**BATAAN PENINSULA STATE UNIVERSITY**
City of Balanga 2100 Bataan
Philippines
**PHYSICAL PLANT AND ENGINEERING SERVICES**

BID BULLETIN FOR **Completion of Multi-Purpose Hall Building at Balanga Campus**

1. Term of Reference Scope of Work
    a. Include the soil analysis / investigation in the Bill of Quantity at least 2 boreholes.
    b. Consider the Tapping of Electrical from building to Main Gate

2. Term of Reference SECTION 8 : SUBMITTALS
    a. FDAS – will be signed and sealed by PECE / PEE
    b. ACUU / AFSS – will be signed and sealed by PME

Prepared by:

**Ar. Roxette S.Umerez,uap**
Architect 1
BPSU, TWG for Infrastructure

**Ar. Jo-ana Mari Z. Tanega, uap**
Architect 1
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Noted by:

**Dr. Alfredo D. Valentos, PME**
PPES Director

BATAAN PENINSULA STATE UNIVERSITY

# TERMS OF REFERENCE

## DESIGN AND BUILD

PROJECT NAME: Completion of Multi-Purpose Hall Building at Balanga Campus
LOCATION: Bataan Peninsula State University, Balanga Campus

### SECTION 1: THE PROJECT

**I. PROJECT DESCRIPTION:**

| | |
|---|---|
| PROJECT NAME: | Completion of Multi-Purpose Hall Building at Balanga Campus |
| LOCATION: | Bataan Peninsula State University, Balanga Campus |
| APPROVED BUDGET FOR CONTRACT (ABC): | Php. 40,000,000.00 |
| TOTAL FLOOR AREA: | 1,258.90 sq.m |
| FLOOR AREAS: | Ground floor Area: 476.99 sq.m<br>Second floor Area: 419.17 sq.m<br>Roof deck Area: 362.74 sq.m |
| PROJECT DURATION: | 330 Calendar Days |

SCOPE OF WORK:

1. Design and Construction of Multi-purpose Hall Building (Completion Phase):
    a. **Provide Structural Design (Conventional Construction Method) Include the soil analysis / investigation in the Bill of Quantity at least 2 boreholes.**
    b. Provide Electrical Design including the Design, Supply and Installation of Service Entrance from the Building to Transformer.
    c. Provide Plumbing Design
    d. Provide Mechanical Design including appropriate firefighting system design
    e. Construction of Two-storey with Roof Deck in Semi – Elegant Finished

### SECTION 3: TECHNICAL SPECIFICATIONS

**DIVISION 11– ELECTRICAL**

1. The bidders shall prepare a design for the electrical system of the building in accordance with the Philippine Electrical Code latest edition, Fire Code of the Philippines, National Building Code of the Philippines and Local Electrical Utility requirements.

    1.1. Power supply (Secondary Voltage) from the Calculated Transformer size (with adequate spare capacity) shall be 3Phase, 230V DELTA connection 60 Hz System, with equipment grounding

    1.2. Bidder shall include the Power, LED Interior & External Lighting system, Emergency Lighting system, Exit & Directional Sign Lighting/Power Panel board and control, wiring & cabling, Protection & Metering system.

    **1.3. Bidder shall include the Design, Supply and Installation of Service Entrance from the Building to Main Gate.**

    Note: Transformer will be provided by BPSU

## SECTION 8: SUBMITTALS

**5. Mechanical-** 4 Copies in A3 size signed and sealed for the design for the mechanical drawings that include the ACCU LAYOUT AND APPROPRIATE FIRE FIGHTING SYSTEM of the building in accordance with the Fire Code of the Philippines and the National Building Code of the Philippines which consists of the following:

1. ACCU Layout
2. Automatic Fire Sprinkler System Layout Plan
3. General Notes and Legends

**6. Fire Protection-** 4 Copies in A3 size signed and sealed by PECE / PEE consists of the following:

1. FDAS

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