GUIDELINES FOR STATE PLAN UMBRELLA SCHEME "MMKY-PROMOTION OF INTENSIVE AQUACULTURE THROUGH BIO-FLOC TECHNOLOGY BY WSHGS" FOR THE FY 2023-24

1. Introduction:

Bio-floc based farming aims to promote sustainable intensification of the freshwater fishand 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 tankwater 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 spices 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 utilisation thus increasing the profit margin to farmers

1.2 Objectives of the Scheme:

i. To promote high-yielding intensive fish farming in small area using Bio-floc technology.
ii. To encourage WSHGs for income generation through small-scale Bio-floc farming system

1.3 **Steps to set-up Bio-floc fish/ shrimp farming system:**

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

ii. Development of inoculum/FCO (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 ratio of 15:1)

vi. Periodical removal of bottom sludge and refill.

vii. Harvesting of crop

1.4 **Target Group:**

Interested WSHG of the State for taking up pisciculture through Bio-floc technology.

2. Implementation guidelines:

2.1. Eligibility and Selection of WSHG:

WSHG interested to take up grow-out tanks, nursery and seed tanks; are eligible to avail the assistance under this scheme. The WSHG has to undergo specialized training on Bio-floc systems, before operation of the unit.

i. The suitable land of any member of the WSHG may be selected for the project with resolution by same WSHG followed by lease agreement sworn before the Executive Magistrate for a minimum period of 3 years.

ii. The brackish water shrimp farms with Coastal Aquaculture Authority license / nursery and seed tanks/ hatchery of WSHG are eligible.

iii. 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.

iv. The assistance will be available to the above categories of WSHG with a minimum of 2 tanks and a maximum of 6 tanks.

v. If, a WSHG 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.

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. The entire procedure shall be as per letter no 11264 dt 8.9.21 for setting up of biofloc units by the WSHGs except the terms that there should be only Concrete tanks permissible under MMKY assistance.

A. Allocation of block wise target

The District Fisheries Officer (DFO) in coordination with the CDO-cum-EO, Zilla Parishad will allocate the block wise targets basing on the number of SHGs and feasibility of implementation of projects in concerned blocks.

B. Process for selection of SHGs.

a. The BDO and CDPO along with AFO/BPC/BPM shall give wide publicity and awareness among the SHGs on the scheme& its benefits.

b. 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 District Fisheries Officer (DFO). Copy of EoI will also be communicated to the DFO.

c. The EoI shall be published at the offices of the DSWO, CDPOs, BDOs, AWCs and BLF. The format for EoI for SHGs is enclosed herewith as **Annexure-I (with format of application&Check list).**

C. **Block Level Selection Committee**: The Block Level Selection Committee comprising of following officials is formed to examine the received EoI of SHGs and select the eligible SHGs following the SHG Selection Criteria. The format is annexed as **Annexure II.**

a. Block Development Officer (BDO) - Chairperson
b. Child Development Project Officer (CDPO) - Convener
c. Assistant Fisheries Officer (AFO) - Member
d. Block Project Coordinator & Block Project Manager, Mission Shakti – Members

D. **Criteria for identification and selection of SHGs / SHG Federations**:

a. SHGs for these proposed interventions include SHG Federations.
b. SHG must have completed two years from the date of formation.
c. SHG should belong to the same GP where they propose to take up the activity.
d. SHG must have an active Bank account.
e. SHG must not be a bank loan defaulter.
f. SHG must have undertaken regular and systematic book keeping including maintenance of meeting register, cash book, updated pass book among others.
g. SHGs undergone training at Krishi Vigyan Kendras (KVKs) or by FARD Department on Bio-floc technology will be given preference from among the applicant SHGs/Federations.
h. SHGs allotted with GP tanks and not covered under Biofloc so far should be given preference.
i. The Committee will scrutinize the EoIs based on the SHG Selection Criteria and select SHGs considering the targets.

E. **Block Level Inspection Teams (BLIT)**: The BLITis formed consisting of the following members to undertake a joint verification of the proposed sites of the shortlisted SHGs for setting up of the Fisheries unit.

Team for Fisheries sector Projects

a. AFO - Chairman
b. BPC & BPM, Mission Shakti - Members
c. SFTA/ JFTA - Member

F. The BLIT will inspect the proposed unit sites and take geo tagged photographs (2 photos) at the time of joint inspection. The team shall submit a feasibility report along with photographs to the Convener, BLSC. The format of the report is annexed as **Annexure III**.

G. The BLSC shall examine the Field Inspection Report and select suitable SHGs as per criteria. An authenticated list of SHGs shall be prepared by the BLSC. The Convener of the Committee cum CDPO shall share the 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 by DFO in (**Annexure-IV**). A copy should also be submitted to the DSWO, CDO-cum-EO, Zilla Parishad & Collector of the district for information and review of progress.

H. After issue of the go-ahead letter, the SHG will construct /develop Biofloc unit as the case may be under direct supervision and guidance of the block level fisheries officials.

I. On completion of the construction / development of the project sites, the BLIT will inspect the units within 2 weeks and take a geo-tagged photograph of the completed unit.

J. AFO on behalf of the BLIT will submit the completion report of the unit enclosing the geo-tagged photograph to District Fisheries Officer for release of subsidy through the bank account of the SHGs. The format of the report is annexed as **Annexure V**.

K. Back ended subsidy@60% shall be released in two phases 60% in 1st phase and 40 % in 2nd phase. Both the field functionaries of Mission Shakti & F&ARD Department will facilitate for ontime release of subsidy.

iii. Directorate of Fisheries will either organise the **training on bio-floc technology** for the WSHG 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 of the budget provision). Or entrust the task to District/Zonal Level along with fund provision.

iv. WSHGto submit self-declaration form along with GST bills (where ever applicable) for project expenditure as applicable with signature to the DFO towards completion of Bio-floc unit and requests for release of subsidy.

v. AFO shall physically verify 100% of the completed projects. The utilization certificate, certified input bills / vouchers, two (2) geo-tagged photographs (AFO and the WSHG both should be visible along with the Asset created) shall be submitted by the AFO to DFO for release of subsidy.

vi. 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.

vii. 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-VI. However, release of subsidy shall not be linked to inspection of projects by Zonal DDFs.

viii. 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)

Ix. Geo-tagged post-installation photographs of the bio-floc units along with the WSHG will be taken by concerned Assistant Fisheries Officer upon completion of the installation and stocking.

x. The DFO shall release 60% subsidy to the WSHG through DBT/NEFT/RTGS only on the eligible items in the Bio-floc units after proper verification of the GST bills/ receipts(whichever applicable).

xi. 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

WSHG assisted under this scheme.

xii. A complete database shall be uploaded on the DSS platform so that all information relating to support provided under the scheme can be easily assessed.

xiii. The DFO shall submit a monthly progress report through 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-VI**.

xiv. No additional manpower or consultant shall be engaged for implementation of scheme.

xv. District Fisheries Officer should co-ordinate with DPC MS for bank loan to WSHG/CIF loan, as WSHG have to invest 60% of project cost.

xvi. District official can enhance 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).

2.3 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. This shall also be supervised and cross checked by 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:

i. Director of Fisheries (Chairman)

ii. Additional Director (Technical)

iii. Joint Director (Inland)

iv. Joint Director (Planning and Training)

v. Deputy Director (Inland)

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 guidance and advice.

4. Source of Fund:

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

5. Timeline for Project Implementation:

Sl. No.	Activity	Time line	Responsible officer
1.	Submission of the application through offline/online		WSHG
2.	Initial scrutinizing of applications and Geo-tagging/field feasibility report jointly with WSHG	Within 15 days of receipt of application	AFO
3.	District Fisheries Officer shall conduct DLC of all eligible cases available with DFO office before issue of go ahead.	Within 30 days of receipt of application	DFO
4.	District Fisheries Officer shall issue Go Ahead in favour of the WSHG 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 receipt of field verification report	DFO
5.	Field inspection of installed Bio-floc farm unit	Within 15 days of receipt of intimation from the WSHG regarding completion of the unit	AFO
6.	Release of subsidy to the WSHG through DBT/ NEFT/ RTGS	Within 15 days of completion of Joint inspection	DFO

6. Unit cost and subsidy pattern:

Models	No of tanks	Unit cost Capital+Input (In Rs Lakh)	Subsidy pattern (60%) In Rs. Lakhs
Type-1	2	2.00	1.20
Type-2	4	4.00	2.40
Type-3	6	6.00	3.60

7.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 Masonary)				
Sl. No.	**Items**	**Units**	**Unit Cost (Rs.)**	**Subsidy Per unit @60% of total cost (Rs.)**
A	**Capital Cost**			
1	Bio-floctank: brick masonry tanks with frames, solid base, drain pipe and fish net covering (4m dia X 1.3m depth tank = 15000 L capacity) for two tanks or one tank with 30 Cubic meter capacity	2	90000	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	6000
3	Electric water pump (0.5 HP)	1	4000	2400
4	Ring Blower / High pressure air pump (100-120W, single phase AG) alternatively one blower will run 24x7	2	20000	12000
5	Electronic weighing balance	1	1000	600
6	UPS unit with Inverter (1100 VA) and battery (150Ah) or Portable Genset (1 Kilo Watt)/or any other back up system	1	25000	10000
A	Total Capital Cost		150000	60000
B	Operational Cost per crop			
1	Water Management (water pumping, probiotics, aeration etc)	Lump sum	10000	4000
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	1600 nos@ Rs.5.00	8000	3200
3	Formulated feed (24-30% crude protein & 3% fat)	800kg@ Rs.36/kg	28800	11520
4	Miscellaneous	Lump sum	3200	1280
B	Operational Cost Total		50000	20000
C	**GRANDTOTAL(A+B)**		**200000**	**120000**

i. Financial assistance @ 60% of the Unit Cost shall be followed.
ii. The WSHG shall construct the Bio-floc unit as per the minimum design and specification shown in the table-1 and Annexure- III. However, the WSHG 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.
iii. Under this model, if the WSHG desires they 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 @60% (Rs.)**
A	**Capital Cost**			
1	Bio-floc tank: brick masonry tanks with frames, solid base, drain pipe and fish net covering (4m dia X1.3m depth tank =15000 L capacity) for two tanks or one tank with 30 Cubic meter capacity	4	180000	108,000
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	16000	9600
3	Electric water pump (1 HP)	1	8000	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	33000
5	Electronic weighing balance	1	1000	600
6	Portable Genset (2.5 Kilo Watt) or any other back up within project cost	1	40000	24000
A	**Capital Cost Total**		**300000**	**180000**
B	**Operational Cost per crop**			
1	Water Management (water pumping, probiotics, aeration etc.)	Lumpsum	20000	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	9600
3	Formulated feed (24-30% crude protein & 3% fat)	1600kg@ Rs.36/kg	57600	34560
4	Miscellaneous	Lumpsum	6400	3840
B	**Operational Cost Total**		**100000**	**60000**
C	**GRANDTOTAL(A+B)**		**400,000**	**240,000**

i. Financial assistance @ 60% of the Unit Cost shall be followed.
ii. The WSHG shall construct the Bio-floc unit as per the minimum design and specification shown in the table-2 and Annexure-III. However, the WSHG shall make the bio-floc tanks of higher dimension, higher specification with concrete/ RCCstructure etc. However, the financial assistance will be limited as shown in the table above.
iii. Under this model, if the WSHG desires he/she may construct tank with minimum 60 cubic meter tank capacity.

Type-3

Table 3

Bio-floc tank of 90 cubic meter capacity (Brick Masonry)				
Sl. No.	**Items**	**Units**	**Unit Cost (Rs.)**	**Subsidy perunit@60% (Rs.)**
A	**Capital Cost**			
1	Bio-floc tank: Brick masonry tanks with frames, solid base, drainpipe 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	162000
2	Wooden/ Bamboo shed including installation costs with shade net) Floor area: 150m^2 (15 m length x 10 m width)Height: 3 m	1	26000	15600
3	Electric water pump(1 HP)	1	8000	4800
4	2 units of 2 HP root blower(or 4 units of ring blower, alternatively one blower will be running for 24x7)	2	55000	33000
5	Electronic weighing balance	1	1000	600
6	Portable Genset (2.5 Kilo Watt) or any other back up within project cost	1	90000	54000
A	**Capital Cost Total**		**450000**	**270000**
B	**Operational Cost per crop**			
1	Water Management(water pumping, probiotics, aeration etc)	Lumpsum	30000	18000
2	Fish fingerling (25gm) including packing andtransportation (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)	4800nos@ Rs.5.00	24000	14400
3	Formulated feed (24-30 % crude protein & 3% fat)	2400kg@ Rs.36/kg	86400	51840
4	Miscellaneous	Lumpsum	9600	5760
B	**Operational Cost Total**		**150000**	**90000**
C	**GRAND TOTAL(A+B)**		**600000**	**360000**

i. Financial assistance @ 60% of the Unit Cost shall be followed.

ii. The WSHG shall construct the Bio-floc unit as per the minimum design and specification shown in the table-3 and **Annexure-III**. However, the WSHG shall make the bio-floc tanks of higher dimension, higher specification with concrete/ RCCstructure etc. However, the financial assistance will be limited as shown in the table above.

iii. Under this model, if the WSHG desires he/ she may construct tank with minimum 90 cubic meter tank capacity.

Annexure I

Office of the DSWO

Model Advertisement for inviting Expression of Interest for Animal Husbandry/ Fisheries Schemes 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 _____ towards '.....' 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 the 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 Savings (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. Mobile No: _____
11. Resolution of the SHG to take up the activity is enclosed.(Yes/No):

Name & Signature of authorized Person of SHG
Date:

Acknowledgement

Received the expression of Interest from _____ SHG, Village _____ on date _____ for the scheme titled '.....'

Signature of the
CDPO/ Authorized Signatory

Date:

Annexure-I A

Check List of documents attached with Application form

1. Filled in Application form by WSHG
2. Photocopy of Aadhar card of WSHG member
3. Photocopy of Record of Right(RoR) of proposed land for development
4. Photocopy of sketchmap of proposed land certified by Revenue official
5. Photo copy of lease agreement (The suitable land of any member may be selected for the project with resolution by WSHG followed by lease agreement sworn before the Executive Magistrate for a minimum period of 3 years)
6. Photocopy of 1st page of bank passbook

Annexure – II

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

Name of the SHG	Name of the Block	Name of the GP	Name of Village	Date of formation	Bank Name	Branch Name	Bank account Number	Amount of Savings in Rs.	Wheather loan taken (Yes or No)	Mode of Loan Repayment (Regular/Irregular)	Mantaining Meeting Register (Yes/No)	Cash Book Mantained (Yes/no)	Wheather the SHG has undergone Training at KVK or by FARD Deptt. On correspondi ng livelihood activitiy (Yes/No)	Wheather the SHG has been allotted with GP Tanks and not covered so far (in case of Fisheries project) (Yes/No)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Block Project coordinator

Block Project manager

Block Veterinary Officer/ Officer

Child development Project Officer

Block Development Officer

Assistant Fisheries Officer

Annexure – III

Feasibility Report by Block Level Inspection Team

We do hereby certify that the following WSGHs 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**

SFTA / JFTA

Block Project Coordinator Mission Shakti

AFO

Annexure-IV

GO-AHEAD LETTER

DISTRICT FISHERIES OFFICER.....

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

To,

.....

.....

.....

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

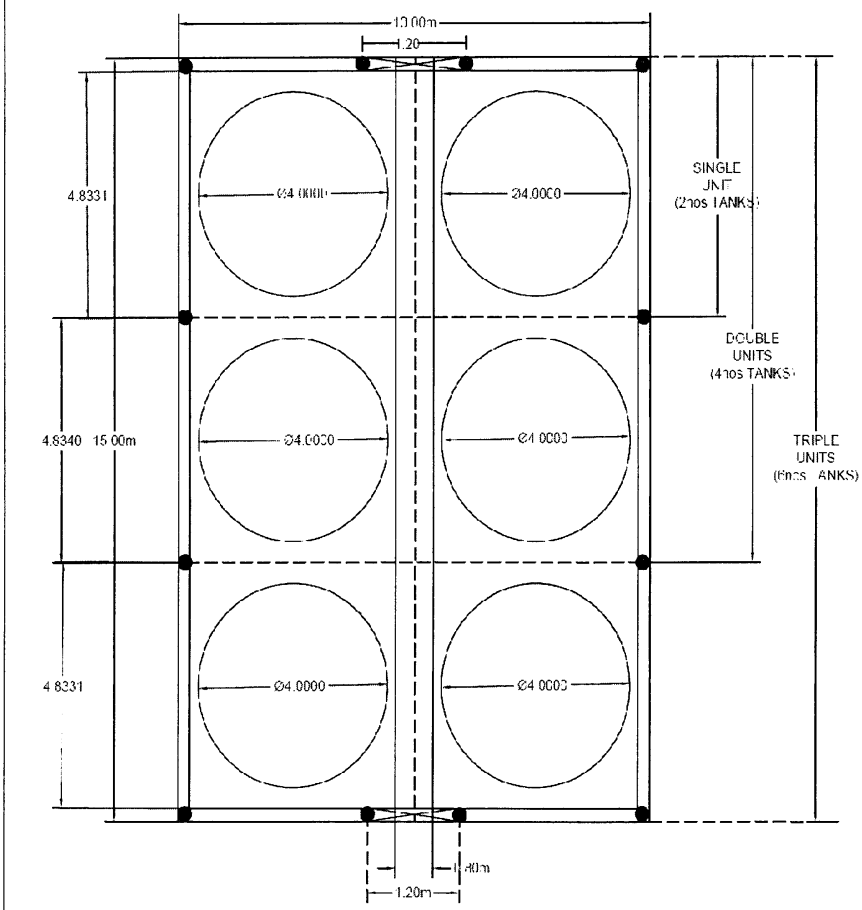
Sir/Madam,

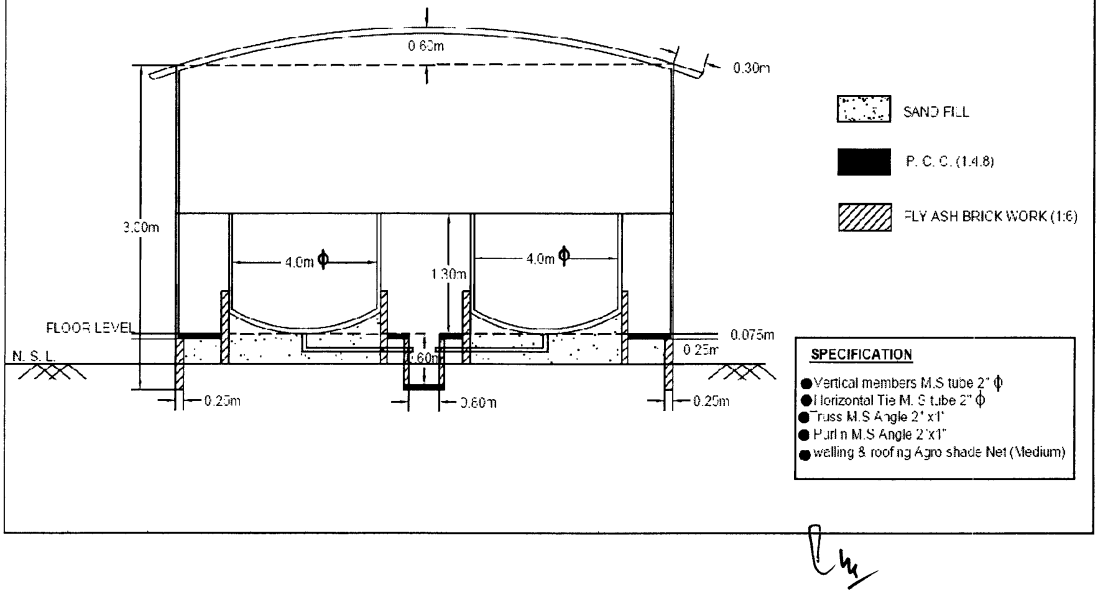
With reference to the subject cited above, Go Ahead letter is issued for installation of Bio-floc tanks under MMKY- Promotion of Intensive Aquaculture through Bio-floc Technology by WSHGs for the year.....

No of Bio-floc tanks: **.....Nos.**
Project Cost: **Rs.....Lakh**
Subsidy admissible: **Rs.....Lakh**

Signature of DFO

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





SPECIFICATION

- Vertical members M.S tube 2" Φ
- Horizontal Tie M. S tube 2" Φ
- Truss M.S Angle 2"x1"
- Purlin M.S Angle 2"x1"
- welling & roofing Agro shade Net (Medium)

Annexure-V

UTILISATION CERTIFICATE

I have physically verified the Bio-floc unit of WSHG. _____ Village _____ Block _____ and satisfied that the unit is developed with approximate cost Rs _____ is a new unit with _____ nos. of tanks having total volume _____cubic meter under the scheme "MMKY-Promotion of intensive aquaculture through Bio-floc technology by WSHG". Therefore, I recommend the DFO to release the admissible subsidy.

Place:
Date:

Signature of the AFO

Annexure-VI

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 WSHGs (Rs.)	No. of WSHGs completed the Installation of Bio-floc Units and verified by the AFO	No. of WSHGs who received Assistance	Amount of Assistance Disbursed to WSHGs (Rs.)

District Fisheries Officer