

INDICATIVE MANAGEMENT PLAN

I. INTRODUCTION

Description of the area

The proposed Concreting of Barangay Merit-Concepcion, Victoria-Barangays Ma. Concepcion-Happy Valley-Bugtong na Tuog, Socorro Farm-to-Market Road with Bridge is located in the municipalities of Victoria and Socorro. Victoria is bounded on the north by the Municipality of Naujan, on the south east by the Municipality of Socorro, and on the southwest by the Municipality of Sablayan, in Occidental Mindoro. Socorro is bounded on the north by Naujan Lake and the Municipality of Victoria, on the east by the Municipality of Pola, on the south by the Municipality of Pinamalayan, and on the west by the province of Occidental Mindoro.

The existing road network is connected to the Calapan South Road leading to the Provincial Demo Farm in Merit, Victoria and Bugtong na Tuog, Socorro. The total Road Influence Area of 3,482.37 hectares was identified based on the 2.5 km radius from the subproject. Based on Comprehensive Land Use Plans of Victoria and Socorro, all the barangays within the RIA are all prime agricultural lands. Other land uses include NIPAS, forest, agriculture and pasture/grasslands.

Based on the 2015 PSA Census, population in the five (5) barangays covered by the subproject totaled 4,392 wherein 584 are from Merit and 714 from Concepcion, Victoria; 708 from Ma. Concepcion; 1,165 from Happy Valley and 1,221 from Bugtong na Tuog in Socorro. There are 1,009 households in the project area - 130 from Merit; 159 from Concepcion; 165 from Ma. Concepcion; 271 from Happy Valley and 284 from Bugtong na Tuog.

The major economies in Victoria and Socorro are agriculture and trading. Major agricultural products include rice, corn, and high value commercial crops like coconut, calamansi, banana, rambutan, lanzones and durian. Based from the records of the Permits and Licensing Division, there were 1,297 commercial establishments in Socorro as of 2011, and 734 in Victoria as of 2014. Data from the Provincial Agriculture Office (2018) showed that crops produced in Victoria and Socorro include rice with 69,514.63 MT; banana with 25,811.19 MT; citrus with 6,983.67 MT; rambutan with 1,036.06 MT; lanzones with 192.20 MT; and coconut with approximately 20 million wholenuts. Livestock and poultry population, on the other hand, consists of 4,277 carabaos, 4,911 cattle, 8,681 swine, 3,919 goats, 98 horses, 12,512 ducks and 67,080 chickens.

The municipal and city level small area poverty estimates of the PSA showed that Socorro's poverty incidence increased from 15.4% in 2012 to 17.2% in 2015. On the other hand, Victoria's poverty incidence slightly decreased from 18.0% in 2012 to 17.4% in 2015.

II. OBJECTIVES

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

Specifically, it aims to:

1. reduce travel time of commuters, basic goods and commodities by 20 minutes (from Barangay Bugtong na Tuog, Socorro to Merit, Victoria and vice versa);
2. increase number of vehicles traversing the area by 20% after a year of project completion;
3. increase the volume of goods transported via land vehicles with a shift in mode of transportation from habal-habal to Public Utility Jeep (PUJ) or Filcab;
4. reduce transport losses by 39% for banana, 4% for coconut, and 49% for calamansi; and
5. increase cultivated agricultural land area by 100 hectares for banana, and 50 hectares for both coconut and 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 190 calendar days exclusive of 68 unworkable days.

IV. TECHNICAL ASPECTS

Project activity

Out of the total road stretch of 10.734 kilometers, the 7.667 kilometers will be concreted and a bridge of 30 linear meters will be constructed. The bridge will be connecting Barangays Happy Valley and Ma. Concepcion, and will also serve Barangay Bugtong na Tuog residents. There are identified portions along the road stretch where drainage canals, wall protection, and slope protection will be constructed. This would provide convenient road accessibility that will lessen the travel time of commuters. Such improvement will also develop accessibility to market centers/trading posts in the Poblacion and proposed Oriental Mindoro Trading and Consolidation Facility at the Provincial Demo Farm in Merit, Victoria.

Description of production/development

Majority of the road is in bad paved condition such that farmers experience difficulty in transporting their produce to the nearby market. It also affects the crops' quality therefore, farmers usually sell their produce to traders(middleman) but at unreasonable price compared to the prevailing market price.

The community will have numerous benefits upon project completion. First is the reduction in travel time and fare because there will be possible new modes of transportation introduced in the area like public utility jeep (PUJ) or Fil-cab. Second, the quality of crops being transported will be improved leading to minimal spoilage and increased farmer's income. Third, the far-flung barangays will be easily reached with basic services and emergency response during calamities will be strengthened. Fourth, farmers will be able to deliver their produce to the nearby market thereby eliminating the middleman issue which also results to more profit. Fifth, there is a high possibility of increase in land valuation because of the improved road. Sixth, there will be enhanced school participation in the area. Seventh, investors will potentially come in because of its convenience. And lastly, travelling in the area will be safer and more comfortable for the public.

The 30-linear meter bridge will connect Barangays Merit and Concepcion in Victoria, Barangays Ma. Concepcion and Happy Valley with Barangay Bugtong na Tuog in Socorro. It will provide access to nearby markets and communities, and trading of agricultural produce.

Site development

Part of the 10.734-kilometer road with bridge are 1.814-kilometer gravel and 8.890-kilometer concrete types. Rubble concrete canals, wall and slope protections will be constructed in identified portions of the road stretch. The existing road carriageway width is 3.0 meters with no allocated shoulders on both sides which causes traffic in some major points of the road. There are portions that need curved widening for 1.50 meters shoulder width. There is no permanent obstruction in the road sections.

The proposed 7.667-km PCCP has a thickness of 0.23 m and 5.00 m width, and 1.50 m shoulder width on both sides of the road. The Reinforced Concrete Deck Girder (RCDG) Bridge has a length of 30 lm with a width of 4.60 m, a carriageway of 7.32 m, sidewalk of 0.76 m and 0.35 m railings on both sides, two approach slabs of 4.00 m by 8.00 m, and two abutments with wingwall. The proposed RCPC of 0.610 m ϕ by 7.00 m length will be constructed in the identified stations. The proposed stone masonry slope protection will be constructed in the identified stations with a length of 0.943 km and 1.403 km on the right and left sides, respectively. A stone masonry with drainage canals, will be constructed in some portion of the road with a length of 0.618 m at the right side and 0.210 m at the left. At the right side of stations 6+900 – 6+940, 8+900 – 8+960, 9+020 – 9+100 a proposed brick wall will be constructed.

The scope of work described in the project's Program of Work includes Combined Field Office and 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 24 mm ϕ – 610 mm ϕ , structure excavation, embankment from roadway excavation, embankment from borrow, subgrade preparation); Surface course(sub-base course); Surface course (Portland Cement Concrete Pavement, 230 mm); 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 1,220 mm dia., stone masonry); Miscellaneous (Chevron sign).

Additional construction of RCPC at stations 0+447.90, construction within the retained existing PCCP at stations 5+577.50 and 5+744.7, removal and replacement at stations 6+501.65, 7+0.14.15, and 8+194.50, and removal at 6+780.

Slope protection will be constructed at Stations 1+540 to 1+560 left and right side, 2+220 to 2+240 left side, 2+720 to 2+820 left and right side, 2+820 to 2+900 left side, 3+000 to 3+020 left side, 3+20 to 3+040 left and right side, 3+040 to 3+060 right side, 3+940 to 4+020 right side, 3+330 to 3+350 left to right side, 3+940 to 4+020 right side, 4+200 to 4+220 left and right side, 4+340 to 4+360 right side, 4+200 to 4+220 left and right side, 4+340 to 4+360 right side, 4+460 to 4+480 left and right side, 4+480 to 4+500 left side, 4+560 to 4+580 left side, 6+160 to 6+180 left and right side, 6+620 to 6+719.22 left and right side, 6+746.22 to 6+880 left and right side, 6+880 to 6+960

left side, 6+960 to 6+980 left and right side, 7+360 to 7+380 left side, 7+840 to 7+860 left side, 7+920 to 7+940 left side, 8+180 to 8+200 left side, 8+320 to 8+340 left side, 8+520 to 8+540 left and right side, 8+840 to 8+860 left side, 9+060 to 9+100 left side, 9+130 to 9+150 left and right side, 9+580 to 9+600 left side, 9+660 to 9+700 left side, 9+850 to 9+870 left side, 10+020 to 10+200 left side, 10+210 to 10+220 right side, 10+220 to 10+260 right side, 10+260 to 10+270 left and right side, 10+270 to 10+400 right side, and 10+420 to 10+440 left side.

Rubble concrete canal will be constructed at Stations 6+746.22 to 6+960 right side, 8+840 to 8+940 right side, 8+950 to 9+030 left and right side, 9+040 to 9+100 right side, 9+440 to 9+520 left side, 9+560 to 9+620 right side, 10+580 to 10+630 left side, and 10+630 to 10+734.54 right side.

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 ONE HUNDRED SIXTY-THREE MILLION NINE HUNDRED SIXTY-NINE THOUSAND SEVEN HUNDRED SEVENTY-FOUR PESOS (Php 163,969,774.00) 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 131,175,818.75 will be taken from the Loan Proceeds, 10% or Php 16,396,977.34 from Department of Agriculture – Grant and the remaining 10% or Php 16,396,977.34 will be the PGOM's Equity.

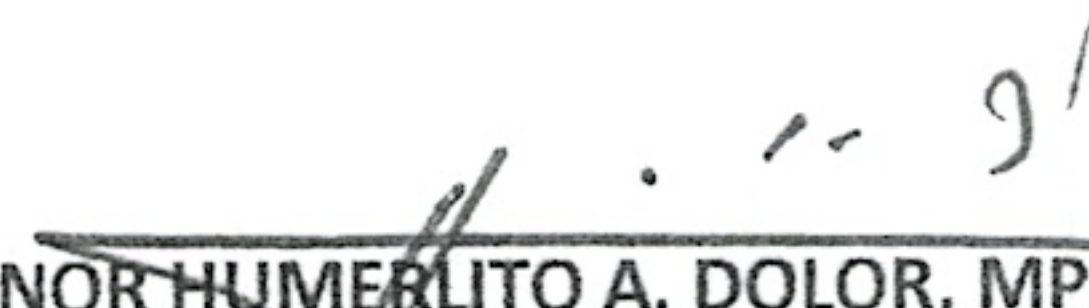
Financial Projections

The economic and financial analysis of the proposed project showed an Economic Net Present Value of PhP 2,103,684.08; Economic Internal Rate of Return of 139.01% and Benefit Cost Ratio of 12.77.

Prepared by:


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

Approved by:


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




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. Joeniña 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