



BATAAN PENINSULA STATE UNIVERSITY

TERMS OF REFERENCE AND TECHNICAL SPECIFICATIONS

PROJECT NAME:

Repair and Rehabilitation of Academic Building II at Dinalupihan Campus



F.Y. 2022

TABLE OF CONTENT

SECTION:		PAGE NO.:
SECTION 1: THE PROJECT		1
SECTION 2: TECHNICAL SPECIFICATIONS		6
	DIVISION 01- GENERAL REQUIREMENTS	6
	DIVISION 02 - SITE CONSTRUCTION	9
	DIVISION 03– MASONRY	10
	DIVISION 04– METALS	11
	DIVISION 05– THERMAL AND MOISTURE PROTECTION	11
	DIVISION 06– METAL ROOFING	12
	DIVISION 07– DOORS AND WINDOWS	12
	DIVISION 08– FINISHES	12
	DIVISION 09– FIRE FIGHTING SYSTEM	14
	DIVISION 10– ELECTRICAL SYSTEM	14
	DIVISION 11– PLUMBING	14
	DIVISION 12– CCTV	14
	DIVISION 13– CONCRETE WORKS	14
SECTION 3: PROJECT COST ESTIMATES		15
SECTION 4: CONSTRUCTION PHASE CONSIDERATIONS		17
SECTION 5: SUBMITTALS		18



TERMS OF REFERENCE & TECHNICAL SPECIFICATION

PROJECT NAME: Repair and Rehabilitation of Academic Building II at Dinalupihan Campus

LOCATION: Bataan Peninsula State University, Dinalupihan Campus

SECTION 1: THE PROJECT

3. PROJECT DESCRIPTION:

PROJECT NAME:	Repair and Rehabilitation of Academic Building II at Dinalupihan Campus
LOCATION:	Bataan Peninsula State University, Dinalupihan Campus
APPROVED BUDGET FOR CONTRACT (ABC):	Php. 30,000,000.00
TOTAL BUILDING FLOOR AREA:	2,770.00 sq.m
FLOOR AREAS:	GROUND FLOOR: 745.00 sq.m SECOND FLOOR: 675.00 sq.m THIRD FLOOR: 675.00 sq.m FOURTH FLOOR: 675.00 sq.m
PROJECT DURATION:	330 Calendar Days

GENERAL SCOPE OF WORK:

Repair and Rehabilitation of Academic Building II with the following work breakdown:

1. General Requirements

- a. Applying Building Permit and Occupancy Permit
- b. Putting up Temporary Facility
- c. Restoration of Affected utilities and hardscape:
 - i. CCTV – Remove and Reinstall
 - ii. Removal of existing shed
- d. Disposal of Construction Debris

2. Site Development

- a. Provision of concrete perimeter fence for the building
- b. Landscaping works (Hardscape and Soft scape)
- c. Additional Concreting of assembly area

3. Ground Floor

- a. Architectural works
 - i. Provision of glass door and grills to Multi-purpose Hall
 - ii. Tilling works of all areas in ground floor including CR walls
 - iii. Tilling of Stair ways and replace the existing handrail by stainless handrail
 - iv. Installation of Roll up doors on both stairways
 - v. Ceiling works of all areas in ground floor
 - vi. Replacement of existing doors and windows
 - vii. Façade improvement (see design for details)
 - viii. Classroom modification in compliance to building code
 - 1. Provision of 2 doors (swing out) each classroom
 - 2. Provision of fixed white board
 - ix. Main Stage



TERMS OF REFERENCE & TECHNICAL SPECIFICATION

1. Relocate the flag pole on side
 2. Tiling works
 - x. Comfort room improvement
 1. Provision of PWD at Ground Floor
 2. Provision of common CR
 - xi. Painting works (Exterior and Interior)
 - xii. Conversion of existing storage room into Electrical Room
 - xiii. Conversion of 4 classrooms into 2 bigger Classrooms
 - xiv. Room Marker and other signages
- b. Electrical works
- i. New Transformer
 - ii. New Panel Board and new line of electrical wires
 - iii. New Electrical fixtures
- c. Plumbing works
- i. New Septic Tank
 - ii. New water line and sewer line
 - iii. New Plumbing fixtures
 - iv. Catch basin
- d. Compliance to Fire code of the Philippines and BP 344
- i. Fire exit
 - ii. Pump room for new cistern tank
 - iii. Wet and Dry Stand Pipe System
 - iv. New Ramps
 - v. Automatic Fire Suppression System
 - vi. Fire Detection and Suppression System
- 4. Second Floor / Third Floor**
- a. Architectural works
- i. Tilling works of all areas in second floor / third floor including CR walls
 - ii. Ceiling works of all areas in second floor / third floor
 - iii. Replacement of existing doors and windows
 - iv. Façade improvement (see design for details)
 - v. Classroom modification in compliance to building code
 1. Provision of 2 doors (swing out) each classroom
 2. Provision of fixed white board
 - vi. Comfort room improvement
 - vii. Painting works (Exterior and Interior)
 - viii. Room Marker and other signages
- b. Structural Works:
- i. Provision of canopy at Second Floor and enhancement of canopy at third floor
- c. Electrical works
- i. New Panel Board and new line of electrical wires
 - ii. New Electrical fixtures
- d. Plumbing works
- i. New water line and sewer line
 - ii. New Plumbing fixtures
- e. Compliance to Fire code of the Philippines
- i. Fire exit
 - ii. Automatic Fire Suppression System
 - iii. Fire Detection and Suppression System
- f. CCTV line for Third Floor Hallway



TERMS OF REFERENCE & TECHNICAL SPECIFICATION

5. Fourth Floor

- a. Architectural works
 - i. Tilling works of all areas in fourth floor including CR walls
 - ii. Ceiling works of all areas in fourth floor
 - iii. Replacement of existing doors and windows
 - iv. Façade improvement
 - v. Classroom modification in compliance to building code
 - 1. Provision of 2 doors (swing out) each classroom
 - 2. Provision of fixed white board
 - vi. Comfort room improvement
 - vii. Conversion of existing CR into Water Tank Room
 - viii. Room Marker and other signages
- b. Structural works
 - i. Dismantling of existing roofing and trusses
 - ii. Application of carbon fiber reinforced polymer to slab of water tank storage room.
 - iii. Supply and Installation of new Roofing with trusses
 - iv. New column for Fire exit support (from ground to fourth floor)
 - v. Enhancement of canopy at fourth floor
- c. Electrical works
 - i. New Panel Board and new line of electrical wires
 - ii. New Electrical fixtures
- d. Plumbing works
 - i. New water line and sewer line
 - ii. New Plumbing fixtures
 - iii. Supply and Installation of Water tank
- e. Compliance to Fire code of the Philippines
 - i. Fire exit
 - ii. Automatic Fire Suppression System
 - iii. Fire Detection and Suppression System
- f. CCTV line for Fourth Floor Hallway

EXISTING BUILDING:





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TERMS OF REFERENCE & TECHNICAL SPECIFICATION





TERMS OF REFERENCE & TECHNICAL SPECIFICATION

PROPOSED BUILDING:



II. OBJECTIVES:

1. To provide a background information regarding the proposed project which should be handled in the shortest possible time, at an acceptable quality and performance to the contractor.
2. To outline the "Scope of work" that has to be performed under the terms of its contract.
3. To create a Safe, Functional and Energy Efficient Building considering all specification given and space requirements and ready to use building.

- END OF SECTION -

SECTION 2: TECHNICAL SPECIFICATIONS

DIVISION 01: GENERAL REQUIREMENTS

1. The work covered under this Contract consists of the furnishing all materials, labor, equipment, transportation, incidentals, facilities, and superintendence necessary to complete the project.
2. The Contractor is expected and **required** to attend the important phases of the bidding process of the said project. All concerns and questions shall be discussed on the Pre-Bid Phase.
3. The Contractor shall be responsible for carefully examining, comparing and verifying the data furnished by the Plans and specifications, the Contractor shall submit the matter to the Architect or his authorized representative for the proper explanation or necessary correction, before any adjustment shall be made. Any adjustment by the Contractor without such determination shall be at his risk and expense.