of the following members shall undertake joint field inspection of the site and keep record.
 - a) District Fisheries Officer
 - b) Additional Fisheries Officer/ AFO (Hqr)
 - c) Assistant Fisheries Officer of the concerned block
 - d) SFTA / JFTA
- xvii. 50% of the eligible subsidy shall be released by the DFO within a week after verification of the committee.
- xviii. The remaining 50% of subsidy shall be released to the beneficiary after stocking of shrimp seed on receipt of necessary certificate from the AFO.
- xix. The beneficiary shall submit the GST bills / receipts towards procurement of inputs.
- xx. To ensure transparency, geo-tagging and photographic documentation (pre-intervention, during implementation and post implementation) of all assets created under this scheme shall be maintained. The details of the beneficiary and photographs of the works shall be uploaded in the website of the Directorate of Fisheries.
- xxi. The funds will be placed to concerned District Fisheries Officer depending upon the target for creation of new tank. After completion of the civil work for construction of tank and other infrastructures, 50% of the eligible subsidy shall be released. However the input subsidy will be released by the DFO on production of supporting vouchers towards seed, feed, fertilizer, etc.
- xxii. Back ended subsidy shall be released only through DBT/RTGS/NEFT in the Aadhaar linked Bank Account of beneficiary.
- xxiii. The detailed estimate for tank excavation along with layout will be communicated by Directorate of Fisheries.

7. TERMS AND CONDITIONS FOR BENEFICIARIES

- (i) The beneficiary will submit an undertaking to the effect that he/she has not availed subsidy for the same activity under any Govt. scheme or agency.
- (ii) The Pond/tank having minimum water depth of 5 feet is eligible for financial assistance.

8. TRAINING AND SKILL DEVELOPMENT OF BENEFICIARIES

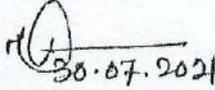
To generate awareness, dissemination of farming technology and to attract the interested stakeholders on the benefit of the scheme, adequate training and awareness programme may be conducted.

9. TIMELINE OF IMPLEMENTATION

The Scheme will be implemented during the financial year 2021-22.

10. MONITORING AND SUPERVISION

- (i) The AFOs at Block level shall select feasible areas/sites and the technical know-how would be extended by technical officers of fisheries Department/ ICAR Research Institute/ WorldFish Project Odisha.
- (ii) District Fisheries Officer will be the Project Implementing Officer at District level and Assistant Fisheries Officer at the Block level.
- (iii) The Zonal Deputy Director of Fisheries shall visit at least 20% of the completed tanks/ ponds.
- (iv) Joint Director of Fisheries (Coastal)/Deputy Director of Fisheries (Brackish water) shall monitor and supervise the Scheme at State level.
- (v) The District Fisheries Officers shall submit Monthly Progress Report online through the Decision Support System (DSS) to the Director of Fisheries, Odisha, Cuttack. A committee shall be formed under Chairmanship of the Director of Fisheries to review the achievement of the scheme on quarterly basis.
- (vi) Monitoring and supervision shall be done by the respective Zonal Deputy Director of Fisheries / District Fisheries Officers at District Level and Assistant Fisheries Officer/SFTA/JFTA at Block level.
- (vii) Pre, during and post excavation geo-tagged photographs will be kept in the individual case record and also be uploaded in the MIS system.
- (viii) The scheme shall be implemented by the existing staff.
- (ix) Review of deliverables shall be made after completion of each year.


20.07.2021
Special Secretary to Govt.,
Fisheries & ARD Department

APPLICATION FORM
EXCAVATION OF NEW TANKS UNDER THE STATE PLAN SCHEME
'DEVELOPMENT OF BRACKISH WATER FISHERIES' UNDER
IMPLEMENTATION OF FISHERIES POLICY

- 1) Name of the Farmer
- 2) Father's /Husband's name
- 3) Gender
- 4) Age
- 5) Address
 - a. Village:
 - b. G.P:
 - c. Block:
 - d. District
- 6) Mobile number
- 7) Category (Gen/SC/ST/Women)
 - a. Copy of Caste Certificate to be enclosed separately
- 8) Educational qualification
- 9) Land particulars

Ownership of Farm :

Upload photocopy of land document on which farm is to be made

Enter Land Particulars

Khata No./ Plot No.

Village/Town

Gram panchayat

Block

District
- 10) Whether Registration Certificate issued from CAA.
(If yes, enclose copy of the certificate)
- 11) Brief description on experience in brackish water shrimp farming, if any:
- 12) Details of subsidy availed earlier for any such project, if any:

Type of project

Location

Year of availing

Self/ Bank finance (In case of bank finance the Bank Clearance Certificate may be attached)
- 13) Document for Proof of Identification:
- 14) Aadhar Card No.:
(Copy of Aadhar card needs to be enclosed)
- 15) Source of funding for the project – Self finance/ Bank loan
 - a. If bank loan, enclose consent letter of concerned bank
- 16) Bank A/C No. With IFSC for DBT
(Photograph of the first page of the bank passbook needs to be attached)
- 17) Self declaration:

I Sri/ Smt./ Kumari		Son/Daughter/Wife of	
of village	Post	Block	District

Passport Size Photo (Self Attested)

do hereby declare that the above facts are true to the best of my knowledge and belief. In case of any information furnished by me found wrong at any point of time I shall be liable for punishment under provisions of law. I am willing to take up Brackish water shrimp farming & utilise the govt. assistance for the said purpose for fulfillment of the objective.

Signature of the applicant



GOVERNMENT OF ODISHA
FISHERIES & ARD DEPARTMENT

No. 9903 / FARD, Dt 11.08.2021
7FY-0008-2021

From

Shri Biswa Mohan Ray, OAS (SS)
Special Secretary to Government

To

The Director of Fisheries, Odisha, Cuttack

Sub:- Guidelines for Input Assistance to Women Self-Help Groups for Pisciculture in Gram Panchayat Tanks under State Plan during 2021-22 to 2023-24.

Sir,

I am directed to send herewith the approved guidelines for introduction of the new State Plan Scheme 'Input Assistance to Women Self-Help Groups for Pisciculture in Gram Panchayat Tanks' for information and necessary action.

Yours faithfully

Special Secretary to Government

Memo No. 9904, Dt. 11.08.2021

Copy along with copy of the approved guidelines forwarded to the Principal Secretary to Govt., PR & DW Deptt. for kind information and necessary action.

Special Secretary to Government

Memo No. 9905, Dt. 11.08.2021

Copy along with copy of the approved guidelines forwarded to the Commissioner-cum-Secretary to Govt., W & CD Deptt. for kind information and necessary action.

Special Secretary to Government

Memo No. 9906, Dt. 11.08.2021

Copy along with copy of the approved guidelines forwarded to the Commissioner-cum-Secretary to Govt., Mission Shakti Deptt. for kind information and necessary action.

Special Secretary to Government

Memo No. 9907, Dt. 11.08.2021

Copy along with copy of the approved guidelines forwarded to all the District Fisheries Officers for information and necessary action.

Special Secretary to Government

Guidelines for Input Assistance to Women Self-Help Groups for Pisciculture in Gram Panchayat Tanks under State Plan during 2021-22 to 2023-24

1.0 Background:

Odisha is endowed with vast inland fishery resources and if harnessed to the sustainable optimal levels, it can bring about significant increase in fish production. This will provide ample income generating avenues to the farmers, fishers, youth and women. The Odisha Fisheries Policy-2015, envisages to increase the fish production in the State by horizontal and vertical expansion of aquaculture. Over the last 5 years, the freshwater fisheries sector grew consistently with about 12% CAGR; while the freshwater fish production and productivity reached 5.75 lakh MT and 4.30 MT/Ha, respectively.

There are about 64,000 Gram Panchayat tanks in the State, with a water spread area of 59,343 Ha. Majority of these community tanks are underutilized and the way forward is to utilize these vast GP tanks for fish production in a socially equitable and environmentally sustainable way. During 2018, Panchayati Raj and Drinking Water Department brought out an enabling policy to grant long term lease of GP tanks (3-5 years) to women self-help groups (WSHGs) for pisciculture activities. Thereafter, the State Plan scheme 'Input assistance to women Self-Help-Groups for pisciculture in Gram Panchayat tanks' was also introduced by Fisheries & ARD Department, during 2018-19, with active convergence from Mission Shakti Department and Panchayati Raj and Drinking Water Department. During last 3 years, around 5175 Ha of GP tanks were brought under this scheme benefitting nearly 6000 WSHGs.

Based on the tremendous response received from the WSHGs in implementing the scheme, it has now been decided to extend the scheme from 2021-22 to 2023-24 and to take up additional 6,000 Ha of GP Tanks.

2.0 Aim & Objectives of the scheme:

1. To utilize the Gram Panchayat tanks for pisciculture by providing income generation opportunity for local WSHGs.
2. To increase the inland fish production of the State.

3.0 Strategy:

- i. The scheme will provide input assistance for undertaking pisciculture in 6000 Ha water spread area of GP Tanks, by long term leasing of the tanks to the WSHGs.

- ii. The scheme will be implemented in all 30 districts of the State.
- iii. The field level officials of the Directorate of Fisheries and Department of Mission Shakti will jointly select the WSHGs and identify GP tanks with active coordination of Block Development Officer for the assistance.

4.0 Target beneficiaries:

The existing and suitable WSHGs under the Department of Mission Shakti from all 30 districts will be eligible to be covered under this scheme. Approximately 6,000 WSHGs will be targeted for the period from 2021-22 to 2023-24.

5.0 Unit cost and pattern of assistance:

The unit cost towards various inputs taking up pisciculture activities in GP tanks is Rs. 1.50 lakh/Ha which includes cost of fish/prawn seed and feed. The subsidy assistance of 60% i.e. Rs.0.90 lakh/Ha will be provided to WSHGs towards costs of the inputs under this scheme, as detailed below.

Sl. No.	Components	Units	Unit Cost (Rs)	WSHG Contribution (Rs)	Subsidy (Rs)	Total Cost (Rs)
1	Pond Dyke repair, de-weeding and sludge removal	-	-	5,000	-	5,000
2	Water Management Cost (Water pumping, Fertilisers, Lime)	-	-	5,000	-	5,000
3	Advanced IMC fingerlings (50-100 g size) including transportation	2700 nos	12.50	-	33,750	33,750
4	Mola / Minor Carp / Prawn seed	25kg	400.00	-	10,000	10,000
5	Formulated pellet feed (28% crude Protein and 3% Fat) (@FCR 1:1.1)	2700 kg	32	40,150	46,250	86,400
6	Farm labour and Harvesting Cost LS	-	-	9,850	-	9,850
	Total Operational Cost			60,000	90,000	1,50,000

6.0 Scheme Outlay:

The details of financial outlay under the scheme over three years from 2021-22 to 2023-24 is mentioned below.

Sl.	Project component	2021-22		2022-23		2023-24		Total	
		Target (in Ha.)	Funds required (Rs. in lakh)	Target (in Ha.)	Funds required (Rs. in lakh)	Target (in Ha.)	Funds required (Rs. in lakh)	Target (in Ha.)	Funds required (Rs. in lakh)
1.	Subsidy assistance @ Rs. 0.90 Lakh/ Ha	2000	1800.00	2000	1800.00	2000	1800.00	6000	5400.00
2.	Project Implementation cost (@2%)	-	36.00	-	36.00	-	36.00	-	108.00
	Total	2000	1836.00	2000	1836.00	2000	1836.00	6000	5508.00

Subsidy component for WSHG	:	Rs. 5400.00 Lakh
Project Implementation cost	:	Rs. 108.00 Lakh
Total State Plan Assistance	:	Rs. 5508.00 Lakh

Implementation modalities:

1. Directorate of Fisheries will allocate the district wise physical and financial target under the scheme based on the potentiality and feasibility, in consultation with Department of Mission Shakti.
2. The scheme will be implemented under direct supervision of the District Fisheries Officers (DFOs) and the block level targets will be allocated in coordination with the District Project Coordinator of Department of Mission Shakti based on the potential and feasibility in each block.
3. Assistant Fisheries Officer (AFO) in coordination with Block Mission Shakti Coordinator and Panchayat Executive Officer will identify the G.P tanks in each GP for providing long term lease to selected WSHG.
4. The WSHGs which were already supported under this scheme or any other similar scheme shall not be eligible to avail subsidy again.

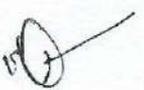
5. The GP tanks should be provided long term lease for at least 5 years, as per guidelines issued by PR&DW Department vide letter No. 10943 dated 08.06.2018, so that the WSHGs can undertake extended planning and investments for pisciculture activity.
6. The AFO shall also identify those GP tanks which are currently in derelict condition and can be brought under pisciculture, after necessary renovation. The list of such GP tanks will be submitted to the Block Development Officer (BDO) to take up renovation work under MGNREGS, so that these tanks can be taken up for pisciculture production in the coming years.
7. The community tanks under the jurisdiction of Urban Local Authorities like Municipal Corporation, Municipalities and NACs which can be leased out to WSHGs on long-term basis, shall also be covered under this scheme.
8. The WSHGs to be tagged with the selected GP tank will apply for long-term lease along with the following documents before the Sarpanch of the concerned G.P.
 - a. Resolution of the WSHG for availing the GP tank on long-term lease
 - b. Photocopy of the updated Bank Pass Book of the WSHG
 - c. Copy of the Gradation Certificate issued by OLM/ Mission Shakti
9. On receipt of all documents, GP will pass a resolution for consideration of the long-term lease to the WSHGs. Thereafter the Sarpanch of the concerned G.P will submit the GP Resolution with all necessary documents to the BDO.
10. BDO will submit the proposal before Sub-Collector/Collector for according Long-term lease of GP tanks in favour of the WSHGs.
11. The lease agreement will be executed by BDO on payment of prescribed lease value.
12. The DFO and AFOs shall follow up with the Block and District level authorities for facilitating long term lease of GP ponds to the WSHGs.
13. Wherever possible, one GP tank should be identified in each block for production of advanced fingerlings (50-100 gram size) which will meet the fish seed demand of nearby GP tanks on Cluster approach.
14. A District Level Committee (DLC) chaired by District Collector will guide and supervise the implementation of the scheme. The members of the DLC will include Sub Collector, District Project Coordinator of Mission Shakti and District Panchayat Officer. The District Fisheries Officer will be the Member Secretary. The DLC will monitor the leasing of GP tanks to WSHGs and approve the list of SHGs to be supported under the scheme.

15. WSHGs who have already taken assistance from OMBADC, OIIPCRA and other schemes cannot be covered under this scheme.
16. The stocking of the fish fingerlings under the scheme should be done mandatorily in the presence of the AFO, Block Mission Shakti Coordinator, Sarpanch and WSHG members.
17. Geo tagged photographs of the GP tanks along with the WSHG members covered under this scheme will be documented by the AFO and uploaded in the online Decision Support System (DSS) portal.
18. The Unit Cost under this scheme is Rs. 1.50 Lakh/Ha, which includes the cost of fish/Mola/Exotic Major carp / freshwater prawn seed and feed including packing and transportation charges. The subsidy assistance under this scheme shall be limited to 60% of the actual cost incurred, limited to Rs. 0.90 Lakh/Ha.
19. It is mandatory to release the subsidies under the scheme through Direct Benefit Transfer (DBT) mode. The WSHG will produce the bills / vouchers of the inputs certified by the Block level AFO and proportionate subsidy (@60%) will be released by the DFO to the Bank account of the WSHG. The subsidy will be released in two stages:
 - a. Upon completion of stocking of advanced fish fingerlings in GP tank
 - b. Upon procurement of feed
20. Project Implementing Cost (PIC) should be utilized for monitoring and supervision of the same scheme.
21. Block level trainings for the WSHGs will be organized by the District Project Coordinator of Mission Shakti and the trainings will be conducted by Assistant Fisheries Officer and monitored by the concerned District Fisheries Officer.
22. The monthly progress report on implementation of the scheme will be uploaded in the online DSS portal.
23. The list of WSHGs covered under the scheme with location of the GP tanks will be uploaded in the website of the Directorate of Fisheries.

Project Management, Monitoring and Supervision

A State Level Monitoring Committee will be constituted at Directorate of Fisheries, Odisha under Chairmanship of the Director of Fisheries, Odisha. The committee members are:

- Director of Fisheries (Chairman)
- Additional Director (Technical)



- Joint Director (Inland)
- Joint Director (Planning and Training)
- Deputy Director (Inland)

The Monitoring Committee will meet once in a month to monitor and review the progress of scheme implementation. Progress of the works of the DFOs will be reviewed by the Committee for suggestion and necessary guidance.

The District Fisheries Officers and Assistant Fisheries Officers shall regularly supervise the scheme implementation including progress of selection of GP Tanks, identification and tagging of WSHG, stocking of fish seed, training and capacity building of the WSHGs, release of subsidy etc. The Joint Directors and Deputy Directors of the Directorate of Fisheries will undertake field visits at regular intervals to monitor and supervise of the scheme implementation.

Implementation Timeline:

The timeline for implementation of the project will be for three years i.e. from 2021-22 to 2023-24.

Activities	Activities during each year (from 2021-22 to 2023-24)								
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan-April
District-wise targets fixed by the Directorate of Fisheries	█								
Selection of G.P. Tanks in consultation with DPC/BPC Mission Shakti & tagging to WSHGs	█	█							
Completion of long-term lease process	█	█	█						
Preparation of Tanks by WSHG		█	█						
Training imparted to WSHGs at Block Level		█	█	█					
Stocking of Fingerlings									
Grow-out management						█	█	█	█
Fish harvesting									█