

GUIDELINES FOR STATE SECTOR UMBRELLA SCHEME “MMKY- PROMOTION OF INTENSIVE AQUACULTURE THROUGH BIO-FLOC TECHNOLOGY” FOR THE FY 2023-24

1. Introduction:

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 there by fulfilling the principle of **more crop per drop**.

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 through 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 ratio 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.


The principle of this technique is the generation of nitrogen cycle by maintaining higher C: N ratio through stimulating heterotrophic microbial growth, which assimilates the nitrogenous waste that can be exploited by the cultured species as a feed. The biofloc technology is not only effective in treating the waste but also grants nutrition to the aquatic animal.

The higher C:N (10-15:1) is maintained through the addition of carbohydrate source (molasses) and the water quality is improved through the production of high quality single cell microbial protein. In such condition, dense microorganisms develop and function both as bioreactor controlling water quality and protein food source. Immobilization of toxic nitrogen species occurs more rapidly in biofloc because the growth rate and microbial production per unit substrate of heterotrophs are ten-times greater than that of the autotrophic nitrifying bacteria. This technology is based on the principle of flocculation within the system.

1.1 Benefits of the Bio-Floc Technology

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

1.2 . Steps to set-up Bio-floc fish/ shrimp farming system:

- i. Identification of suitable site and setting up of tanks
- 

- ii. Development of inoculum (Pond soil- 20g/L, Ammonium Sulphate-10mg/L, Carbon source-200 mg/L). Development may take 20-30 days to attain 20-25 mg/L imhoff reading.
- iii. Stocking of fish/fry/fingerling/prawn.
- iv. Feeding and management.
- v. Periodical addition of carbon supplements (maintained at C:N ration of 15:1)
- vi. Periodical removal of bottom sludge and refill.
 - a. Harvesting of crop

2. Objectives of the Scheme:

- i. To promote high-yielding intensive fish farming in small area using Bio-floc technology.
- ii. To encourage farmers, entrepreneurs and unemployed youth for income generation through small-scale Bio-floc farming system

3. Target Group and area of operation:

- i. Interested farmers having requisite land available for installation of unit.
- ii. Must be a resident of Odisha with valid Aadhar card.
- iii. Must have a bank account in his/her name in the state of Odisha.
- iv. Must have an Aadhar linked mobile no. for registration in Go-sugam portal.
- v. Beneficiary who have already availed assistance under Bio-floc for less than 6 tanks (90 cubic meter) under any other schemes.
- vi. Farmers, private entrepreneurs, unemployed youth are eligible to avail the assistance under this scheme.
- vii. Fish farmers having grow-out tanks, nursery and seed tanks, fish and shrimp hatchery can also be covered under this scheme.
- viii. Priority will be given to unemployed educated youth, since Bio-floc farming involves advanced technology and beneficiary has to undergo specialized training on Bio-floc farming system, before operation of the unit.
- ix. The scheme will be implemented in all 30 districts of Odisha.

4. Implementation guidelines:

4.1. 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 Bio-floc farming involves advanced technology, and the beneficiary has to undergo specialized training on Bio-floc systems, before operation of the unit.

- i. The eligible brackish water shrimp farms/ nursery and seed tanks/ hatchery beneficiaries must have concerned license from Coastal Aquaculture Authority.
- ii. The support will be in the form of back-ended assistance for installation of Bio-floc system inside a shed with brick masonry tanks, water supply, drain and aeration units and input assistance for doing culture in the tank.
- iii. The assistance will be available to the above categories of beneficiaries with a minimum of 2 tanks (30 cubic meter) and a maximum of 6 tanks(90 cubic meter).
- iv. If, a beneficiary has availed subsidy earlier for installation of Bio-floc unit under different schemes of Government of India and State Government, 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.

- v. While availing subsidy, beneficiary family will be considered instead of individual member of family. One beneficiary family should not be provided with multiple benefit under one particular scheme. A family will not be eligible for subsidy under the same scheme if any of its members has got subsidy during last three years.
- vi. The concept of family members is not applicable in case of WSHG member covered under WSHG -biofloc scheme and shall not cause any bar for having individual unit beyond biofloc for WSHG

4.2 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. The beneficiaries interested to avail the subsidy shall apply in Go-Sugam portal through a registration process submitting requisite documents. In case difficulty is encountered in online mode, he/she can submit the application in offline mode through AFO block in the prescribed format as specified in **Annexure-I** and as per Checklist at **Annexure-IA**. All offline applications shall be uploaded to Go-Sugam site by the AFO before issue of go ahead.
- iii. The application shall include documentary evidence of availability of requisite land (either own/registered lease deed) free from all encroachments and encumbrances, necessary clearance/permission if any required. In case of leased land the lease period/agreement must not be less than 7 years from the date of application.

In case of joint property and property ROR in the name of ancestors, the affidavit should be made before the Executive Magistrate in the name of applicant which should contain declaration/consent by other shareholders/ their legal heirs of the land to take up the project by the applicant under govt. assistance. The applicant shall submit disclaimer that in case of any complaint received from any party on dispute of land the subsidy amount will be refunded to Government.
- iv. Identification of beneficiaries shall be made with AADHAR linking at the time of submission of application. The AFO must ensure the AADHAR no. of the beneficiaries and the land record to prevent multiple benefits.
- v. 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 the format enclosed at **Annexure-II**. The AFO should ensure that the project proposed by the beneficiary is completely new.
- vi. All beneficiaries shall be trained for which list of such beneficiaries shall be submitted to Directorate of Fisheries by the DFO concerned.
- vii. Directorate of Fisheries will either organise the training on bio-floc technology for the beneficiaries nominated by the DFOs at CIFA/BWTC/FTI etc. (Cost of the training shall be met out of the IEC/training and capacity building component, or entrust the task to District/Zonal Level along with fund provision.
- viii. AFO shall upload at least one (1) Geo-Tagged photograph (with the beneficiary and AFO in project site) during field verification and upload technical feasibility report online in Go-SUGAM.
- ix. On receipt of applications along with documents from the AFO through Go-Sugam/ offline, the DFO shall convene the District Level Committee (DLC) meeting under the Chairmanship of the Collector for approval of the eligible beneficiaries as per Notification No. 834/FARD Dt. 21.01.2023.

- x. The DFOs shall issue a Go-ahead letter (**Annexure-IV**) along with the Model layout of the unit (**Annexure-III**) to the selected beneficiaries to take up the bio-floc farm unit installation.
- xi. 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 in two phases 60% after installation of tank and shed and then 40% after stocking of fish / shrimp seed in the newly installed Bio-floc tank.
- xii. Upon completion of the unit the beneficiary will intimate the concerned AFO.
- xiii. Beneficiary uploads self-declaration form along with self-certified GST bills for project expenditure as applicable in the Go-SUGAM portal towards completion of Bio-floc unit and requests for release of subsidy.
- xiv. AFO shall physically verify 100% of the completed projects. The utilization certificate certified input bills / vouchers, geo-tagged photographs (AFO and the beneficiary both should be visible along with the Asset created) shall be uploaded/ submitted by the AFO to DFO for release of subsidy.
- xv. DFO/ Addl. F.O/ AFO(HQ) of the district shall verify / cross check, minimum 25% of the project separately. DFO shall earmark percentage of project to be inspected by each officer himself/herself /Addl.F.O / AFO (HQ).They shall visit the projects immediately after installation of bio-floc tanks and before stocking.
- xvi. Zonal Deputy Director of Fisheries shall verify, at least 5% of the completed cases. These 5% cases shall be other than the 25% of cases inspected as mentioned in Para XIV. However, release of subsidy shall not be linked to inspection of projects by Zonal DDFs.
- xvii. Items mentioned in the unit cost (i.e. Brick Masonry tank, blower, water pump, genset/other backup system, shed, inputs etc.) are eligible under subsidy upon submission of actual GST bills (whichever applicable)
- xviii. The DFO shall release the subsidy to the beneficiary's bank account through DBT/NEFT/RTGS 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. The DFO shall upload the list of beneficiaries benefitted under the scheme on DSS.
- xxi. The DFO shall submit monthly progress report to the Director of Fisheries, Directorate of Fisheries, Odisha, Cuttack in the format enclosed at **Annexure- V**.
- xxii. Subsidy of 40% for general category and 60% for SC, ST, Women, Transgender and PWD beneficiaries for the scheme shall be followed and preference to be given to SC/ST/PWD/TG.
- xxiii. For differently abled person, the certificate of disability issued by certifying authority/ competent authority indicating 40% or more disability as per the Rights of persons with Disabilities Act,2016 will be accepted for PWD category) /Transgender. (The certificate of identity as transgender person issued by District Magistrate as per "the transgender person protection of rights act, 2019 will be accepted for transgender category.
- xxiv. In case, Government in F & ARD Department enhance the percentage of subsidy, that shall be applicable for those beneficiaries who have received go-ahead letter during the FY 2023-24.**
- 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 the concerned district for bank loan to beneficiaries, as beneficiaries have to invest 60% of project cost.

- xxvii. District official can enhance the it up to 25% of their allocated target and district officials are free to reallocate block targets as per demand (Lt. 883/FARD dt 21.1.23).
- xxviii. DFOs to assess the progress of each projects after a period of three months from the date of issue of the Go ahead then issue one month notice for immediate initiation of the project if not yet started. After one month of the notice the same may be cancelled if no progress is observed. DFOs are allowed to review the reasons of non-initiation from case to case basis with justified reasons(Except bank finance case).

4.3: Implementing Agency and Area of Operating:

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 higher officers of Directorate of Fisheries, Cuttack.

5. Project Management, Monitoring and Supervision:

5.1: District level Monitoring

The District Fisheries Officers along with his/her team of officers shall regularly supervise the scheme implementation including progress of selection of beneficiary, installation of units, stocking of fish seed, training and capacity building of the beneficiaries, release of subsidy etc.

5.2: State Level Monitoring

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)

5.3: The Monitoring Committee will meet once in each quarter to monitor and review the progress of scheme implementation.

5.4: The Committee shall review the progress of work made by the DFOs and suggest guidance and advice.

6. Source of Fund:

The guidelines shall be implemented through the State Plan Scheme “(MMKY Promotion of Intensive Aquaculture through Bio-floc Technology)” as per the budgetary provision.

7. Timeline for Project Implementation:

SI. No.	Activity	Time line	Responsible officer
1.	Submission of the application through offline/online		Beneficiary
2.	Initial scrutinizing of applications and Geo-tagging/field feasibility report jointly with beneficiary	Within 15 days of receipt of application	AFO
3.	District Fisheries Officer shall	Within 30 days of	DFO

Vy

	conduct DLC of all eligible cases available with DFO office before issue of go ahead.	receipt of application	
4	All offline applications shall be uploaded to the Go sugam site before issue of go ahead in online mode.	Within 15 days of DLC	AFO and Beneficiary
5.	District Fisheries Officer shall issue Go Ahead in favour of the beneficiary basing on the feasibility report of the AFO. Copy of the Go-ahead shall be intimated to financing bank, in case of bank finance cases.	Within 15 days of completion of DLC	DFO
6.	Field inspection of installed Bio-floc farm unit	Within 15 days of receipt of intimation from the beneficiary regarding completion of the unit	AFO
7.	Release of subsidy to the beneficiaries through DBT/ NEFT/ RTGS	Within 15 days of completion of Joint inspection and submission of Bills/vouchers	DFO

8. Unit Cost and pattern of Assistance:

Models	No of tanks	Unit cost Capital + Input (In Rs Lakh)	Subsidy pattern for General Category (40%) In Rs. Lakhs	Subsidy pattern for SC, ST, Women, PWD/Transgender Category (60%) In Rs. Lakhs
Type-1	2	2.00	0.80	1.20
Type-2	4	4.00	1.60	2.40
Type-3	6	6.00	2.40	3.60

9. Details of Bio-floc Model:

Unit Cost and Pattern of Assistance (Brick Masonry)

Type-1

Table-1

Bio-floc tank of 30 cubic meter capacity (Brick Masonry)					
Sl. No.	Items	Unit	Unit Cost (Rs.)	Subsidy per unit @ 40% of total cost for Gen (Rs.)	Subsidy per unit @ 60% of total cost for SC/ST/Women/ PWD/ Transgender (Rs.)
A	Capital Cost				
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	90000	36000	54,000
2	Wooden/ Bamboo shed including installation costs (covered with shade net) Floor area: 50m ² (10 m length x 5 m width) Height: 3 m	1	10000	4000	6000
3	Electric water pump (0.5 HP)	1	4000	1600	2400
4	Ring Blower / High pressure air pump (100-120 W, single phase AG) alternatively one blower will run 24x7/	2	20000	8000	12000
5	Electronic weighing balance	1	1000	400	600
6	UPS unit with Inverter (1100 VA) and battery (150 Ah) or Portable Genset (1 Kilo Watt)/or any other back up system	1	25000	10000	15000

A	Total Capital Cost		150000	60000	90000
B	Operational Cost per crop				
1	Water Management (water pumping, probiotics, aeration etc)	Lumpsum	10000	4000	6000
2	Fish fingerling(25gm) including packing and transportation (Tilapia/ Pangasius/catfish/Amur carp/ Scampi/shrimp/barb etc.) or Cost of Spawn/ Fry for seed rearing within the financial ceiling of cost of stocking material	1600nos@ Rs.5.00	8000	3200	4800
3	Formulated feed (24-30% crude protein & 3% fat)	800kg@ Rs.36/kg	28800	11520	17280
4	Miscellaneous	Lumpsum	3200	1280	1920
B	Operational Cost Total		50000	20000	30000
C	GRANDTOTAL(A+B)		200000	80000	120000

- i. The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-1 and Annexure-III. 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.
- ii. Under this model, if the beneficiary desires he/ she may construct one tank with minimum 30 cubic meter tank capacity.

Type-2

Table-2

Bio-floc tank of 60 cubic meter capacity (Brick Masonry)					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per unit @ 40% of total cost for Gen (Rs.)	Subsidy per unit @ 60% of total cost for SC/ST/Women/PWD/ Transgender (Rs.)
A	Capital Cost				
1	Biofloc tank: Brick masonry tanks with frames, solid	8 4	180000	72000	108000

64

	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 or one tank with 60 cum capacity				
2	Wooden/ Bamboo shed including installation costs (covered with shade net) Floor area: 100m ² (10 m length x 10 m width) Height: 3 m	1	16000	6400	9600
3	Electric water pump (0.1 HP)	1	8000	3200	4800
4	2 units of 2HP ring/ root blower(or 4 units of 1 HP ring blower alternatively one blower will be running for 24x7)	2	55000	22000	33000
5	Electronic weighing balance	1	1000	400	600
6	Portable Genset (2.5 Kilo Watt) or any other back-up within project cost	1	40000	16000	24000
A	Capital Cost Total		300000	120000	180000
B	Operational Cost per crop				
1	Water Management (water pumping, probiotics, aeration etc)	Lump sum	20000	8000	12000
2	Fish fingerling(25gm) including packing and transportation (Tilapia/ Pangasius/ catfish/Amur carp/ Scampi/ shrimp/barb etc.) or Cost of Spawn/ Fry for seed rearing within the financial ceiling of cost of stocking material	3200nos @ Rs.5.00	16000	6400	9600
3	Formulated feed(24-30% crude protein & 3% fat)	1600kg @ Rs.36/ kg	57600	23040	34560
4	Miscellaneous	Lump sum	6400	2560	3840
B	Operational Cost Total		100000	40000	60000
C	GRANDTOTAL(A+B)		400000	160000	240000

- I. The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-2 and Annexure-III. 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.
- II. Under this model, if the beneficiary desires he/ she may construct two tanks or one tank with minimum 60³cubic meter tank capacity.

Ch

Bio-floc tank of 90 cubic meter capacity(Brick Masonry)					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per unit @ 40% of total cost for Gen (Rs.)	Subsidy per unit @ 60% of total cost for SC/ST/ Women/ PWD/ Transgender (Rs.)
A.	Capital Cost				
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 6 tanks or four tanks or two tanks or one tank with 90 cum capacity	6	270000	108000	162000
2	Wooden/ Bamboo shed including installation costs with shade net) Floor area: 150m2 (15 m length x 10 m width) Height: 3 m	1	26000	10400	15600
3	Electric water pump (0.5 HP)	2	8000	3200	4800
4	2 units of 2HP root blower (or 4 units of ring blower alternatively one blower will be running for 24x7)	2	55000	22000	33000
5	Electronic weighing balance	1	1000	400	600
6	Portable Genset (5 Kilo Watt) or any other back-up within project cost	1	90000	36000	54000
A	Capital Cost Total		450000	180000	270000
B.	Operational Cost per crop				

1	Water Management (water pumping, probiotics, aeration etc)	Lump sum	30000	12000	18000
2	Fish fingerling (25gm) including packing and transportation (Tilapia/ Pangasius/ catfish/Amur carp Scampi/shrimp/barb etc.) or Cost of Spawn/ Fry for seed rearing within the financial ceiling of cost of stocking material)	4800 nos. @ Rs.5.00	24000	9600	14400
3	Formulated feed (24-30 % crude protein & 3% fat)	2400 kg @ Rs.36 /kg	86400	34560	51840
4	Miscellaneous	Lump sum	9600	3840	5760
B	Operational Cost Total		150000	60000	90000
C	GRAND TOTAL (A+B)		600000	240000	360000

- i. The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the table-3 and Annexure-III. 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.
- ii. Under this model, if the beneficiary desires he/ she may construct any number of tanks with minimum 90 cubic meter tank capacity.

lu

**APPLICATION FORM FOR "PROMOTION OF INTENSIVE AQUACULTURE
THROUGH BIO-FLOC TECHNOLOGY (MMKY)"**

- 1) Name of the Applicant:
- 2) Name of the Farm/ Hatchery:
- 3) Address
- a. Village:.....
- b. G.P.:.....
- c. Block:.....
- d. District:.....
- e. Pin-
- 4) Mobile number (Aadhaar linked Mandatory)
- 5) Category (Gen/SC/ST/Women/Transgender/PWD).....
(Attach /Up load caste/ requisite Certificate)
- 6) Educational Qualification:
- 7) Male/Female:
- 8) Age:.....
- 9) Have you availed similar subsidy previously for any project? (if yes, the details of the previous one may be mentioned)
- a. Name & Type of the project-
- b. Project Location-
- c. No of bio-floc tanks developed-
- d. Year of availing subsidy-
- e. Amount of subsidy received-
- f. Subsidy availed under which scheme?
- g. Self/ Bank finance
- 10) Identification proof (Aadhaar card)
(Enclose a Photocopy of the Aadhaar Card)
- 11) Number of Bio-floc farm units to be installed/ total Volume in Cubic meter.....
- 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)

**Passport Size
Photo**
(Self Attested)

h

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 'MMKY-Promotion of Intensive Aquaculture through Bio-floc Technology'. I do hereby undertake to utilize the Govt. assistance for intensive fish farming using Bio-floc technology.

I do hereby declare that in case of any complaint received from any party on dispute of land, the subsidy amount will be refunded to Government.

Signature of the applicant



ANNEXURE-I(A)

Check List of documents to be attached with Application form

1. Filled in Application form by the applicant
2. Photocopy of Adhar card
3. Photocopy of Record of Right (RoR) of proposed land for development
4. Photocopy of sketch map of proposed land certified by Revenue official
5. Photocopy of caste/ PWD/Transgender certificate
6. Affidavit sworn before Executive Magistrate in case of joint property by co-owners of land
7. Registered lease agreement for a minimum period of 5 years
8. Self-contained proposal for setting up of new bio-floc unit.
9. Photocopy of 1st page of bank passbook

lu

ANNEXURE-II

FIELD VERIFICATION REPORT BY AFO

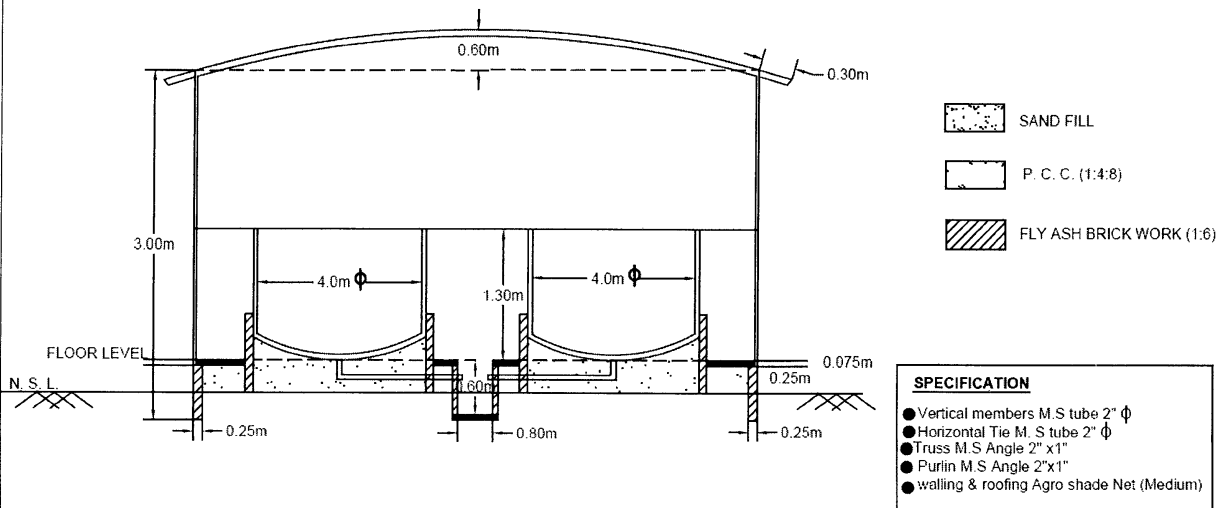
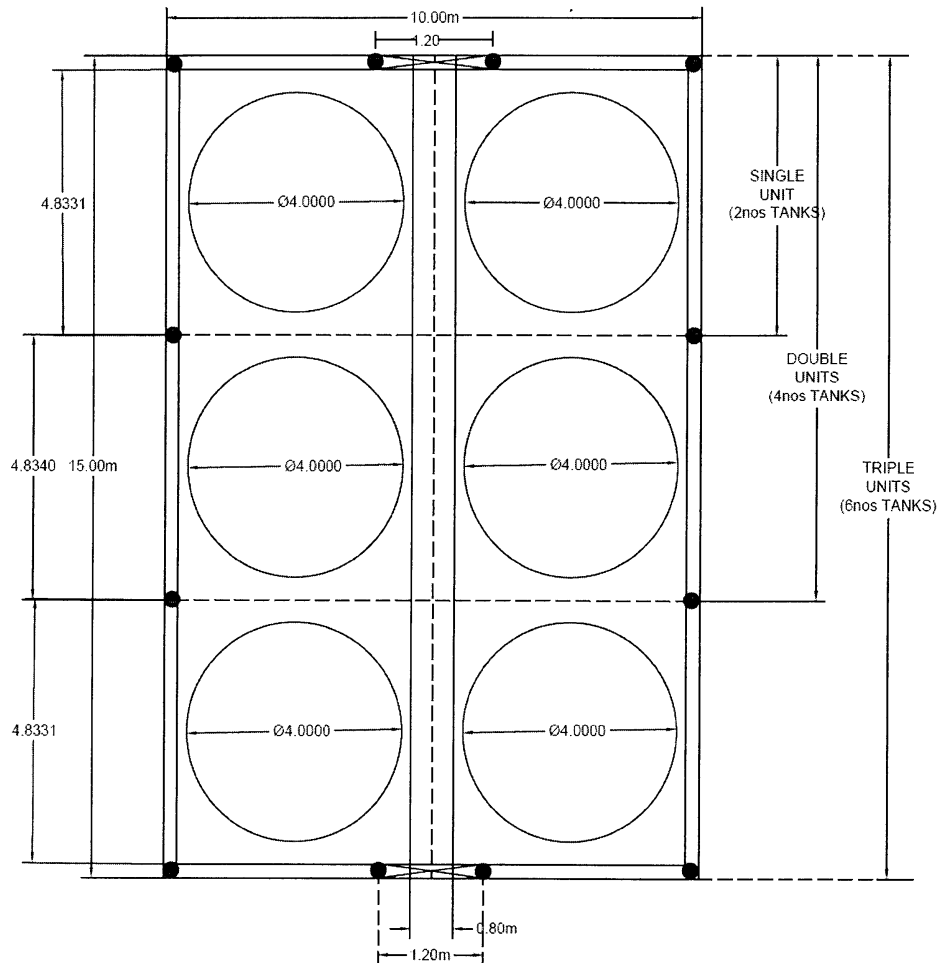
I do hereby certify that the following applicants have been physically verified by me and found eligible for receiving financial assistance under the scheme on "MMKY-Promotion of intensive aquaculture through Bio-floc technology". The information provided by the applicant in their application form found to be correct.

Sl. No.	Name of the applicant	Block and District Of the applicant	Category of unit (Fresh water Fish farm / Nursery / Seed tank / Hatchery OR Brackish water Shrimp farm Nursery / Seed tank / Hatchery	No of Bio-floc Units to be installed and Total volume of tank

Assistant Fisheries Officer



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



GO-AHEAD LETTER

DISTRICT FISHERIES OFFICER.....

Letter No.....Date.....

To,

.....
.....
.....

Subject- Issue of Go-Ahead letter for installation of Bio-floc tanks under MMKY - Promotion of Intensive Aquaculture through Bio-floc Technology for the year.....

Madam/Sir,

With reference to the subject cited above, Go Ahead letter is issued for installation of Bio-floc tanks under State sector scheme "**MMKY - Promotion of Intensive Aquaculture through Bio-floc Technology**" for the year..... to set up a new biofloc unit of Nos of **CEMENTED tank with CUBIC MT. CAPACITY** IN TahasilMAUZA- _____ Plot No._____ & Khata No._____

(Project Cost- Rs _____/- & Admissible subsidy- Rs. _____/- @ _____%

Please note that the work must be completed within financial year by dt..... for release of subsidy. Adherence to the provisions of the Scheme is mandatory for release of subsidy. Submission of GST vouchers where ever applicable is mandatory for release of subsidy.

Completion of the biofloc tanks and stocking of fish/ shrimp seed need to be intimated to the AFO concerned at the earliest.

Signature of DFO

Memo..... dt.....

AFO



ANNEXURE-V**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 AFO	No. of Beneficiaries who received Assistance	Amount of Assistance Disbursed to Beneficiaries (Rs.)

District Fisheries Officer