



MUNICIPAL AGRICULTURE OFFICE

3709 Solano, Nueva Vizcaya, Philippines

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PROJECT PROPOSAL

- I. TITLE: ESTABLISHMENT OF ADDITIONAL TWO (2) UNITS GREENHOUSE NURSERY**
- II. PROPONENT: LGU-Solano, Nueva Vizcaya
EUFEMIA A. DACAYO
Municipal Mayor
Solano, Nueva Vizcaya**
- III. PROJECT LOCATION: 5.0 HECTARES EXPERIMENTAL FARM LOT FOR SEED PRODUCTION AND TECHNOLOGY DEMONSTRATION SITE
Barangay Uddiawan, Solano, Nueva Vizcaya**
- IV. TOTAL PROJECT COST: P700,000.00**
- V. RATIONALE:**

It is acknowledged that we are now experiencing environmental phenomenon. A situation characterized by climate change resulted to global warming and other natural disasters and calamities. This crisis must not be allowed to continue as it will be more difficult and costly for us to correct and/or reverse it.

The construction of additional greenhouse building with irrigation system that will be establish in our municipal nursery will enable the farming sector to regain the agricultural losses and to cope up with the changing environment. Thru this project, farmers would be able to apply the technology of protective cultivation that other farming regions in the country apply. Under a protective cultivation, the natural environment such as temperature, humidity, light and carbon dioxide are modified for optimum plant growth. The technology is a cropping technique wherein the micro climate surrounding of the plant body is controlled partially as per the requirement of the plant species grown during their period of growth. Quality used for seedling distributions of vegetables and fruit bearing trees produced in our municipality are not on a competitive level, and imported high quality vegetables and fruit bearing trees are starting to flood the market. So, with this, there is a great scope to improve the agricultural situation and to make the farming system a profitable venture for the farmers in our municipality.

The campaign to put up green vegetation in our surroundings must have to be accelerated and facilitated to abate this weather phenomenon which may worsen in the future if we cannot take some remedial considerations.

With the implementation of RA 7160 otherwise known as the New Local Government Code, the Local Government must have to be complemented through seedling production and distribution. There must be also a need to develop plans to include reforestation and greening of the environment as well as conservation of biodiversity should best be addressed in the framework of a holistic strategy.

In response, the Local Government through the Municipal Agriculture Office (MAGRO) initiated an approach to attain such program through the promotion of vegetable production

and reforestation. It also addressed to environmental concern to campaign in putting up green vegetation in our surroundings. To realize the purpose, there is a need to provide an additional greenhouse structure to propagate additional plants in a controlled environment thereby hastening the sustainable availability of planting materials at all times, hence, this project proposal.

VI. OBJECTIVES:

General:

The project aims to uplift the living conditions of the marginal farmer and the local populace through increasing agro-productivity and to contribute to agro-forestation program of the national and provincial government. It is also envisioned to enhance environmental management.

Specific:

1. To provide an additional readily available planting material for local farmers with emphasis on vegetables crops, selected fruit trees and forest trees.
2. To promote additional reforestation effort in idle lands.
3. To optimize use of agricultural lands through additional increased production of high yielding varieties of fruit trees and vegetable crops.
4. To demonstrate additional production of vegetable crops in a controlled environment.

VII. PROJECT DESCRIPTION:

The project is an additional component of the 5.0 hectares Demonstration Site of the Municipality of Solano, Nueva Vizcaya. It will also serve as centre of research for Agriculture commodities. Support services are likewise necessary from other line agencies such as Department of Agriculture (DA), Department of Environment and Natural Resources (DENR), Provincial Agriculture Office (PAGRO) and the Academe. The project will also intend to showcase and promote additional production of off-season crops as well as a venue for technology development.

VIII. METHODOLOGY:

The additional two (2) units' greenhouse shall be established at the 5.0 hectares Demonstration Site at Barangay Uddiawan, Solano, Nueva Vizcaya to hasten the sustainable availability of planting materials at all times. This is one additional component of the Municipal Nursery wherein seedlings of vegetable and selected fruit trees and forest trees will be propagated. It will also serve as venue for the production of high value vegetable crops. Operation and maintenance shall be handled by the Municipal Agriculture Office (MAGRO) and will be maintained by hired laborers.

IX. PROJECT INVESTMENT REQUIREMENT:

- A. Greenhouse Structure – Asymmetric model- 1 unit
- B. Installation of drip irrigation.
 - Portion of the 5.0 hectares Demonstration Site is allotted for the project. Installation and construction of the additional two (2) units greenhouse structure, pressurized water system as well as garden tools shall be provided by the LGU.

X. BUDGETARY REQUIREMENTS:

The project will require a budget of P700, 000.00 from the Local Government Unit of Solano which includes labor and other material costs and other overhead costs.

XI. ECONOMIC BENEFITS/IMPACTS:

1. Readily available planting materials at all times will be realized.
2. Devise an action research strategy to support nursery development.
3. Idle lands and denuded hilly lands made productive by establishing them as plantations for fruit trees and reforested to support the greening and reforestation program thereby contributing to ecological balance.

XII. PROJECT MONITORING AND EVALUATION:

A monitoring and evaluation systems should be jointly formulated by the LGU and the line agencies in terms of number of seedlings produced as well as the number of seedlings dispersed. A follow-up activity shall also be conducted for the beneficiaries to determine the impact of the project. Recommendations shall also be considered to improve the project.

Prepared by:

Recommending Approval:

RACHELLE ANN M. MEDRANO
Agricultural Technologist

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Municipal Agriculturist

Approved:

EUFEMIA A. DACAYO
Municipal Mayor