



**GOVERNMENT OF ORISSA**

**DEPARTMENT OF AGRICULTURE**

**PROJECT PROPOSAL FOR DEVELOPMENT OF  
FRUIT NURSERY BALIA , BALASORE**

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

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

## PROJECT SUMMARY

Name of the Project : Development of Fruit Nursery , Balia , Balasore

Name and address of the executants : **Deputy Director of Horticulture, Balasore**

Proposed Work : 1) Construction of masonry compound wall  
2) Construction of Godown (60 ft. x 12 ft.)  
3) Construction of Murom Road (width 4 Mtx Height 0.3Mt) (San, Morum ) with brick masonry drain .  
4 ) Installation of 25 KVA Transformer

Proposed Site : Fruit Nursery , Balia , Balasore

Source of fund : Rastriya Krishi Vikash Yojana

Year of Execution : 2016-17

Total Project cost : Rs. **110.70 Lakh**

## 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 Fruit Nursery, Balia the produce in shape of Crop-production & QPM production could be augmented profitably & objectively.

## 2. Aim and Objective

The proposal for Development of Fruit Nursery , Balia , Balasore 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 adjacent to the N.H.-5 , Near Remuna Gole .

The Farm is under the administrative-control of Deputy Director of Horticulture, Balasore since 1993 stretching over an area of 11.96 Hectare with present position over about 11.96 Hectare. The category of land was found to be as Bagayat . The Tahasildar , Remuna has been moved for conversion and alienation of the entire land of 11.96 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 - 11.96 Hectare.

(c) Plantation area - 11.68 Hectare.

(d) Details of Mother Plants.

		Age
(i)	Mango(Local )- 30 nos.	- 32 yrs.
(ii)	Mango(Elite )- 379 nos.	- 32 yrs.
(iii)	Litchi(Muzafferpur) - 20 nos.	- 32 yrs.
(iv)	Sapota(Cricketball) - 84 nos.	- 32 yrs.
(v)	Guava(Allahabadsafed)-30 nos.	- 32 yrs.
(vi)	Coconut(East-coast tall)- 48 nos.	- 32 yrs.
(vii)	Cashew (V - 4)- 39 nos.	- 32 yrs

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

i) Shade net house – 1840 Sqmt . – 1 No.

- ii) Poly House - 1760 Sqmt. - 1 No.
- iii) 10HP electric motor for river lifting - Nil

#### 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  
Gardener : 1 No

#### 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 5 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 20,000 Papaya & 10,000 Drumstick seedling will be raised annually. Apart from this 5 lakhs 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.

Sl No.	Items	Unit	Qty.
1	Construction of masonry compound wall	Rmt	2200
2	Construction of Godown (60 ft. x 12 ft.) .	Sqft	720
3	Construction of Murom Road (width 4 Mtx Height 0.3Mt) (San, Morum ) with brick masonry drain .	Rmt	250
4	Installation of 25 KVA Transformer	No	1

#### 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: FRUIT NURSERY, BALIA, BALASORE

SI No.	Items	Unit	Qty.	Rate(Rs)	Total Cost in Lakhs
1	Construction of masonry compound wall	Rmt	2200	4090	89.98
2	Construction of Godown (60 ft. x 12 ft.) .	Sqft	720	1350	9.72
3	Construction of Murom Road (width 4 Mtx Height 0.3Mt) (San, Morum ) with brick masonry drain .	Rmt	250	2800	7.00
4	Installation of 25 KVA Transformer	No	1	4,00,000	4.00
			<b>TOTAL :</b>		<b>110.70</b>

**(Rupees One Crore Ten Lakhs and seventy 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	4090	89.98
2	Construction of Godown (60 ft. x 12 ft.) .				Sqft	1350	9.72
3	Construction of Murom Road (width 4 Mtx Height 0.3Mt) (San, Morum ) with brick masonry drain .				Rmt	2800	7.00
4	Installation of 25 KVA Transformer				No	4,00,000	4.00
							<b>110.70</b>

**(Rupees One Crore Ten Lakhs and seventy 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.
- c. 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  
Balasore**

**Asst. Agril. Engineer  
Balasore**

**Dy. Director of Horticulture  
Balasore**