



OUTGOING

Received by: 7
Date: APR 19 2023

March 27, 2023

MEMORANDUM

FOR : **The Regional Executive Director**
DENR MIMAROPA Region
1515 DENR By the Bay Bldg.
Roxas Blvd., Barangay 668
Ermita, Manila

THRU : **The Assistant Regional Director**
for Technical Services

FROM : **The OIC, PENR Officer**
Odiongan, Romblon

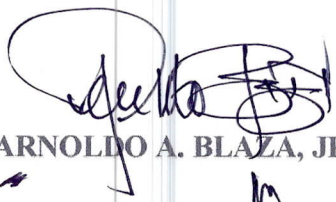
SUBJECT : **PROGRESS REPORT ON THE MAINTENANCE OF
ECOTOURISM FACILITY AND BIODIVERSITY
ASSESSMENT AND MONITORING SYSTEM (BAMS) WITHIN
CALSANAG WATERSHED FOREST RESERVE LOCATED AT
TABLAS ISLAND, ROMBLON FOR THE 1ST QUARTER, C.Y.
2023**

Respectfully submitting the pertinent documents in support to the progress report on the Maintenance of Ecotourism Facility and secondly, Biodiversity Assessment and Monitoring System (BAMS) within the CALSANAG Watershed Forest Reserve located at Tablas Island, Romblon for the 1st Quarter C.Y. 2023.

Please be informed that these targets subjected to procurement process under PENRO Romblon- Bids and Awards Committee (PBAC) this 1st Quarter, C.Y. 2023.

Likewise, this Office and the implementing section/end-user waited on the developments relative thereto. Please see attached pertinent documents submitted to PBAC.

For information and further instruction.


ARNOLDO A. BLAZA, JR.


TERMS OF REFERENCE

MONITORING OF TWO-HECTARE PERMANENT BIODIVERSITY MONITORING AREA (PBMA) UNDER BIODIVERSITY ASSESSMENT AND MONITORING SYSTEM (BAMS) OF CALSANAG WATERSHED FOREST RESERVE IN MARI-NORTE, SAN ANDRES, TABLAS ISLAND, ROMBLON

RATIONALE

CALSANAG Watershed Forest Reserve is one of the protected areas in the province situated in the Municipalities of Calatrava, San Andres, and San Agustin, Romblon with a total area of 2,614 hectares. It is the only contiguous tract of lowland forest left in Tablas Island alongside the Burburanan forest. In 1980's, it was subjected to intensive logging activities and then recovered to the present condition from which we now intend to monitor thru the implementation of Biodiversity Assessment and Monitoring System (BAMS) for Terrestrial Ecosystems.

BAMS is a tool for scientific assessment of the current status of terrestrial biodiversity, habitat quality and certain ecosystem services. It is used to establish a baseline for long-term monitoring and management, and determine trends in ecosystem and species abundance and diversity. This recent development is in support to Republic Act No. 7586 otherwise known as the National Integrated Protected Areas System (NIPAS) Act of 1992 (now amended by RA 11038 or ENIPAS Act of 2018), the DENR Administrative Order No. 2008-26 or the Revised Implementing Rules and Regulations of the NIPAS Act, Republic Act No. 9147 or the Wildlife Resources Conservation and Protection Act of 2001 and other national issuances and international commitments.

The DENR through its Biodiversity Management Bureau (BMB) issued Technical Bulletin No. 2016-05 with the subject "Guidelines on Biodiversity Assessment and Monitoring System for Terrestrial Ecosystems" and Technical Bulletin No. 2017-09 with the subject "Adopting the User Manual on BAMS for Terrestrial Ecosystems" as bases in the conduct of the monitoring.

BAMS is an improved modification of the Resources Basic Inventory (RBI) that provides guidance in the establishment/monitoring of permanent monitoring transects/plots in a certain protected area with complementation to other assessment and monitoring tools/systems like Biodiversity Monitoring System (BMS) and Lawin Forest and Biodiversity Protection System (Lawin).

Moreover, this protected area implemented BAMS in Year 2018 and about to monitor its 2 hectare permanent biodiversity monitoring area covering physical, flora and fauna. The conduct of monitoring of the established permanent monitoring transects/plots are crucial in determining growth rates, mortality, recruitment, phenology, population demographics and dynamics and ecosystem response to disturbance events such as typhoons, diseases, El Nino events, droughts, fire and anthropogenic activities. The baseline data to be generated set a good starting point and basis in the design of restoration strategies that would be applicable not only in this protected area in particular but for the whole island of Tablas, Romblon.

OBJECTIVES

Primarily, to effectively and efficiently implement the conduct of Biodiversity Assessment and Monitoring System (BAMS).

Specifically, conduct monitoring and submit technical reports of the 2 hectare PBMA under BAMS during Dry and Wet Seasons covering three components namely Physical, Flora, and Fauna.

SCOPE OF WORK

The consultants are expected to undertake the following tasks:

A. Monitoring of 2-ha Permanent Biodiversity Monitoring Area (PBMA)

The established 2-ha Permanent Biodiversity Monitoring Area (PBMA) under Biodiversity Assessment and Monitoring Systems (BAMS) shall be monitored with the following specific deliverables:

1. Flora Monitoring - A complete monitoring of all trees within the 2-ha PBMA will be conducted. All trees with diameter at breast height (DBH) of ≥ 10 cm shall be measured (height and diameter), recorded, and tagged (with coordinates and with assigned permanent identification tag/number). Similar for all trees with diameter at breast height (DBH) of < 10 cm, only the DBH and total height will be measured and recorded. For trees with ≥ 10 cm DBH, the diameter at breast height, merchantable height and total height will be measured. Characteristics of the plant community like basal area, canopy height, spatial distribution, and dominant species and families will be determined using raw data from the survey. Ecological parameters including endemism, vulnerability status, and diversity indices will also be generated to assess the ecological status of the area. If applicable, voucher specimens for each species will be collected and stored and serve as samples for identification.

2. Fauna Monitoring

a.) Arthropod diversity monitoring - Arthropods in the study area are monitored by using a modified transect method and opportunistic sampling. If applicable, collected specimens are then subjected for identification up to order level, or if possible, up to family level as there is a high proportion of undescribed arthropod taxa and few specialists are available in the Philippines. Furthermore, specimens will be placed in properly labeled jars sorted by their order or family. Analysis of gathered data would include species and taxa composition, abundance, density, and habitat association. Empirical measures of biodiversity including Margalef's Diversity Index, Menhinick's Diversity Index, and Shannon-Wiener diversity index can also be derived. Relevant graphs to indicate fluctuation and trend of diversity changes will be constructed.

b.) Vertebrate diversity monitoring - Three different possible sampling designs can be implemented in the selected area depending on its size, extent of required information, time and effort available, and accessibility of habitat types within the study site. A comprehensive general assessment can be completed in small areas where only a manageable number of transects and plot/stations can be established with suitable forest ecosystem. In large areas, survey using randomized subset of plots can be done but access to widespread established transects and plot/stations can be a challenge to complete. Vertebrate assessment and monitoring includes herpetofauna (amphibians and reptiles), birds, and mammals.

b.1. Herpetofauna Monitoring - Methods for herpetofauna monitoring includes the modified strip transect method, live-trapping with pitfall trapping and glue board traps, and purposive sampling for highly cryptic

or shy species which are difficult to observe. Observing for physical disturbances that may be used as indices of presence of amphibians and reptiles can also be done and may provide ecological and behavioral notes. Ethnobiological accounts derived from interview or use of wildlife by indigenous people will also provide valuable information related to herpetofauna in the area. Detailed descriptive and quantitative external body measurements will be conducted as well as photo documentation prior to release and preservation of collected specimens. Likewise, a checklist of herpetofauna species will be generated based on collected data. Data analysis would include pie charts on distribution status, habitat association, and population status of species recorded and generation of a species accumulation curve. Community diversity, particularly the Shannon-Wiener Index, can be derived and also other diversity indices including Species Richness Index, Simpson's Dominance Index, and Shannon's Evenness Index.

b.2. *Birds Monitoring*—Birds can be readily studied through practical means by ocular observation using binoculars and distinguishing one species from the other based on their external characteristics. Line transect method can be used to survey birds and can be carried as simple counts to more detailed recording of bird species, behavior, number of individuals and elements for perpendicular distance data. Mist netting can also be done for cryptic, less vocal, and nocturnal bird species. Observing for physical disturbances that may be used as indices of presence of birds and ethnobiological survey with local residents can also be conducted to gather information not observed from transect walks and mist netting. Captured species will be measured following standard biometric measurements and photos will be taken prior to release. Likewise, a checklist of bird species recorded will be generated. Finally, data analysis would include pie chart (habitat association, species composition, and distribution and population status), species effort curve, and appropriate diversity and relative abundance parameters.

b.3. *Mammals Monitoring*—The size and habit of mammals dictate the methods and approaches that are used for assessment and monitoring. For volant mammals (bats), harp traps, tunnel traps, and mist netting are conducted. For small non-volant mammals, a combination of snap traps, cage traps, and Sherman live traps will be used for ground and aboveground trapping. For medium to large mammals, ethnobiological interviews with local residents will be conducted and observation of presence based on indices (foot prints, wallowing area, bone remains, etc.) can be done. Photos will also be taken prior to release of captured species and checklist of recorded mammals will be generated. Data analysis would include pie chart (habitat association, species composition, and distribution and population status), species accumulation curve, netting success, and trapping success.

3. Physical including Streamflow and Stream Water Quality Sampling Monitoring

Physical Monitoring including the streamflow site selection within the watershed, or possibly near the PBMA and transect line in the forest of Brgy.

Mari-Norte, San Andres; measurement of steamflow cross-section; and measurement of stream velocity.

Stream water quality sampling will include site selection, collection of water samples for laboratory analysis, and onsite measurements using water quality meter. Dissolved oxygen (DO), electrical conductivity (EC), salinity, pH, and temperature are among other properties to be measured onsite.

Analysis and Database Management

The data gathered from physical, flora and fauna monitoring shall be encoded into a database and analyzed in an integrated manner.

EXPECTED OUTPUT

- Maps showing the overlaid coordinates of the 2km transect 2ha PBMA;
- Coordinates and shapefiles of the 2km transect and 2ha PBMA including coordinates of the 200 grids, traps, mist nets, etc;
- Maps of the primary data collection including slope, climate, elevation, land use, water quality, streamflow, landslide susceptibility, topography, land cover, soil and geology, etc;
- Raw data of flora, fauna, and physical monitoring shall be organized into a database
- Results of monitoring and the analysis generated;
- Results and recommendations for management interventions; and
- A comprehensive report on the biodiversity of CALSANAG Watershed Forest Reserve as basis for continuous monitoring of the watershed

EXPERT REQUIREMENTS

The team is composed of the following:

- GIS Specialist
- Biologist
- Forester
- Technical staff who are involved in environment and natural resources management projects
- Faculty and/or researchers from higher education institutions with research interests in the protected area and or/ have academic agreements with DENR

ROLES OF PROTECTED AREA/CONCERNED DENR OFFICE

- Provide relevant materials, information and key informants for the BAMS Team to effectively carry out tasks. Assist the Team in obtaining and securing copies of plans, municipal profiles, and other reports from government agencies that may be used as reference for the plan.
- Assign 1 staff of each counterpart member to the project responsible to providing technical assistance, monitoring the schedule of the Team's deliverables, etc.
- Review and comments on the submitted reports.
- Coordinate the conduct of consultative meetings, focus group discussion, and interview with government agencies, private sector, and other stakeholders;
- Monitor and evaluate the progress of the consultant;
- Seek the approval of the project from the PAMB

PAYMENT AND DURATION

The total budget for this project is Php 200,000.00. The concerned DENR Office shall pay the services in three (3) tranches as follows:

Particulars	Tranches
Upon acceptance of contract and mobilization	15% of total budget
Upon submission of the Dry Season monitoring report	45% of total budget
Upon submission of the Wet Season monitoring report	40% of total budget

Note: Please see attached Work and Financial Schedule.

This project shall be completed within (6) months reckoned from the receipt of the Notice to Proceed.

Prepared and submitted:

RAYMUND G. INOCENCIO
PASu-CWFR

ARLYN D. BALIBAG
Chief, CDS

NOTED:

MALVIN R. ROCERO
Chief, TSD

APPROVED:

ARNOLDO A. BLAZA, JR.
OIC, PENR Officer

WORK AND FINANCIAL SCHEDULE

Expected Output		Costing	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1. Coordination with Mari-Norte LGU regarding the monitoring of BAMS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE
ODIONGAN, ROMBLON

JOB REQUEST

March 06, 2023

ARNOLDO A. BLAZA, JR.
OIC, PENR Officer
DENR-Romblon

Sir:

Approval for undertaking the job/activities indicated below is hereby requested:

JOB DESCRIPTION

AMOUNT

Installation and Fabrication of Window and Door Grills,
Replacement of Main Door and Ceiling of Ecotourism
Facility for CALSANAG Shed (Office)

150, 000.00

PURPOSE: To

I certify that the contract in undertaking the above activities are necessary and will be used solely for the purpose stated above.

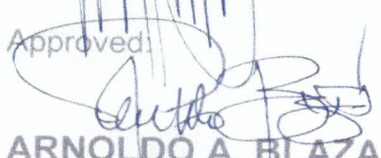
Requested by:


RAYMUND G. INOCENCIO
Planning Officer III
PASu, CALSANAG WFR

Recommending Approval:


MALVIN R. ROCERO
Chief, Technical Services Division

Approved:


ARNOLDO A. BLAZA, JR.
OIC, PENR Officer



Republic of the Philippines
Department of Environment and Natural Resources
Region IV-MIMAROPA

Installation and Fabrication of Window and Door Grills, Replacement of Main Door and Ceiling of Ecotourism Facility for CALSANAG Shed (Office)

Name of the Project

Barangay Balogo, Calatrava, Romblon

Location of the Project

Standard Form Number: SF-GOOD-01

Revised on: May 24, 2004

APPROVED BUDGET FOR THE CONTRACT

Contract Duration: 32 CALENDAR DAYS

Stations:
Length:

ITEM NO.	DESCRIPTION	QTY	UNIT	CURRENT MARKET PRICE	VAT, OTHER TAXES AND/OR DUTIES APPLICABLE	FREIGHT & INSURANCE	OTHER INDIRECT COSTS	OTHER COST FACTORS (COST OF SUPPLY, INFLATION, CURRENCY VALUATION ADJUSTMENT)		TOTAL COST	UNIT COST
								%	VALUE		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
									(5)X(9)	(10%[(5)+(10)])	(11)/(3)
1	Installation and Fabrication of Window and Door Grills, Replacement of Main Door and Ceiling of Ecotourism Facility for CALSANAG Shed (Office)	1	unit	150,000.00	n/a	n/a	n/a	n/a	n/a	150,000.00	150,000.00
TOTAL: 150,000.00											

PREPARED/SUBMITTED BY:

RAYMUND G. INOCENCIO
Planning Officer III/PASU, CWFR

CERTIFIED FUNDS AVAILABLE:

FLORENCE GRACE F. DOMINGO
Accountant III

APPROVED:

ARNOLDO A. BLANCA, JR.
OIC, PENRO

DOLEY JANE F. FALCUTILA
Credit Officer/OIC, Budget Officer



Republic of the Philippines
PROVINCE OF ROMBLON
DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES OFFICE
Odiongan, Romblon

6-Mar-23
Date

CALSANAG WFR SHED
CALATRAVA, ROMBLON

REGION MIMAROPA
District/City/Province Romblon

Implementation Procedure: By Contract

Name of Project INSTALLATION AND FABRICATION OF WINDOW AND DOOR
GRILLS, REPLACEMENT OF MAIN DOOR AND CEILING OF
ECOTOURISM FACILITY FOR CALSANAG WFR SHED (OFFICE)
Location BALOGO, CALATRAVA, ROMBLON
Appropriation 150,000
Source of Fund
Limits
Net Length
Classification
No. of cal. Days complete: 32 CD

Description/Dimension:
Bridge Clear Width:
Type of Superstructure:
Type of Superstructure:
Type of Superstructure:
No. of Span:
Date Satrted:

DESCRIPTION OF WORKS TO DONE		% OF TOTAL	DESCRIPTION	NUMBER	
				Needed	Available
I	FABRICATION AND INSTALLATION OF GRILLS	33.94%	LS		
II	DOORS AND WINDOW	32.31%			
III	CEILING WORKS	33.75%			
Total		100.00%			

SPECS.	DESCRIPTION	UNIT	QTY.	DIRECT COST	UNIT COST
I	FABRICATION AND INSTALLATION OF GRILLS	set	3	50,908	16,969
II	DOORS AND WINDOW	sq.m	6	48,467	8,078
III	CEILING WORKS	sq.m	12.25	50,625	4,133
TOTAL				150,000	29,180

BREAKDOWN OF EXPENDITURES		AMOUNT	% OF TOTAL	A. Material, Supplies ...	P	76,205.00
1. Labor Man-Days.....		33,130	22.09%	B. Equipment, Labor ...	P	40,255.00
2. Material/Supplies.....		76,205	50.80%	C. VAT (____ % of B) ...		
3. Equipment Rental.....		7,125	5%	D. Total Direct Cost ...	P	116,460.00
4. Fuel, Oil/Main.				E. OCM, PROFIT/MOD ...	P	33,540.00
5. Project Supervision				F. Maintenace		
6. OVERHEAD(10%).....				G. Project Supervision ...		
7. Retention.....				H. OVERHEAD		
8. Contengencies.....				I. Retention		
9. Fringe Benefits.....				J. Contengencies		
10. V A T		33,540	22%	K. Fringe Benefits		
11. Preliminary Eng'g.....				L. Road Right of Way ...		
12. Road Right of Way.....				M. Preliminary Eng'g ...		
TOTAL		150,000.00	100.00%	TOTAL ESTIMATED COST	P	150,000.00

PREPARED BY:

JERRY Y. GONZALES
DPWH ARCHITECT

RECOMMENDING APPROVAL:

MALVIN R. ROCERO
Chief, Technical Services Division

APPROVED:

ARNOLDO A. BLAZA, JR.
OIC, PENR Officer



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ODIONGAN ROMBLON

PROVINCE OF ROMBLON

PROGRAM OF WORKS

Project Title:	INSTALLATION AND FABRICATION OF WINDOW AND DOOR GRILLS, REPLACEMENT OF MAIN DOOR AND CEILING OF ECOTOURISM FACILITY FOR CALSANAG WFR SHED (OFFICE)						
Category:							
Brgy/Muni/Province:	BALOGO, CALATRAVA, ROMBLON						
Total Project Cost:	Php	150,000.00					
Physical Target:	1.00	lot					
Project Duration:	32	w.d.	inclusive of 6 unworkable days				
Implementn. Mode:	By Contract						
Project Description:	Equipment Needed:		Equipment Needed:			Technical Personnel:	
	Owned	Leased	Description	Owned	Leased	Description	No. Description
Item No.	Scope of		% Weight	Quantity	Unit	Unit Cost	Total
A.	FABRICATION AND INSTALLATION OF GRILLS		33.94%	3.00	sq.m	16,969	50,908
B.	DOORS AND WINDOW		32.31%	6.00	set	8,078	48,467
C.	CEILING WORKS		34%	12.25	cu.m	4,133	50,625
Total Project Cost			100.00%				150,000.00
Prepared by:		RECOMMENDING APPROVAL:			APPROVED BY:		
 JERRY V. GONZALES DPWH ARCHITECT		 MALVIN R. RODERO Chief, TSD			 ARNOLDO A. BLAZA JR. OIC, PENR Officer		

PART - A STEEL WORK

ITEM NO.:	A	UNIT:	set
DESCRIPTION:	FABRICATION AND INSTALLATION OF GRILLS	QUANTITY:	3.00

COMPUTATION OF EQUIPMENT OUTPUT PER DAY

Equipment Requirement				
Type of Equipment	No. of unit	Quantities Required (m ³)	Equipment Output (m ³ /day)	Activity Duration (days)

DESCRIPTION	QTY.	UNIT	DAYS	UNIT COST	AMOUNT
A. Labor:					
a. Foreman	1	m.d	5	700.00	3,500.00
b. Labor	2	m.d	5	330.00	3,300.00
c. Skilled	3	m.d	5	500.00	7,500.00
				labor total	14,300.00
B. Materials: (w/ hauling cost)					
a 12mm SQUARE BAR	17	pcs		450.00	7,650.00
b Welding rod	25	kg		160.00	4,000.00
c cutting disk	60	pcs		45.00	2,700.00
d flat bar (1")	6	pcs		475.00	2,850.00
e drill bit	6	pcs		150.00	900.00
				Materials Total	18,100.00
C. Equipment					
welding machine	1	day	2.5	950.00	2,375.00
generator (w/ Fuel)	1	day	2.5	1900.00	4,750.00
				Equipment Cost	7,125.00
				Total	39,525.00

D. DIRECT COST (A+B+C)			39,525.00
E. OCM	7.00%	of Direct Cost	2,766.75
F. Profit	8.00%	of Direct Cost	3,162.00
G. VAT	12.00%	(DC + OCM +CP)	5,454.45
H. INDIRECT COST (E+F+G)			11,383.20
I. TOTAL ITEM COST (D+H)			50,908.20
		Unit Cost/cu.m.	16,969.40

PART - B DOORS AND WINDOW

ITEM NO.:	B	UNIT:	sq.m
DESCRIPTION:	DOORS AND WINDOW	QUANTITY:	6.00

COMPUTATION OF EQUIPMENT OUTPUT PER DAY

Equipment Requirement				
Type of Equipment	No. of unit	Quantities Required (m ³)	Equipment Output (m ³ /day)	Activity Duration (days)

DESCRIPTION	QTY.	UNIT	DAYS	UNIT COST	AMOUNT
A. Labor:					
a. Foreman	1	m.d	2	700.00	1,400.00
b. Labor:	3	m.d	2	330.00	1,980.00
c. skilled	2	m.d	2	500.00	2,000.00
				labor total	5,380.00
B. Materials: w/ hauling cost					
a Door Panel w/ Jamb (Good Lumber)	1	pc		13,500.00	13,500.00
b Sliding Window (set)	3	set		6,250.00	18,750.00
				Materials Total	32,250.00
				Total	37,630.00

D. DIRECT COST (A+B+C) 37,630.00

E. OCM 2,634.10
7.00% of Direct Cost

F. Profit 3,010.40
8.00% of Direct Cost

G. VAT 5,192.94
12.00% (DC + OCM +CP)

H. INDIRECT COST (E+F+G) 10,837.44

I. TOTAL ITEM COST (D+H) 48,467.44

Unit Cost/cu.m. 8,077.91

PART - C CEILING WORKS

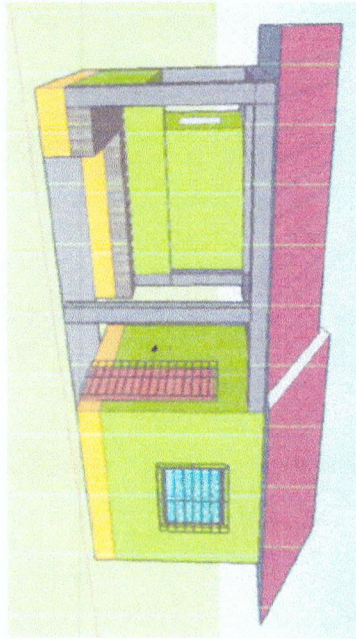
ITEM NO.:	C	UNIT:	sq.m
DESCRIPTION:	CEILING WORKS	QUANTITY:	12.25

COMPUTATION OF EQUIPMENT OUTPUT PER DAY

Equipment Requirement				
Type of Equipment	No. of unit	Quantities Required (m ³)	Equipment Output (m ³ /day)	Activity Duration (days)

DESCRIPTION	QTY.	UNIT	DAYS	UNIT COST	AMOUNT
A. Labor					
a Foreman	1	m.d	5	700.00	3,500.00
b Labor	3	m.d	5	330.00	4,950.00
c skilled	2	m.d	5	500.00	5,000.00
				labor total	13,450.00
B. Materials: w/ hauling cost					
a Hardiflex 1/4	8	pcs		750.00	6,000.00
b metal purring 2"x3"	20	pcs		218.00	4,360.00
c metal purring 2"x4"	10	pcs		315.00	3,150.00
d wall angle 1"x1"	8	roll		120.00	960.00
e Revit 2"	1	box		505.00	505.00
f concrete nail 3"	2	kg		185.00	370.00
g Concrete Putty	2	gals		680.00	1,360.00
h Flat White Paint	2	gals		850.00	1,700.00
i Gloss White Paint	2	gals		910.00	1,820.00
j 2"x2"x12' good lumber	6	pcs		505.00	3,030.00
k 8"x10'x 1/4" hardiflex	4	litters		650.00	2,600.00
				Materials Total	25,855.00

D. DIRECT COST (A+B+C)			39,305.00
E. OCM	7.00%	of Direct Cost	2,751.35
F. Profit	8.00%	of Direct Cost	3,144.40
G. VAT	12.00%	(DC + OCM +CP)	5,424.09
H. INDIRECT COST (E+F+G)			11,319.84
I. TOTAL ITEM COST (D+H)			50,624.84
		Unit Cost/cu.m.	4,132.64

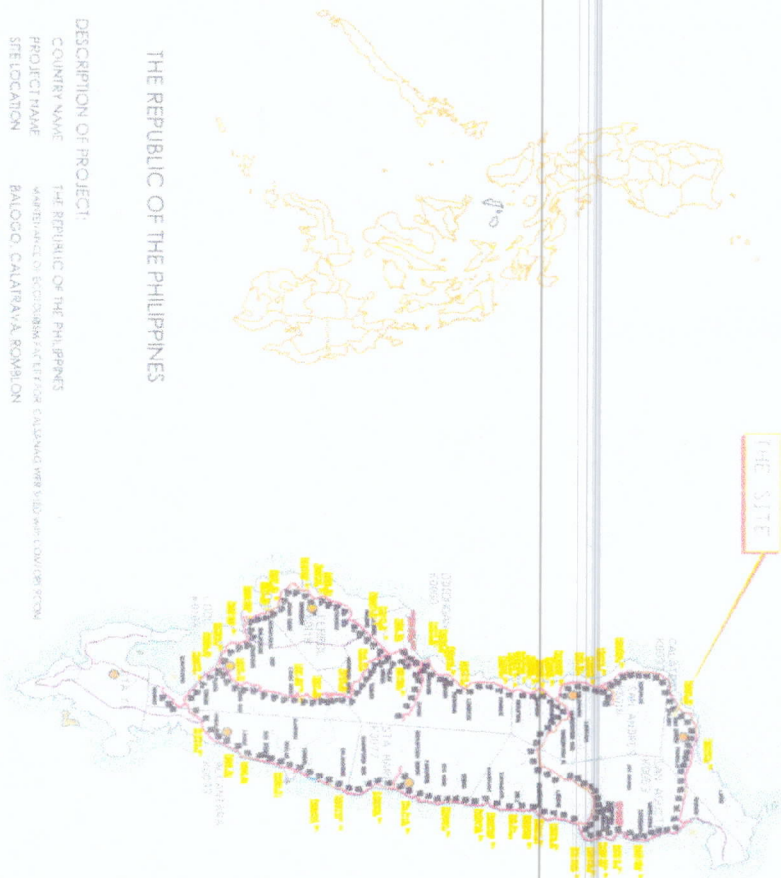


PERSPECTIVE

THE REPUBLIC OF THE PHILIPPINES

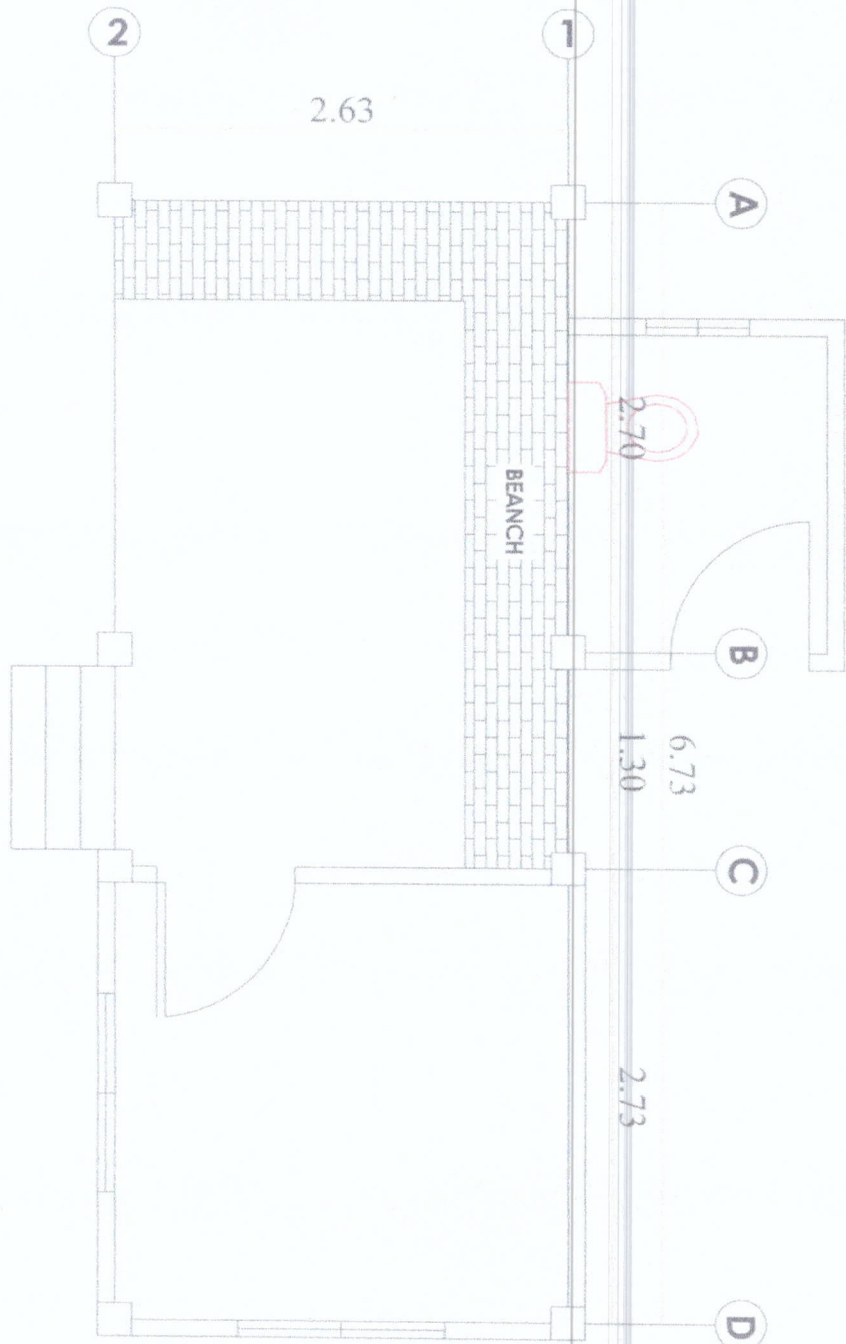
DESCRIPTION OF PROJECT:
COUNTRY NAME: THE REPUBLIC OF THE PHILIPPINES
PROJECT NAME: WARDEN-LED TO ECONOMIC RE-ENTRY FOR CALABANG WFP SHD AND LOW INCOME
SITE LOCATION: BALOG, CALATRAYA, ROMBLON
SITE AREA: SEE SITE PLAN

Location Map



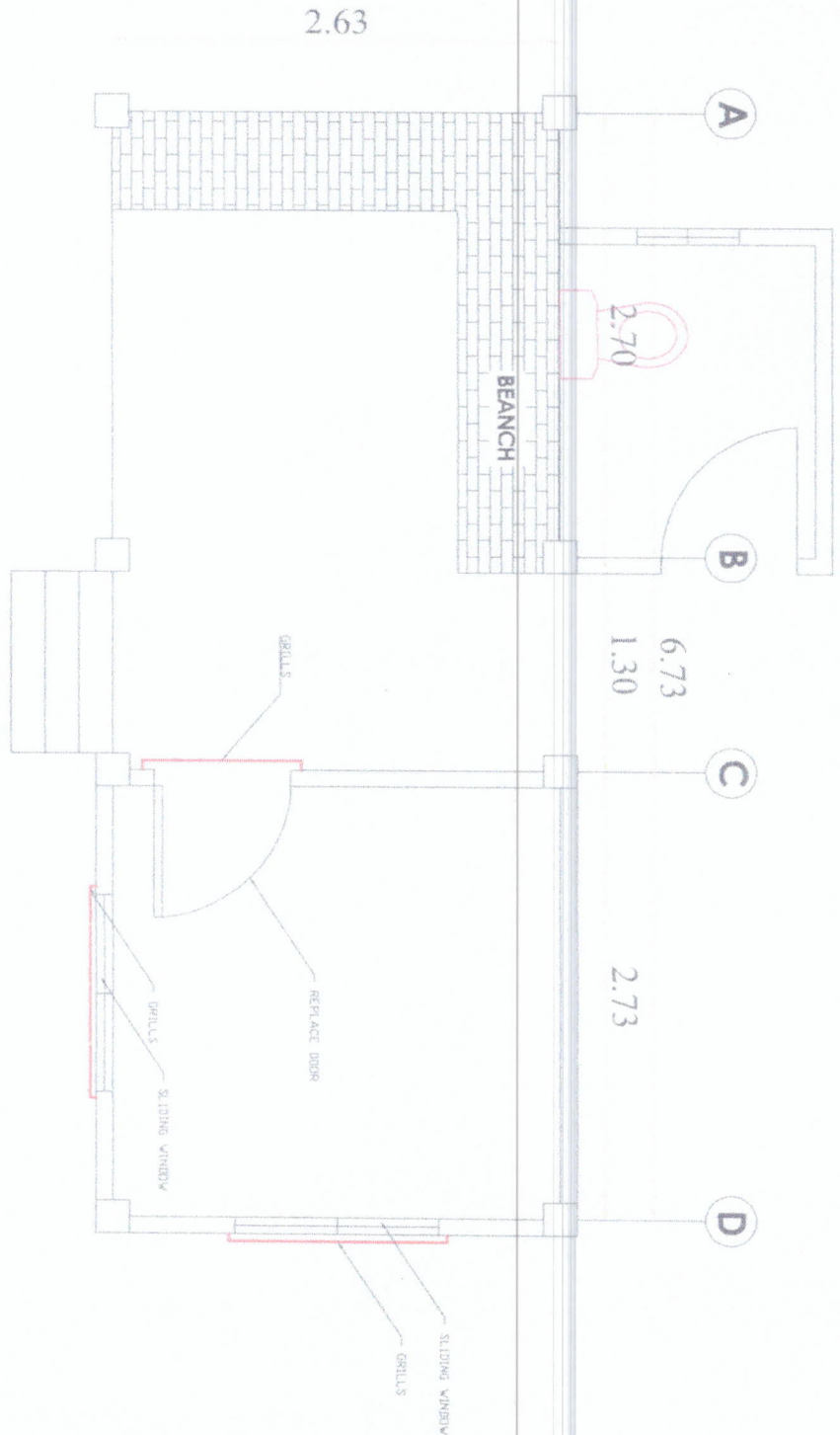
ARCHITECT / ENGINEER ARCH. JERRY GONZALES DPWH ARCHITECT	PROJECT TITLE INSTALLATION AND FABRICATING OF WINDOW AND DOOR GRILLS, REPLACEMENT OF MAIN DOOR AND CEILING OF ECONOMIC FACILITY FOR CALABANG WFP SHD (OFFICE)	AGENCY DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES ADDRESS ODIONGAN ROMBLON	PREPARED BY MALVIN R. RODRIGO LSD	APPROVED BY ARLIDO A. BLAZQUEZ NCTEER OFFICIAL	SHEET NO. 1
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ARCHITECT / ENGINEER ARCH. JERRY T. GONZALES DRAFT ARCHITECT		PROJECT TITLE INSTALLATION AND FABRICATION OF WINDOW AND DOOR GRILLS REPLACEMENT OF MAIN DOOR AND CEILING OF ECONOMISM FACILITY FOR CALABAYA WRE SHED (OFFICE)		AGENCY DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES ADDRESS: ODONGGAN ROMBLON		PREPARED BY MAVIN R. RODRIGO D.D.		APPROVED BY: ARNOLDO A. BRAGA JR. LIC. FENR OFFICER		SHEET NO. 2	
REG. NO.	DATE	CALABAYA ROMBLON									



1 FLOOR PLAN

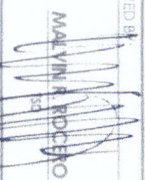
SCALE



2 DOORS/WINDOW/GRILLS

SCALE

ARCHITECT / ENGINEER ARCH. JERRY GONZALES DATE: _____	PROJECT TITLE: INSTALLATION AND FABRICATION OF WINDOW AND DOOR GRILLS REPLACEMENT OF MAIN DOOR AND CEILING OF ECONOMY FACILITY FOR CALANAG WFR SHED (OFFICE)	AGENCY: DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES ADDRESS: ODIONGAN ROMBLON	PREPARED BY: MAVIN R. ROCERO ESD	APPROVED BY: ARNOLDO A. BERA II OFFICER IN CHARGE	SHEET NO. 3
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ARCHITECT / ENGINEER  ARCH. JERRY Y. GONZALES DRPH ARCHITECT	PROJECT TITLE INSTALLATION AND FABRICATE OF WINDOW AND DOOR GRILLS REPLACEMENT OF MAIN DOOR AND CEILING OF ECONOMISM FACILITY FOR CASANAGA WFB SHED (OFFICE)	AGENCY DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES ADDRESS: ODONGGAN ROMBLON	PREPARED BY  MALVIN R. EDCERO SD	APPROVED BY:  ARNOLDO A. PLAZA JR. OIC-FEED OFFICER	SHEET NO. 4
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3 DOORS/WINDOW/GRILLS

SCALE

