



# **PROJECT PROPOSAL ON FISHERY SECTOR**

**PROPOSED BY**

**Rathindra Krishi Vigyan Kendra**

**Palli Siksha Bhavana**

**Visva-Bharati**

**Sriniketan, P. O. – Sriniketan,**

**Dist. - Birbhum, Pin. - 731236**

**West Bengal**

**8<sup>th</sup>. June, 2016**

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## **Background Information for the Fishery Project for Birbhum District**

### **Fish Seed Production in the District of Birbhum during 2010-11**

174.00 million Numbers.

### **Fish Production in the District of Birbhum during 2010-11**

65045.00 tons

### **Fisher Folk Population in the District of Birbhum in 2010-11**

- a) Number of fishing Villages :- 483
- b) Number of Fisher Folk Families:- 37162
- c) Fisher Folk Population: - i. Male: - 113526; ii. Female: - 87221 and iii. Total:- 200747

### **Number of Privately owned IMC Hatcheries in the District of Birbhum in 2010-11**

07 (Seven)

### **Numbers of Primary Fishermen's Cooperative Societies in the District of Birbhum in 2010-11**

10 (Ten)

Source: - Annual Report 2010-11, Department of Fisheries, Govt. of West Bengal.

### **DISTRICT PROFILE IN RESPECT OF FISHERIES SECTOR IN BIRBHUM DISTRICT**

<b>A) FISHERY RESOURCES IN BIRBHUM</b>	<b>B) DEMAND &amp; PRODUCTION OF FISH SEED &amp; TABLE FISH</b>
Total tanks- 21376.87 ha.	Total annual demand of table fish -65537.12M.T
Vested (whole)-817.32 ha.	Total annual production of table fish-63385.60 M.T.
Vested (Partial)-425.04 ha.	Total annual demand of fish seed-
Private ownership-20134.51 ha.	Spawn-450.86 Million
Culturable -14833.80 ha.	Fry-197.52 Million
Semi-derelict-4798.09 ha.	Fingerlings-137.07 Million
Derelict-1744.98 ha.	Total annual production of fish seed-
Beel & Baor-632.16 ha.	Spawn-335.32Million
Reservoir-9416.53 ha.	Fry-198.03 Million
River-795.63 ha.	Fingerling-127.09 Million

Canal – 5696.85 ha.	
Total fishermen -200747 nos.	
Total Fishermen Families- 49751 nos.	
Fishermen Co-operative Society - 40 ( Functioning - 14 nos.)	
Central fishermen Co-operative Society-1	
Fish seed hatchery – 13 nos. (11 nos. Reg.)	

**Source:-** Office of the Assistant Director of Fisheries, Birbhum and Office of the Chief Executive Officer, Fish Farmers Development Agency, 2014 – 15.

**Internet Source:** - [birbhum.gov.in/FISHERY/fishery.htm](http://birbhum.gov.in/FISHERY/fishery.htm)

**N. B.:-** This district has 13 (thirteen) nos. of private I.M.C. Hatcheries. They are producing spawn and supply the same to the fish farmers or the local areas. Yet there are crisis of spawn. The demand of fish seed is growing gradually in the District of Birbhum. **About 74.37% demand of Spawns is met up through local Hatchery and 25.63% spawns are brought from other District and States. Regarding fingerlings, there is a demand and supply of 07.29 % gap. So, more numbers of organized composite Hatcheries are the need of the hour. This is the main reason behind the proposal of the Rathindra KVK for renovation and excavation of the Nursery and Stocking Ponds in the Rathindra KVK Campus mainly for supplying quality fish spawns and fingerlings to the fisher men and women of Birbhum District.**

Fish farmers of the district urgently need training on improved methodology and conducting scientific fish culture in their ponds owned or leased. So the Rathindra KVK proposes to conduct 3 (three) long duration, residential, skill development Training Programmes of 10 (ten) days duration each with 20 (twenty) Trainees from practicing fish farmers and rural youths category in each course on **Scientific Fish Farming.**

## I. Project Proposal on Training of Practicing Farmers and Rural Youths for Scientific Fish Farming

The Rathindra Krishi Vigyan Kendra is going to organize 3 (three) long duration, residential, skill development Training Programmes of 10 (ten) days duration each with 20 (twenty) Trainees from practicing fish farmers and rural youths category in each course. The total expenditure for conducting 3 Training Programmes will be Rs. 4,92,750.00 (Rupees Four lakhs ninety two thousands seventy five). The detailed break-up of the proposed expenditure is given hereunder.

Sl. No.	Venue of the Training Programme	Particulars	Rate	Expenditure
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	A. Expenditure for foods (Morning Tea + Break Fast + Lunch + Evening Tea + Tiffin + Dinner) of the Trainees	Rs. 250.00 / Day / Trainee	Rs. 1,50,000.00
		B. Expenditure for Accommodation of the Trainees	Rs. 100.00 / Day / Trainee	Rs. 60,000.00
		C. Travelling Allowances for Trainees	Rs. 500.00 / Trainee for a Single training Course	Rs. 30,000.00
		D. Honorarium for Resource Person	Rs. 1,250 / Person / Training	Rs. 3,750.00
		E. Travelling Allowance for Resource Person	Rs. 3,000.00 / Person / Training	Rs. 9,000.00
		F. Identification and Mobilization of the Trainees and POL	Rs. 200.00 / Trainee / Day	Rs. 1,20,000.00
		G. Extension Literatures, Training Materials etc.	Rs. 100.00 / Trainee / Day	Rs. 60,000.00
		H. Miscllenaneous Expenditure	Rs. 1,000.00 / Trainee / Training	Rs. 60,000.00
		<b>Total</b>		

## II. Project Proposal for Renovation and Reconstruction of Nursery Ponds

The nursery pond at the Rathindra Krishi Vigyan Kendra Campus will be renovated and reconstructed. The total cost of renovation and reconstruction will be Rs. 8,60,498.40 (Rupees Eight lakhs Sixty thousands Four Hundred ninety eight and Paise Forty). The detailed break-up of the proposed expenditure is given hereunder.

Sl. No.	Location of the Nursery Pond	Particulars	Quantity	Rate	Expenditure
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	<b>A. Estimate for digging Nursery Pond (Pond size - 54.86 m X 24.38 m. X 01.50 m.)</b>	54.86 m X 24.38 m. X 01.50 m. = 2,006.23 cu m.	Rs. 8,000.00 / 100 cu m.	Rs. 1,60,498.40
		<b>i. Description of Work –</b> Earthwork in excavation of foundation trenches or drains in all sort of soil (including mixed soil but excluding lateritic and sand stone), including removing, spreading and stacking of the spoils within a lead of 75 metres. The Work includes trimming the sides or trenches, levelling, dressing and ramming the bottom, bailing out the water etc. as required.  <b>Depth of excavation not exceeding 1.5 m.</b>			
		<b>* B. Estimate for a perennial water Source -</b>			
		i. A 3 HP Submersible Pump	1	Rs. 35,000.00	Rs. 35,000.00
		ii. Boring and Installation of Pump with all Accessories complete			Rs. 6,65,000.00
		<b>Total</b>			<b>Rs. 8,60,498.40</b>

\* As the Rathindra KVK is in the drier tracts of the State of West Bengal in a red lateritic situation, a perennial and assured water source is of utmost importance.

### III. Project Proposal for Excavation of Stocking Pond for Brooder Fish

A Stocking pond for the brooder fish at the Rathindra Krishi Vigyan Kendra Campus will be excavated. The total cost of excavation will be Rs. 2,67,356.00 (Rupees Two lakhs sixty seven thousands three hundred fifty six). The detailed break-up of the proposed expenditure is given hereunder.

Sl. No.	Location of the Stocking Pond	Particulars	Quantity	Rate	Expenditure
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	<p><b>A. Estimate for digging Brooder Stocking Pond (Pond size - 60.94 X 36.56 X 1.50 m)</b></p> <p><b>i. Description of Work –</b> Earthwork in excavation of foundation trenches or drains in all sort of soil (including mixed soil but excluding lateritic and sand stone), including removing, spreading and stacking of the spoils within a lead of 75 metres. The Work includes trimming the sides or trenches, levelling, dressing and ramming the bottom, bailing out the water etc. as required.</p> <p><b>Depth of excavation not exceeding 1.5 m.</b></p>	60.94 m. X 36.56 m. X 01.50 m. = 3,341.95 cu m.	Rs. 8,000.00 / 100 cu m.	Rs. 2,67,356.00
		<b>Total</b>			<b>Rs. 2,67,356.00</b>