

Comprehensive Project Profile

Promoting Environmental Sanitation and Solid Waste Management thru the preparation of a FEASIBILITY STUDY FOR THE ESTABLISHMENT OF SANITARY LANDFILL

I.PROJECT DESCRIPTION

1. Project Title : Preparation of a Feasibility Study for the Establishment Of Sanitary Landfill

2. Project Type : Capital forming for Consultancy Services in the Preparation of a Feasibility Study for the Establishment of Sanitary Landfill in BIAD 5

3. Project Components:

- a. Consultancy Services
- b. Technical Assistance

4. Project Location:

The project will be located in the municipality of Dagohoy within the Bohol Integrated Area Development 5 (BIAD 5) particularly at Barangay La Esperanza, Dagohoy, Bohol but the proposed feasibility study will cover the eight (8) municipalities of BIAD 5 Comprising Batuan, Bilar, Carmen, Dagohoy, Danao, Pilar, Sagbayan and Siera Bullones, all in the interior part Bohol.

II.PROJECT STATUS: Proposed Project

Status of Project Operation : Project Idea

Investment Programming : For foreign, National and private Institution funding with local equity

III.PROJECT JUSTIFICATION:

Republic Act 9003 (Ecological Solid Waste Management Act) hereby requires all Local Government Unit to establish their respective Sanitary Landfill after a grace period has been terminated allowing the LGU to operate open and Controlled Dump Sites as prescribed by DENR Administrative Order No. 09, The General Guidelines in the Closure and Rehabilitation of Open Dumpsites and Controlled Dump Facilities; DENR Administrative Order No. 10, Guidelines on the Categorized Final Disposal Facilities(Sanitary Landfills); Checklist for the Closure and Rehabilitation of Open Dumpsites and Controlled Dumpsites for evaluation/assessment and possible issuance of Authority to Close (ATC); Initial Environmental Examination (IEE) Checklist for Category 1 and Category 2 Final Disposal Facilities with daily net residual wastes generated of less than 15 MT and 15 MT to 75 MT, respectively and Guidebook for Safe Closure of Disposal Sites

Operating a full scale Sanitary Landfill is very impossible for a single LGU even those with first class income classification considering the high cost of the operation and maintenance activities while complying the standard set forth by RA 9003. It is in this premise that the eight (8) member-municipalities of BIAD 5 duly organized agreed to operate a shared & common sanitary landfill to be hosted by the Municipality of Dagohoy.

The Sanitary Landfill is very necessary in BIAD 5 municipalities considering that it is strategically located in the agro-industrial area and eco-cultural tourism zone of the province. The study will also address waste disposal system needed by the following population shown in the table below.

Name of Municipality	Population (2007)	Land Area (Ha.)
1. Batuan	12,137	7,895
2. Bilar	17,078	13,315
3. Carmen	43,153	24,804
4. Dagohoy	18,311	12,141
5. Danao	17,716	16,462
6. Pilar	27,276	11,418
7. Sagbayan	19,399	
8. Sierra Bullones	26,398	19,886
Total	181,468	

BIAD 5 Municipalities are currently using the following mode of garbage disposal in their respective area.

Name of Municipality	Current Practice of Solid Waste Disposal
1. Batuan	Open Dump / Composting / Vermi-culture
2. Bilar	Open Dump / Compost pit / file
3. Carmen	Controlled Dump
4. Dagohoy	Household compost pit / file
5. Danao	Controlled Dump
6. Pilar	Open Dump / Compost pit / file by Household
7. Sagbayan	
8. Sierra Bullones	Open Dump / Compost pit / file

The proposed site of the Sanitary Landfill located at La Esperanza, Dagohoy, Bohol is very accessible for all member LGU's of BIAD 5 with the following route and distance to the proposed site:

Name of Municipality	Travel Route to SL	Travel Distance SL (km)
1. Batuan	Via Carmen National Road	20
2. Bilar	Via Batuan-Carmen National Rd.	30
3. Carmen	Via Buenavista & Montesuerte	9
4. Dagohoy	Via National Road to La Esperanza	7
5. Danao	Via Concepcion, Danao to La Esperanza	10
6. Pilar	Via Candelaria, Dagohoy	14
7. Sagbayan	Via Calatrava, Carmen	10
8. Sierra Bullones	Via Candelaria, Dagohoy	14

The proposed Feasibility Study on the Establishment of a Sanitary Landfill will provide the BIAD 5 Municipalities an open window for possible funding assistance to realize the ultimate operation of the Sanitary Landfill.

Regional and National Objectives

The project generally support the implementation of RA 9003 and other environmental concerns that will affect other services provided by both government and private agencies

IV. PROJECT FINANCING

1. Funds Needed

Funds needed for consultancy Services in the estimated amount of P550, 000.00

2. Project Financing

1. Consultancy Services & FS Packaging – P500,000.00
2. Capability Training on FS Assessment and Evaluation – P150,000.00

3. Fund Sources

Funds to finance the Feasibility study are to be source out from external sources/grant and donor institutions in the amount of P500, 000.00. The remaining P150, 000.00 will be proposed for funding from LGSP-Led Capability Building Component.

4. Counterpart Funding

The BIAD 5 Municipalities will provide counterparts in kind thru the generation of Local data information's necessary in the FS preparation. This information involve and available at the LGU Level.

5. Financial Viability

Once the Feasibility study will be completed, possible funding may be generated to implement and operationalize the Sanitary Landfill.

V. PROJECT BENEFITS AND COST

1. Beneficiaries

Direct beneficiaries will be the eight (8) BIAD 5 Municipalities and future establishment in the area.

2. Social Benefits

The project will provide a clear and open window for environmental protection and integrated standard practices on solid waste disposal and management.

3. Economic Benefits

The FS once funded and implemented will generate additional income for the BIAD 5 Municipalities as to the people involve in the operation and maintenance of the facility.

4. Social Cost

The preparation of the Feasibility Study will not create any disturbance in the area.

VI. PROJECT IMPLEMENTATION

1. Responsible Agencies

a. BIAD 5 Execom

The BIAD 5 Executive Committee composed of the eight (8) Local Chief Executives of the eight (8) Municipalities will be responsible in the administrative supervision of the project.

b. BIAD 5 TWG

The BIAD 5 Technical Working Group shall responsible in the Technical Supervision of the project implementation.

c. BIAD 5 PMO

The BIAD 5 Project Management office will be incharge with the day-to-day activities of the project and assists the execom in project in the project supervision.

2. Implementation Schedule

Activities	Month 1	Month 2	Month 3	Month 4
1.Feasibility Study Preparation	████████████████████			
2.Training on Assessment & Evaluation of FS		████████		████████████████████

3. Administrative Feasibility

The FS preparation activities will be supervised by BIAD 5 Execom thru the Project Management Office in coordination with the members of BIAD 5 Technical Working Group (TWG).

4. Legal and Political Feasibility

The project has no Legal obstruction for its implementation and is not expected to generate any political opposition

5. Environmental Clearance

Clearance from the Department of Environment and Natural Resources (DENR) is not necessary considering that it only covers consultancy works.

6. Social Acceptability

The proposed project on FS preparation for the Establishment of Sanitary Landfill has not generated any apparition from Community.