

## **1. Construction of new Grow-out Ponds**

West Bengal is a state where almost 90% of its habitants consume fish as a source of protein rich food at the same time the neighbouring states and NE states of India considerably depend on fish supplied from west Bengal. Existing water bodies like Reservoirs & lakes, rivers, ponds & tanks, network of canals etc. are being harnessed through different governmental schemes. Current fish production of the state is 17.95 lakh MT in 2020-21 which is not sufficient to cope up with its increasing demand in the state. Marine fish production has its limitations and therefore, horizontal expansion of aquaculture is imperative to meet the ever-growing demand of fish in the State. Increase of fish production through pisciculture in new grow out pond is the best alternative.

- Under the proposal, various size of ponds ranging from 0.1hectare to1 hectare (preferably) will be constructed based on the available area of the beneficiary which might be an owned or leased out land.

### **Name of Scheme**

**“Construction of New Grow-out ponds”**- Beneficiary Oriented - Enhancement of production and Productivity Component.

### **Name of the Component**

Construction of grow-out ponds.

### **Project Location**

Different districts in the State of WB as detailed in Fund Requirement Table.

### **Objectives**

To bring underutilized vast fellow inundated land area under aquaculture by constructing ponds/tanks

- Enhance fish production & productivity
- Livelihood & Employment generation.
- Ensuring Nutritional Security.

### **Eligible Beneficiary**

After due advertisement, the application shall be screened by the district level committee as per the guidelines issued by Department of Fisheries, Govt. of West Bengal

### **Justification of the Scheme**

This scheme will contribute in horizontal expansion of crop area which will lead to increased production & productivity of fish. And thus, increased per capita income, generation of livelihood and employment will be achieved.

### **Selection procedure of beneficiary**

At the district level, notified committee shall screen the proposals submitted.

### **Implementation of Plan**

The proposed Construction of Grow-Out Ponds is a beneficiary-oriented scheme. After the due approval of schemes by the Government, the schemes will be implemented through District Fisheries Officers by the beneficiary under the technical guidance of Block Fishery Extension Officers (FEO).

### **Benefits from Implementation of Plan**

Following benefits after implementation of plan:

- Horizontal expansion of crop area.
- Increased production & productivity of fish.
- Increased per capita income
- Availability of fish (Nutritional security).
- Eco friendly: Ground water/Aquifer recharged
- Additional gainful livelihood and employment

### **Government Assistance**

The total admissible Government Share against the scheme will be limited to:

- 40% of the project cost for general category beneficiaries and
- 60% of the project cost for weaker sections like Scheduled Castes (SCs), Scheduled Tribes (STs) and women.

Beneficiary contribution can either be self-financed or bank loan or both.

### **Eligible Beneficiary**

All Fishers, Fish farmers, Fish workers and Fish vendors, Fisheries Development corporations, Self Help Groups (SHGs)/Joint Liability Groups (JLGs) in fisheries sector, Fisheries cooperatives, Entrepreneurs and private firms, Fish Farmers Producer Organizations/Companies (FFPO), SCs/STs/Women/Differently abled persons

### **Sources of Finance:**

The estimated project cost of "Construction of grow-out ponds" has been worked to Rs. 7 lacs as per Governmental guidelines.

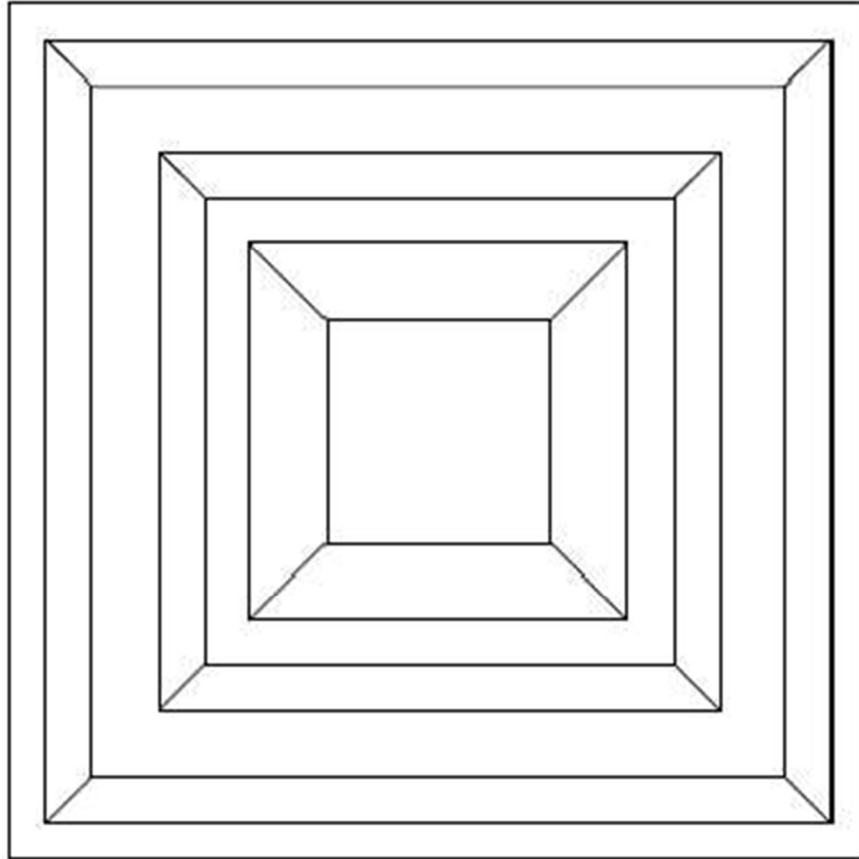
### Time line for Project Implementation

Activity	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
Submitting DPR												
Approval of DPR												
Beneficiary selection and approval												
Purchase of unit												
Physical verification												
Release of subsidy												
Assessment and evaluation												

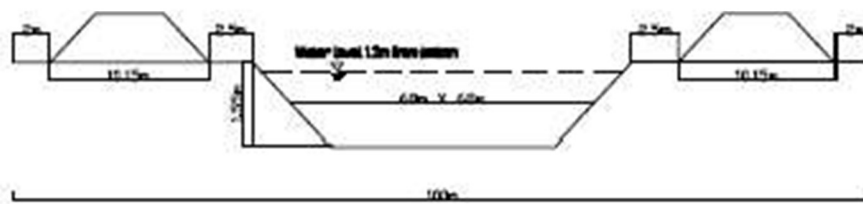
### Estimate for Construction of "One hectare grow-out pond" Detailed Estimates of Capital Cost (Rs 7 Lakh /Unit)

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
1	Excavation in ordinary soil / mixed soil i.e. clay mixed with moorum, kankar, pebbles/silt dry or moist / slushy silt/sticky soil for WDS / WHS / RESERVOIR / SFMIS etc with hydraulic excavator or any other means including cutting and loading in tippers, trimming bottom and sides slopes in accordance with requirements of lines, grades and cross section and transporting to embankment / disposal site with in all lifts and lead upto 1000m including spreading, levelling disposed spoils at disposed area. (mode of measurement : pre work and post work) 01x 68 x 68 x 1.550= 7167.20 Cum (Ref: WRIDD Schedule of rates corrigenda published on 04.08.2021)	7167.20	M3	85.00	609,212.00
2	Dressing and chilchalling flanks or slope of embankment including filling with earth or cutting upto 150 mm. average thickness and ramming properly after sprinkling water. (2x96x10.15)+(2x71x10.15) = 3390.1SqM	3390.10	SqM	12.20	41,359.22
3	Display board other expenditure		L.S.		9,000.00
				Total estimated cost	= 659,571.22
				ADD GST (5%) on estimated cost	= 32,978.56
				Sub Total	= 692,549.78
				ADD Labour Cess (1%) on sub total	= 6,925.50
				Total including GST Cess and Contingency	= 699,475.28
				Say	= 700,000.00
Rupees Seven Lac Only					
<p><b>Note: This is model estimate as per existing PWD schedule of rate. The estimate may vary depending upon the prevailing rate of PWD schedule as per change of District and the time of execution of work and. Considering these facts the estimate may be modified within the allotted amount.</b></p>					

## Design of Grow-Out pond



PLAN (Not to scale)



C/S of Pond (Not to scale)