

RKVY PROJECT
PROPOSAL FOR
THE YEAR 2017-18

Submitted by:-

Asst. Director of Horticulture, Bargarh

PROJECT PROPOSAL AT A GLANCE
(Executive Summary)

NAME OF THE PROJECT	RENOVATION OF T.N. PIPALMUNDA
ROPOSED WORK	RENOVATION OF T.N. PIPALMUNDA
PROJECT AREA	T.N. PIPALMUNDA, BHATLI
PROJECT DURATION	1 YEAR
SOURCE OF THE FUND	RASTRIYA KRUSHI VIKAS YOJNA
PROJECT COST	RS 57,06,000/-
EXECUTING AGENCY	ASSISTANT DIRECTOR OF HORTICULTURE, BARGARH

RKVY PROJECT PROPOSAL FOR DEVELOPMENT OF BAHTLI BLOCKTRANSIT NURSERY PIPALMUNDA IN BARGARH SUBDIVISION

CONTEXT/BACKGROUND

As per administrative set ups are implicated, Bargarh is the headquarters of the District. There are two sub divisions in the District, Bargarh and Padampur. Total number of Tahasils is 12 viz. Attabita, Bargarh, Barpali, Bhatli, Bheden, Padampur, Paikmal, Sohella, Bijepur and Gaisilet.

There are 12 CD Blocks in the Bargarh District viz. Ambabhona, Attabira, Bargarh, Barpali, Bhatli, Bheden, Bijepur, Gaisilet, Jharbandh, Padampur, Paikmal and Sohella. Bargarh Municipality is the one Municipality in the District and 3 N.A.Cs are Barpali, Padampur and Attabira. There are total 248 Gram Panchayats and 1208 Revenue villages in the District.

The Bargarh District experiences extreme type of climate with hot and dry summer followed by humid monsoon and chilling winter. The temperature varies between 10 degree Celsius to 46 degree Celsius. The winter season lasts between November to February. The hot season follows thereafter and continues till the second week of June. The south-west monsoon season is from mid June to the end of September. The average annual rainfall in the District is 1527 mm.

Agriculture acts as the backbone of the economy of the Bargarh District. Most of the indigenous inhabitants in Bargarh District mainly practice crop cultivation. Because of the presence of natural drainage facilities, the District plain supports the growth of large agricultural products and is free from insects and pests.

This is only one transit nursery in Bhatli block. many of area as are subject to drought conditions and having dry & hot climate .

So, for the development of horti. Farmers ,this Pipalmunda Transit Nurseryin the Bhatli block should be developed so that farmers can get good planting material .

Present crop:-

1.Mango mother plant(5 Yr.): -125 nos.(Ver.-Amrapali,Mallicka,Dasheri,Nilam)

Present infrastructure available :-

- 1.Watch man shade=1 no.
- 2.Deep bore well :-1 nos.

PROBLEMS

1. No Permanent Boundry - Barbed wire fencing is present.
2. SHEDNET HOUSE-new shade net house required (1000 Sqm.)
3. POLY HOUSE--new Polyhouse required (500 Sqm.) .
4. Go-down(20tt*15ft) RCC Roofing working shed required.
5. Soil filling of low laying area nursery(4000 sqmt)required.
6. Construction of permanent seed bed is required.
7. Required Mulching (Mango mother plant- 1.5 ha).
8. DripGate with concrete Column and approach row
9. irrigation- 1.5 ha required.
10. Hume pipe (NP3, R.C.C) culvert

AIMS AND OBJECTIVE

Present & Future Programme for OPM production Pipalmunda T/N

<u>QPM</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Mango Graft	15000	18000	22000	25000
Papaya(Seedling)	5000	6000	8000	8000
D.Stick(Seedling)	5000	6000	8000	8000
Other Veg .(Seedling)	30000	40000	55000	65000
Marigold(Seedling)	40000	50000	50000	60000

Strategy

For development of Pipalmunnda Tr. Nursery, the following activities can be taken up to meet the requirement of the horti farmers in phased manners

1. DEVELOPMENT OF Boundary Wall 575 rmt(with column).
2. Construction of new Poly House 500 sqm.
3. Construction of new Shadenet House 1000 Sqm.
4. Mulching (Mango mother plant) 1.5 Ha.
5. Drip irrigation-1.5 ha
6. Construction of permanent seed bed
7. Soil filling of low laying area nursery.(4000 sqmt)
8. Go-down(20tt*15ft) RCC Roofing working shed.
9. Gate with concrete Column and approach row
10. Hume pipe (NP3, R.C.C) culvert

TARGET BENEFICIARY

It is targeted that many of the Bargarh sub division Horti. Farmers are depending on this Govt. Nursery only. Hence,It should be developed in phased manner to meet needs of all Horti. Farms of the Bargarh sub division particularly to get good planting materials inthis sub-division.

FINANCE: The above project may be financed through RKVY:

1. Boundary Wall 710 rmt(with column)Total cost @5217/rmt=37,04,070/-
2. Poly House 500 sqm. @ 1060/per Sq mtr=5,30,000/-
3. Shadenet House 1000 @ 710/- Per Sqm.=7,10,000/-
4. Mulching (Mango mother plant) 1.5 Ha.=40,000/-
5. Drip irrigation-1.5 ha= 60,000/-
6. Soil filling of low laying area nursery.(4000 sqmt) = 40,000/-
7. Go-down(20tt*15ft) RCC Roofing working shed.=4,00,000/-
8. permanent seed bed= 50,000/-
9. Gate with concrete Column and approach row= 71930/-
10. Hume pipe (NP3, R.C.C) culvert= 1,00,000/-

TOTAL=57,06,000 /-

Time frame:

All projects as abovesould be completed within one year on receipt of allotment .

Cost benefit analysis:

As it is a GovtNursery and being to be used for production of quality planting materials,is one of the oldest & revenue generating T.N Nursurey of Dept. of Horticulture under the jurisdiction of Assistant Director of Horticulture, Bargarh and to be used in future absolutely for required nos of QPMs,it will provide a long term benefits to the horti farmers of Bargarh Sub-Division(6 Blocks).

Year wise Income

Name of the QPM	<u>2017-18</u>		<u>2018-19</u>		<u>2019-20</u>		<u>2020-21</u>	
	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial
Mango Graft	15000	382500	18000	459000	22000	561000	25000	637500
Papaya(Seedling)	5000	30000	6000	36000	8000	48000	8000	48000
D.Stick(Seedling)	5000	30000	6000	36000	8000	48000	8000	48000
Other Veg (Seedling)	30,000	60000	40,000	80000	55,000	110000	65000	130000
Marigold(Seedling)	40,000	40,000	50,000	50000	50,000	50,000	60000	60000

Risk analysis:

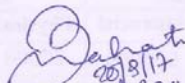
The infrastructure works are to be implemented through contracts and there is risk of legal or contractual to meet the above projects in phased manner.

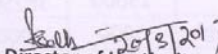
Outcomes: It is targeted that many of the Bargarh Sub-Division Horti. Farmers are depending on this Govt. Nursery only. Hence, It should be developed in phased manner to meet needs of all Horti. Farmers of 6 Blocks of Bargarh Sub-division particularly to get good planting materials for the blocks and make the nursery to meet the needs of QPMs of the complete blocks in future.

EVALUATION: As it is a govt. project it will be evaluated by the higher authority time to time i.e. during execution of project and completion of project and will also be maintained by the Horticulture dept in future.

CHECK LIST:

- Funds available under other schemes of the State/Govt of India for the proposed projects has been accessed and utilized before it is proposed under RKVY.
- There will be no duplication or overlapping of assistant / area coverage through other State/Central Govt. Scheme.
- The funds under the project are not proposed as additional or top-up subsidy to ongoing schemes/programs of State/Central Govt.
- DPRs included contingency.


20/8/17
AAE to ADA
Bargarh


Assistant Director of Horticulture
BARGARH