



**GOVERNMENT OF ORISSA**

**DEPARTMENT OF AGRICULTURE**

**PROJECT PROPOSAL FOR DEVELOPMENT OF  
COCONUT NURSERY ,JALESWARPUR, BHOGARAI**

**Submitted By:  
Deputy Director of Horticulture,  
Balasore**

**Through  
Director of Horticulture,  
Odisha, Bhubaneswar**

## PROJECT SUMMARY

Name of the Project	: Development of Coconut Nursery, Jaleswarpur, Bhogarai
Name and address of the executants	: <b>Deputy Director of Horticulture, Balasore</b>
Proposed Work	: 1) Construction of masonry compound wall  2) Construction of Godown-cum-watcher shed (60ft. x 12ft)  3) Construction of C.C. Road (width 4 mt x Height 0.3 Mt.) (Sand,CC 1:4:8,C.C(1:2:4)  4) Digging of Deep Tube well  5) Poly House (Tubular Structure ) with development of plants  6) Land development & bed Preparation
Proposed Site	: Coconut Nursery, Jaleswarpur, Bhogarai
Source of fund	: Rastriya Krishi Vikash Yojana
Year of Execution	: 2016-17
Total Project cost	: Rs. <b>63.57 lakhs</b>

### 1. Introduction

In Pre-Independent India Horticulture was almost a pleasantry of elite-Society. After independence it has emerged as the Core-sector in Agriculture of -Late it has transformed as a credible sector for productivity, employment generation & export-promotion. Domestic-demand coupled with the Overseas-market has augmented the growing economic importance of horticultural crops especially fruits, vegetables & flowers. The domain of domestic-demand is influenced by the boom in income; Population-growth, Changing Consumption-Pattern & growing awareness for better-nutrition.

Currently Horticulture-sector has emerged as a Potential- player in the National-economy, contributing 30% to G.D.P in Agriculture as well as a means of diversification in overall development of Agriculture. The contribution of Agriculture to NSDP in Odisha has declined significantly from 67% in 1951 to around 28% in 2005, whereas the workforce engaged in agriculture has remained relatively unchanged (57%). Horticulture has brought improvement in the economic-standard of general-farmers. Availability of fruits as seasonal-produce has been transformed as year-round-produce, with visible impact of increased per-capita consumption of fruits & vegetables. Due to its typical characteristics, Horticulture-sector has been playing a significant-role in woman-empowerment & employment-opportunity through cultivation of different Horticultural crops.

The National goal for achieving 4% growth in Agriculture can be achieved though the major contribution in growth from horticulture. Quality planting material (QPM) is the key input for successful Crop-production, both in terms of quality & quantity. To translate that challenge into achievement, huge quantity of QPM are on high demands of requirement. To meet such high-demands; production of QPM in an assured & reliable mode need to be planned in the arena of Public-sector in particular.. On development of the existing infrastructure of Coconut Nursery, Jaleswarpur, Bhogarai ,the produce in shape of Crop-production & QPM production could be augmented profitably & objectively.

## **2. Aim and Objective**

The proposal for Development of Coconut Nursery, Jaleswarpur, Bhogarai is with following objectives.

- i. To develop the Farm as a center of model Horticultural activities in the district.
- ii. To disseminate advanced technologies up to the door step of farmers of the district.
- iii. To create new avenues for QPM production of different fruit plants, hybrid vegetables and flower seedlings as per requirement of the public.
- iv. To enhance the capacity building and skill development of the farmers and entrepreneurs.
- v. To make the farm profitable through farm-produce and production of QPM
- vi. To create a congenial-atmosphere for discharge of diligent-duty.

### **3. Feasibility of the Project & Basic Information**

The project is feasible as activities is taken up in the Govt. Horticulture Farm and is located in front of the Block office , Bhogarai .

The Farm is under the administrative-control of Deputy Director of Horticulture, Balasore since 1993 stretching over an area of 2.69 Hectare with present position over about 2.69 Hectare. The category of land was found to be as Bagayat. The Tahasildar , Bhogarai has been moved for conversion and alienation of the entire land of 2.69 Hectare. The Farm has ample scope for increasing the produce capacity with additional planted area & enhancement of other activities.

#### **Existing-status of the Offices:**

##### **i) Existing Infrastructure**

(b) Total area :- 2.69 Hectare.

(c) Plantation area :- 2.2 Hectare.

(d) Details of Mother Plants.

Age

- |      |                           |          |           |
|------|---------------------------|----------|-----------|
| (i)  | Coconut(Eastcoast tall) – | 160 nos. | - 43 yrs. |
| (ii) | Cashew(V-4) –             | 40 nos.  | - 12 yrs  |

##### **ii) Existing Infrastructure of the Farm:**

- |      |                                       |   |      |
|------|---------------------------------------|---|------|
| i)   | Shade net house                       | – | Nil  |
| ii)  | Poly House                            | - | Nil  |
| iii) | 10HP electric motor for river lifting | – | 1 No |

### **4. Competency and Sustainability**

The farm is under the control of Dy. Director of Horticulture, Balasore and is maintained by efficient skilled manpower. The revenue generated by selling the quality planting materials (QPM) is utilized for making the farm sustainable. The farm after development can be managed with existing manpower.

**Staff Position:** Horticulture Overseer 1 No  
HEW : 2 Nos.

## 5. Sector & Sub-Sectors:

Horticulture - Infrastructure and Assets stream of RKVY

## 6. Anticipated Benefit

The QPM production will increase in double under fruit crops and 2 lakhs of hybrid vegetable seedlings will be produced annually which will generate revenue. It will also act as a training center to provide technical knowledge to the farmers and entrepreneurs to grow vegetables and fruit crops in scientific manner. Around 5,00,000 Papaya & 3,00,000 Drumstick seedling will be raised annually. Apart from this 1 lakh of Marigold cuttings will be raised. The revenue receipt would be increased 30% per Annum.

## 7. A) Out Put of the Project

The following works will be done for improvement of the farm.

SI No.	Items	Unit	Qty.
1	Construction of masonry compound wall	Rmt	500
2	Construction of Godown –cum- watcher shed (60ft. x 12ft)	Sqft.	720
3	Construction of C.C. Road (width 4 mt x Height 0.3 Mt.) (Sand,CC 1:4:8,C.C(1:2:4)	Rmt.	120
4	Digging of Deep Tube well	Nos	1
5	Poly House (Tubular Structure ) with development of plants	Sqm.	1000
6	Land development & bed Preparation	.....	L/S

## B) Out Come of the Project

- The quality planting materials production will increase. The farmers of nearby areas can able to get good quality vegetable seedlings as well as fruit planting materials.
- It will act as demonstration center for the farmers.

## 8. PROPOSED DEVELOPMENT ACTIVITIES: COCONUT NURSERY,

Jaleswarpur , Bhogarai

SI No.	Items	Unit	Qty.	Rate(Rs)	Total Cost in Lakhs
1	Construction of masonry compound wall	Rmt	500	6200	31.00
2	Construction of Godown –cum- watcher shed (60ft. x 12ft)	Sqft.	720	1350	9.72
3	Construction of C.C. Road (width 4 mt x Height 0.3 Mt.) (Sand,CC 1:4:8,C.C(1:2:4)	Rmt.	120	8750	10.50
4	Digging of Deep Tube well	Nos	1	1.50	1.50
5	Poly House (Tubular Structure ) with development of plants	Sqm.	1000	935	9.35
6	Land development & bed Preparation			L/S	1.5
<b>TOTAL :</b>					<b>63.57</b>

**(Rupees Sixty three lakhs fifty seven thousand ) Only.**

*The detailed estimate is enclosed at Annexure – I*

## 9. TIME LINE:

SI No.	Items	Unit	Year wise amount to be spent				Total Cost in Lakhs
			2015-16		2016-17		
			Unit	Amount	Unit	Amount	
1	Construction of masonry compound wall				Rmt	6200	31.00
2	Construction of Godown –cum- watcher shed (60ft. x 12ft)				Sqft.	1350	9.72
3	Construction of C.C. Road (width 4 mt x Height 0.3 Mt.) (Sand,CC 1:4:8,C.C(1:2:4)				Rmt.	8750	10.50
4	Digging of Deep Tube well				Nos	1.50	1.50
5	Poly House (Tubular Structure ) with development of plants				Sqm.	935	9.35
6	Land development & bed Preparation					L/S	1.5
<b>TOTAL :</b>							<b>63.57</b>

**(Rupees Sixty three lakhs fifty seven thousand ) Only.**

## 10. Project Co-ordinator details

	Name	Designation	Mobile No.	Email
<b>State Level</b>	Dr. Bhagyarathi Pradhan	Dy. Director of Horticulture (Hq.)	9437421475	ahorkvy@orihot.in
<b>Field Level</b>	Om Prakash Rath	Dy. Director of Horticulture	9437196581	ddhbalasore@yahoo.com

## 11. Check list

- (a) Funds available under other schemes of the State / Govt. of India for the proposed projects have been accessed and utilized before it is proposed under RKVY.
- (b) There will be no duplication or overlapping of assistance / area coverage through other State / Central Govt. Schemes.
- © The funds under the project is not proposed as additional or top-up subsidy to other ongoing schemes/programmes of State / Central Govt. DPRs includes contingency.

**Asst. Horticulture Officer**  
**Bhogarai**

**Asst. Agril. Engineer**  
**Balasore**

**Dy. Director of Horticulture**  
**Balasore**