

INDICATIVE MANAGEMENT PLAN

I. INTRODUCTION

Description of the area

The proposed Rehabilitation/Construction/Concreting of Rosacara Farm-to-Market Road with Bridges is in the Municipality of Bansud which is located about 91 kms from Calapan City, the province's capital, and about 153 kms from Manila, the Philippines' main capital. The geographic coordinates of Bansud are 12° 49'39"; 59 N 121° 22'39" E. Bansud is bounded by the Municipality of Gloria on the north, Municipality of Bongabong in the south, Tablas Strait in the east and mountains of Occidental Mindoro in the west (Bansud CLUP 2016-2025).

Bansud has a total growth rate of 21.44% from 1960 to 2015 and an average annual growth rate of about 1.35%. Bansud ranked 9th within the province in terms of population size comprising 4.86% or 40,992 of the total population. Barangay Rosacara has a total population of 2,280 with 516 households averaging to 4 persons per household.

The total Road Influence Area (RIA) of 2,470.52 hectares was identified based on the 2.5 km radius from the subproject. Based on the Comprehensive Land Use Plan of Bansud, it consists of prime agricultural lands.

Agriculture is one of the most important sub-sectors in the economic profile of Bansud. A total of 20,407.90 hectares or 51.65% of the total land area of the municipality is devoted to general agricultural use. Of this total, 3,963.87 hectares were devoted to major crops such as rice, banana and coconut; 554.65 hectares for other crops, 272.8 hectares for livestock production while the remaining 15,536.86 are devoted to other agricultural use. Some areas produce commercial timber such as Mahogany and Gmelina.

Aside from the wide plantation of major crops, local farmers also produce fruits and vegetables with planting area that ranges from backyard plots and gardens to hectares of vegetable and fruit plantations. Collectively, they produce about 1,167.75 metric tons per year with an estimated gross value of Php 43,851,837.00. The common vegetables produced in the municipality are eggplant, squash, string beans and bitter melon. According to the Municipal Agriculture Office, an average of 120 metric tons per year is generated through these agricultural activities. Spices and herbs such as hot pepper, corn pepper, ginger and other spices were also produced in the municipality but in a seasonal manner depending on the season and weather compatibility of the crop to be planted. Combined with new farming technologies, Bansud was able to produce 1,049.81 tons of livestock despite some calamities and market fluctuations amounting to Php 117,516,980.00, a conservative estimate, due to some unrecorded sales and disposals.

II. OBJECTIVES

The general objective of the subproject is to improve the socio-economic status of people in the influence area.

Specifically, it aims to:

2. increase number of vehicles traversing the area by 20% for motorcycle and tricycles and 400% for jeepneys after a year of project completion;
3. increase the volume of goods transported via land vehicles with a shift from manual hauling to Public Utility Jeep (PUJ);
4. reduce transport losses of coconut by 6%, banana by 60%, and calamansi by 48%; and
5. increase cultivated agricultural land area for coconut by 200 hectares, 102 hectares for banana, and 118 hectares for calamansi.

III. PROJECT SCHEDULE

The proposed subproject will be undertaken by the lowest evaluated Contractor as a result of competitive bidding in accordance with the World Bank procurement guidelines. Project implementation will officially start seven (7) days after the issuance of Notice to Proceed to the winning contractor up to the scheduled project duration estimated to be within a period of 446 Calendar days exclusive of 209 unworkable days.

IV. TECHNICAL ASPECTS

Project activity

The project includes concreting of 7.22 kilometers with 3 box culverts and 3 bridges. The 3 bridges consisting of 20 linear meter RCDG bridge and 2 PSCG bridges at 30 linear meter each will connect Barangay Rosacara with nearby barangays. This would mean easier mobility and lesser travel time for commuters and products alike. Such improvement in the road will result in improved accessibility to market centers in the poblacion.

Description of production/development

Current road condition is generally bad, such that farmers experience difficulty in transporting and selling their products. With the proposed road improvement, it is expected that the normal traffic volume will increase by 20%. Farmers will have easier and safer access to the market, thereby increasing the farmers' income. The project will likewise improve mobility of people in the influence area. It will encourage buyers and potential investors to come into the area to buy products from the local farmers. It will also enhance school participation rate, strengthen emergency response and increase accessibility to other basic services. With the rehabilitation/construction of FMR the burden of transport will be lifted off the shoulder of farmers. It is expected that the normal traffic volume will increase by 20%. Travel time will be cut in half, with some farmers able to travel to the market in 15 minutes resulting in easier and safer access to markets.

Site development

The proposed horizontal alignment of the road closely follows the existing road alignment. The proposed project consists of the rehabilitation of 1.17 kms of existing concrete road, and concreting/construction of 5.94 kms of road. There are three (3) proposed construction box culverts at 10.20 linear meters each along with 20-linear meter RCDG bridge and two 30-linear meters of PSDG bridge. Typical road section is adopted in accordance with the RI operations manual of PRDP. Carriageway has a clear width of 4.0 meters and shoulders have a width of 1.50 meters on both sides. There is a need for curved widening and side cut along the influence area. There is no permanent obstruction in the road sections.

The scope of work described in the project's Program of Work includes Laboratory Building for the Engineer; Project Sign Board; Occupational Safety and Health Program; Mobilization and Demobilization; Earthworks (clearing & grubbing, removal of concrete bridge structure, removal of existing concrete pavement, removal of RCPC 24mm ϕ – 610mm ϕ , surplus excavation, structure excavation, embankment from roadway excavation, embankment from borrow, subgrade preparation); Surface course (aggregate sub-base course); Surface course (Portland Cement Concrete Pavement, 230mm); Bridge Construction (precast concrete piles, furnished 450mm x 450mm, precast concrete piles, driven 450mm x 450mm, precast concrete test piles furnished and driven, pile shoe, splicing of RC piles with epoxy, reinforced concrete railing double, reinforcing steel bars grade 40 bridge structure and other major structures, reinforced steel grade 60, structural concrete class A 20.68 MPa, structural concrete class A 27.58 MPa, lean concrete, pre-stressed structure concrete members girder T-IV B launching erection); Drainage and Slope Protection Structure (reinforcing steel bars, structural concrete class A, reinforced concrete pipe culvert 610mm dia., reinforced concrete pipe culvert 1,220mm dia., stone masonry); Miscellaneous (Chevron sign).

The proposed wall protection structure will be a crib wall protection structure. Slope protection will be constructed at the right side of the following Stations 0+640 - 0+660, 0+700 - 0+760, 0+810 – 0+830, 0+850 – 0+870, 0+870 - 0+890, 3+080-3+110, 3+110 – 3+140, 3+250- 3+270, 3+420- 3+450, 3+470-3+510, 3+590-3+650; left side of stations 3+535-3+545, 3+675- 3+685, right side of the stations 3+690-3+710, 3+710-3+750, 3+750-3+830, 3+830-3+850, left side of the stations 3+730-3+770, 3+770-3+790, and right side of the stations 3+890-3+910, 3+910-3+930, 3+930- 3+950, 3+950-3+970, 4+400-4+420, 6+950-6+990, 7+035-7-045.

There are existing Reinforced Concrete Pipe Culvert (RCPC) in Stations 0+016, 0+505, 0+609, 0+963, 1+493 that needs to be replaced and removed. And there are proposed to be installed at Stations 3+044, 3+160, 4+005, 4+124, 4+260, 4+860, 4+920, +5+060, 5+260, 5+335, 5+420, 5+600, 5+734.

Drainage canal will be constructed at right side of the Stations 0+611-0+920, 3+020- 3+041, 3+046.5+3+157.5, 3+180-3+300, 3+400-3+640, left side of the stations 3+480-3+500, 3+535- 3+545, 3+575-3+585, 3+660-3+860, right side of the stations 3+680-3+880, 3+900- 4+000, 4+262- 4+420, 5+160-5+262.5, 7+000-7+064.9, 7+075.10-7+085.

V. MANAGEMENT ASPECTS

Organization

The institutional and organizational aspect is important in the implementation and management, accountability and sustainability of the project. The Provincial Project Management Implementing Unit (PPMIU) will serve as the management unit in charge of the planning, design and implementation of the project. The PPMIU's Monitoring and Evaluation Unit under the I-SUPPORT Team shall conduct regular monitoring and evaluation activities to ensure that the project components and objectives are implemented and achieved.

Management strategies/policies

To ensure the project's sustainability, the Provincial Government of Oriental Mindoro (PGOM), in coordination with the concerned barangays, shall provide in their respective budget the necessary annual funding and manpower requirements for the subproject's operation and maintenance.

Road Maintenance works are classified as routine and periodic. Routine maintenance activities are done throughout the year and are labor intensive. These activities will be carried out according to agreed sharing of responsibilities with the barangay, municipal and provincial government to promote greater sense of responsibility and ownership of the project thus ensuring sustainability of project implementation.

VI. FINANCIAL ASPECTS

Project cost

The estimated project cost of TWO HUNDRED TWENTY-NINE MILLION NINE HUNDRED NINETY-ONE THOUSAND SEVEN HUNDRED FIFTEEN PESOS AND NINETY CENTAVOS (Php 229,991,715.90) will be needed for the improvement of the access road and construction of bridge.

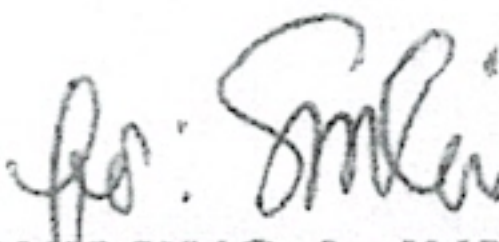
Sources of funds

Of the total project cost, 80% or Php 183,993,372.72 will be taken from the Loan Proceeds, 10% or Php 22,999,171.59 from Department of Agriculture – Grant and the remaining 10% or Php 22,999,171.59 will be the PGOM's Equity.

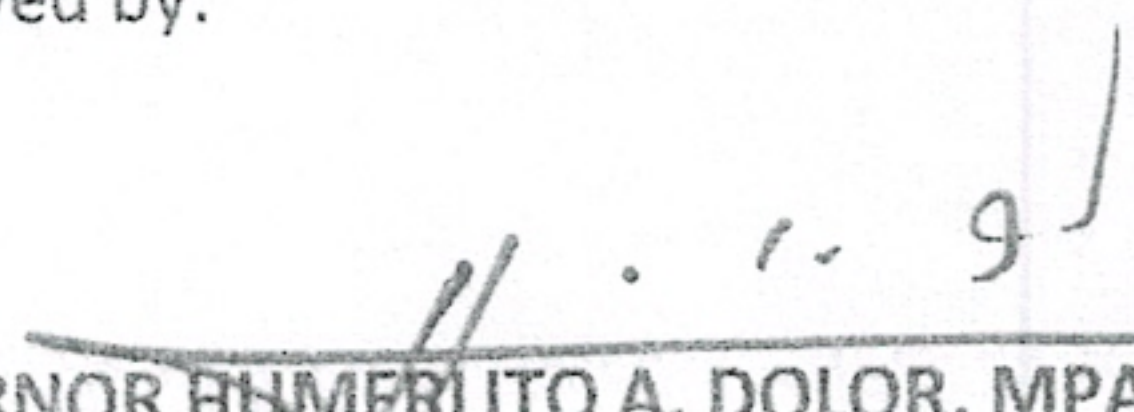
Financial Projections

The economic and financial analysis of the proposed project showed an Economic Net Present Value of PhP 2,072,729.00; Economic Internal Rate of Return of 58.2% and Benefit Cost Ratio of 9.54.

Prepared by:


MAXIMINO A. JUMIG, JR
Department Head
PG-Environment and Natural Resources Office

Approved by:


GOVERNOR HUMERTO A. DOLOR, MPA PhD
Vice President for Luzon South League of Provinces of the Philippines



OFFICE OF THE GOVERNOR

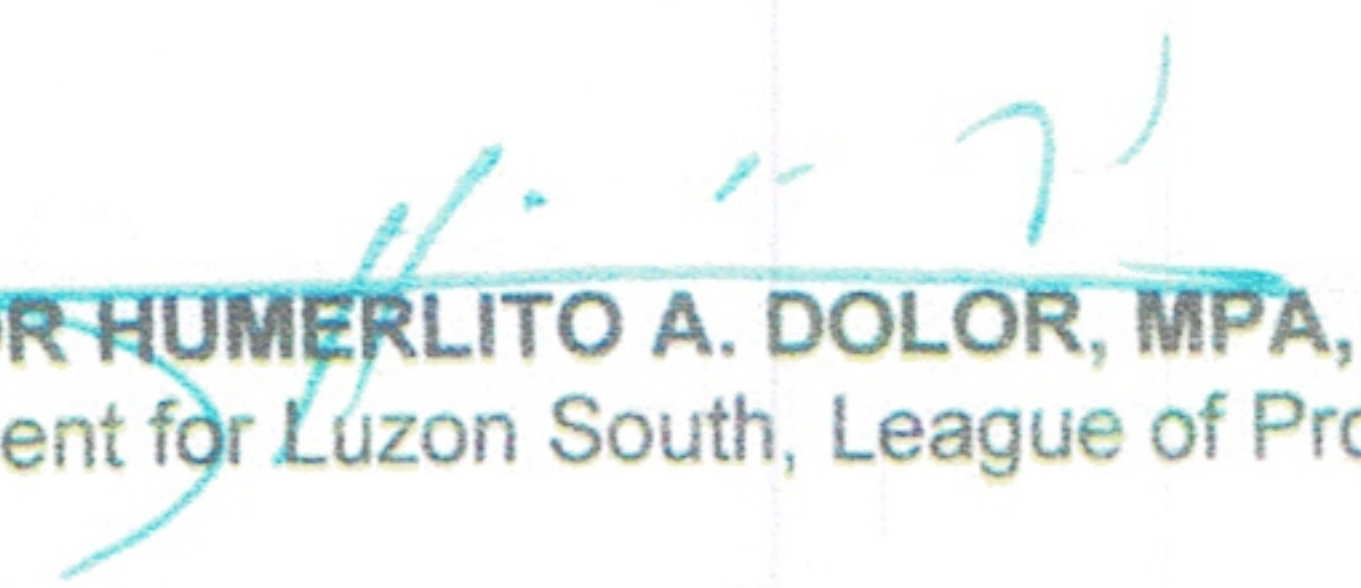
CERTIFICATION

This is to certify that the Provincial Government of Oriental Mindoro (PGOM) has proposed two (2) infrastructure subprojects for funding under Philippine Rural Development Project (PRDP) of the Department of Agriculture, to wit:

Subproject Title	Subproject Cost (PhP)
Construction/Rehabilitation of Rosacara FMR with Bridge in Rosacara Bansud	229,991,715.90
Construction/Rehabilitation of Merit to Bugtong na Tuog. FMR with Bridge in Merit, Victoria to Bugtong na Tuog, Socorro	163,969,774.00

This is to certify further that compliance with all the documentary requirements is requisite for the favorable consideration of the aforesaid subprojects.

Issued this 1st day of September 2021 at Calapan City, Oriental Mindoro for the purpose of securing Gratuitous Special Land Use Permit (GSLUP).


GOVERNOR HUMERLITO A. DOLOR, MPA, Ph.D.
Vice President for Luzon South, League of Provinces of the Philippines



[Signature]
Records Officer II

SANGGUNIANG PANLALAWIGAN

EXCERPT FROM THE JOURNAL OF THE 103rd REGULAR SESSION OF THE 10TH SANGGUNIANG PANLALAWIGAN OF ORIENTAL MINDORO HELD AT THE COMMITTEE BOARD ROOM, BATASANG PANLALAWIGAN (BENIGNO S. AQUINO, JR. LEGISLATIVE BUILDING), GOV. IGNACIO ST., BRGY. CAMILMIL, CITY OF CALAPAN, ORIENTAL MINDORO ON SEPTEMBER 22, 2021

PRESENT:

Hon. Antonio S. Perez, Jr.	Vice Governor, Presiding Officer
Hon. Carlito F. Camo	Member
Hon. C. Voltaire S. Brucal	Member
Hon. Judy Ann D. Servando	Member
Hon. Mae Arlene M. Talens	Member
Hon. Ramil O. Dimapilis	Member
Hon. Alexandra C. Casubuan	Member
Hon. Rafael L. Infantado	Member
Hon. Edilberto C. Ilano, Jr.	Member
Hon. Dennis V. Brondial	ABC President, Ex-Officio Member

PRESENT VIA TELECONFERENCING:

Hon. Emmanuel S. Buenaventura	Floor Leader, Member
Hon. Michael Anthony Philippe L. Leachon	Member
Hon. Marion Francis D. Marcos	PCL President, Ex-Officio Member
Hon. Joenifia R. Aguilon	SKPF President, Ex-Officio Member

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PROVINCIAL RESOLUTION NO. 5613-2021

PROVINCIAL RESOLUTION AUTHORIZING PROVINCIAL GOVERNOR HUMERLITO A. DOLOR, FOR AND IN BEHALF OF THE PROVINCIAL GOVERNMENT OF ORIENTAL MINDORO (PGOM) TO APPLY FOR GRATUITOUS SPECIAL LAND USE PERMIT (GSLUP) WITH THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR) FOR THE CONSTRUCTION OF TWO (2) FARM TO MARKET ROADS UNDER THE PHILIPPINE RURAL DEVELOPMENT PROGRAM (PRDP), NAMELY: (1) CONCRETING OF BARANGAYS MERIT-CONCEPCION, VICTORIA – BARANGAYS MA. CONCEPCION-HAPPY VALLEY-BUGTONG NA TUOG, SOCORRO FARM TO MARKET ROAD WITH BRIDGE; AND (2) REHABILITATION / CONSTRUCTION / CONCRETING OF ROSACARA FARM TO MARKET ROAD WITH BRIDGES, SUBJECT TO FULL COMPLIANCE WITH ALL APPLICABLE LAWS, RULES AND REGULATIONS

WHEREAS, Provincial Governor Humerlito A. Dolor, in his letter dated August 12, 2021, requested from the Sangguniang Panlalawigan for the passage of a resolution authorizing Provincial Governor Humerlito A. Dolor, for and in behalf of the Provincial Government of Oriental Mindoro (PGOM), to apply for Gratuitous Special Land Use Permit (GSLUP) with the Department of Environment and Natural Resources (DENR) for the construction of two (2) Farm to Market Roads under the Philippine Rural Development Program (PRDP), namely: (1) Concreting of Barangays Merit-Concepcion, Victoria – Barangays Ma. Concepcion-Happy Valley-Bugtong Na Tuog, Socorro Farm to Market Road with Bridge; and (2) Rehabilitation / Construction / Concreting of Rosacara Farm to Market Road with Bridges;

WHEREAS, the SP Committees on Laws, Ordinances and Legal Matters and Public Works and Infrastructures, Rural and Urban Development, Housing, and Land Use, to which the said request was referred for study, recommended for the grant of authority to the Provincial

/ Construction / Concreting of Rosacara Farm to Market Road with Bridges, subject to full compliance with all applicable laws, rules and regulations;


NOW THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED BY THE SANGGUNIAN PANLALAWIGAN OF ORIENTAL MINDORO to authorize Provincial Governor Humerlito A. Dolor, for and in behalf of the Provincial Government of Oriental Mindoro (PGOM) to apply for Gratuitous Special Land Use Permit (GSLUP) with the Department of Environment and Natural Resources (DENR) for the construction of two (2) Farm to Market Roads under the Philippine Rural Development Program (PRDP), namely: (1) Concreting of Barangays Merit-Concepcion, Victoria – Barangays Ma. Concepcion-Happy Valley-Bugtong Na Tuog, Socorro Farm to Market Road with Bridge; and (2) Rehabilitation / Construction / Concreting of Rosacara Farm to Market Road with Bridges, subject to full compliance with all applicable laws, rules and regulations, and to the following mandatory conditions:

1. That, the Provincial Governor and all involved department heads and employees of the PGOM, and all parties who signed legal instruments pertaining to the GSLUP complied and shall continue to fully comply with all applicable laws, rules and regulations, as well any subsequent findings, orders or decisions by relevant government agencies, in connection with the review, execution or implementation of the GSLUP which compliance shall be the sole duty and continuing responsibility of said officials or parties;
2. That, the said application for GSLUP and relative contracts, and other legal instruments and related documents and all related activities and actions appurtenant thereto shall undergo a thorough due diligence, legal and compliance review by the Provincial Legal Officer and the Provincial Internal Auditor who shall independently issue separate certifications of legality and propriety, to be attached to and made an integral part of the records, as a mandatory prerequisite prior to signing or execution by the Provincial Governor;
3. That, no public fund or money shall be appropriated, disbursed or applied to execute or implement any program, project, activity or object of expenditure under the subject application for GSLUP without the prior approval of the Sangguniang Panlalawigan embodied in a duly enacted/approved/signed resolution or ordinance;
4. That, the approval of this Resolution by the Sangguniang Panlalawigan is based solely on the independent representations by the Office of the Provincial Governor and departments of the PGOM who signed the request and should not be construed as concurrence to any separate actions by said officials at anytime, whether before or after the approval of this Resolution, nor should such approval make the Sangguniang Panlalawigan a party to any such actions; and
5. That, in case of failure by the said officials to comply with any of the foregoing conditions, the approval of this resolution shall be automatically withdrawn and of no effect ab initio.

Let a copy of this Resolution be furnished to Provincial Governor Humerlito A. Dolor, the Provincial Finance Committee, the Provincial Legal Officer, the Internal Auditor, and all concerned officials for their information.

On motion of Board Member C. Voltaire S. Brucal, seconded by Board Member Dennis V. Brondial, this Provincial Resolution was... APPROVED.

Certified correct:


DIWATA H. FETIZANAN
Secretary to the
Sangguniang Panlalawigan

Attested by: