West Visayas State University
(Formerly Iloilo Normal School)
CAMPUS PHYSICAL PLANNING OFFICE
Luna St., La Paz, Iloilo City 5000
Iloilo, Philippines
* Trunkline: (063) (033) 320-0870 loc 1131 * Telefax No.: (033) 320-0879
* Website: www.wvsu.edu.ph * Email Address: cppo@wvsu.edu.ph

PRELIMINARY DESIGN AND CONSTRUCTION Checklist for the DESIGN AND BUILD SCHEME for the Preparation of all Architectural and Engineering plans and construction of the project entitled: "ACADEMIC BUILDING 1 (ICT) at HIMAMAYLAN CITY CAMPUS

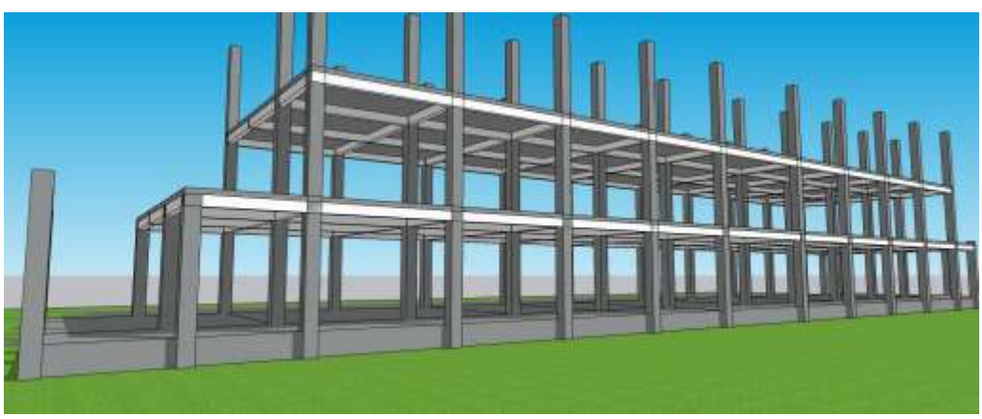
I. PROJECT DESCRIPTION

Construction of a Three-Storey Academic Building for the ICT with class rooms, lecture rooms, laboratory, audio visual room, faculty room, library, restrooms, and parking space. The proposed school building (total floor area: 1,700sq.m.). The design will ensure that the value of the existing structures and the features of the buildings at the main campus particularly the Quezon Hall will be reflected in the design of the proposed structure. The proposed structure will be facing north towards the covered gym of the campus.

The Purpose of this project is to provide academic facilities for the college that offers programs relevant to the **4th** socio-economic agenda of the Marcos Administration (Quality Education), among others.

II. CONCEPTUAL DESIGN (SEE SEPARATE PAGE, ATTACHED DOCUMENT)

CONCEPTUAL DESIGN PERSPECTIVE FOR COMPLETE 3-STOREY ACADEMIC BUILDING 1



CONCEPTUAL DESIGN PERSPECTIVE FOR THE 3-STOREY ACADEMIC BUILDING 1 (PHASE 1)

West Visayas State University

(Formerly Iloilo Normal School)

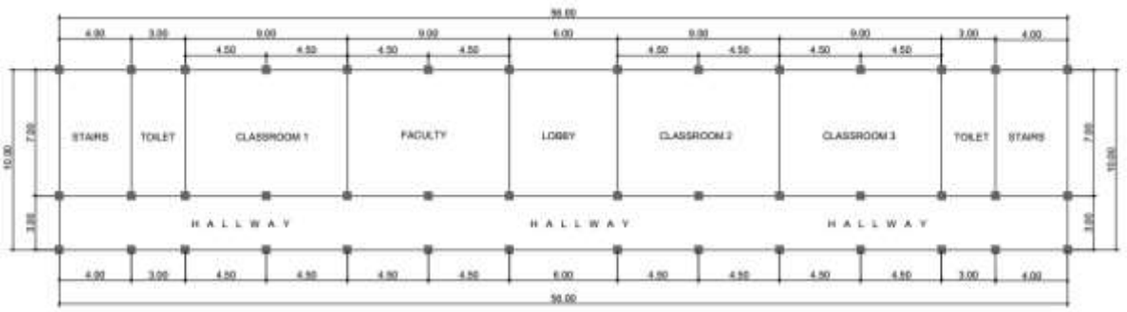
CAMPUS PHYSICAL PLANNING OFFICE

Luna St., La Paz, Iloilo City 5000

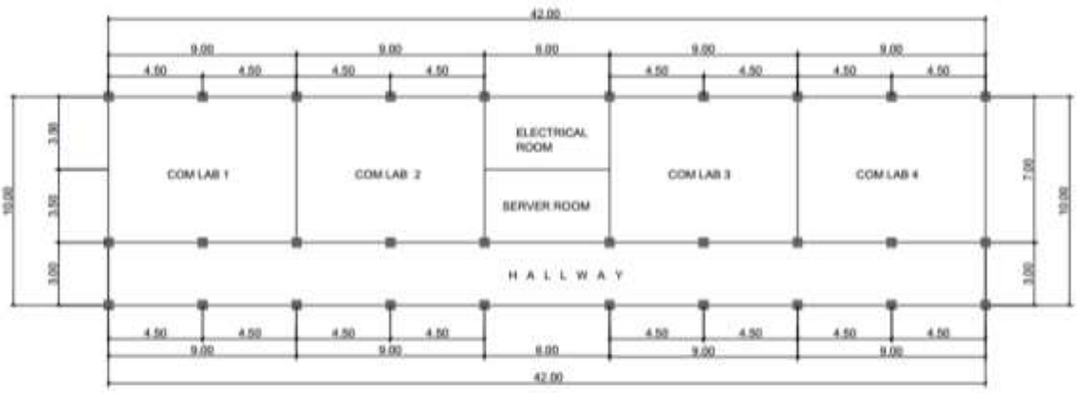
Iloilo, Philippines

* Trunkline: (063) (033) 320-0870 loc 1131 * Telefax No.: (033) 320-0879

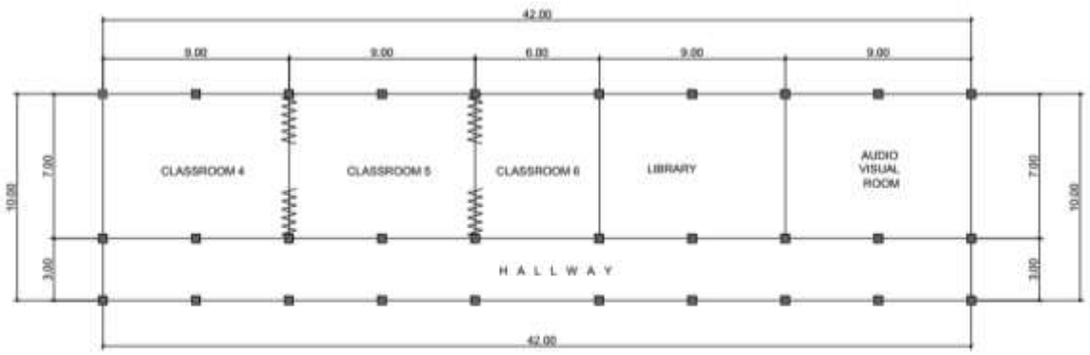
* Website: www.wvsu.edu.ph * Email Address: cppo@wvsu.edu.ph



GROUND FLOOR PRELIMINARY PLAN



SECOND FLOOR PRELIMINARY PLAN



THIRD FLOOR PRELIMINARY PLAN

GROUND FLOOR	SECOND FLOOR	THIRD FLOOR
Spaces	•LAB 1	•CLASSROOM 4
1.Ground Floor	•LAB 2	•CLASSROOM5
•Classroom 1	•LAB 3	•CLASSROOM 6
•Classroom 2	•LAB 4	•LIBRARY
•Classroom 3	•ELECTRICAL ROOM	•AUDIO VISUAL ROOM
•Faculty Office	•SERVER ROOM	•TOILET
•Toilet	•TOILET	•STAIRS
•Stairs	•STAIRS	

- **Space Utilization Plan for Phase 1.**

West Visayas State University

(Formerly Iloilo Normal School)

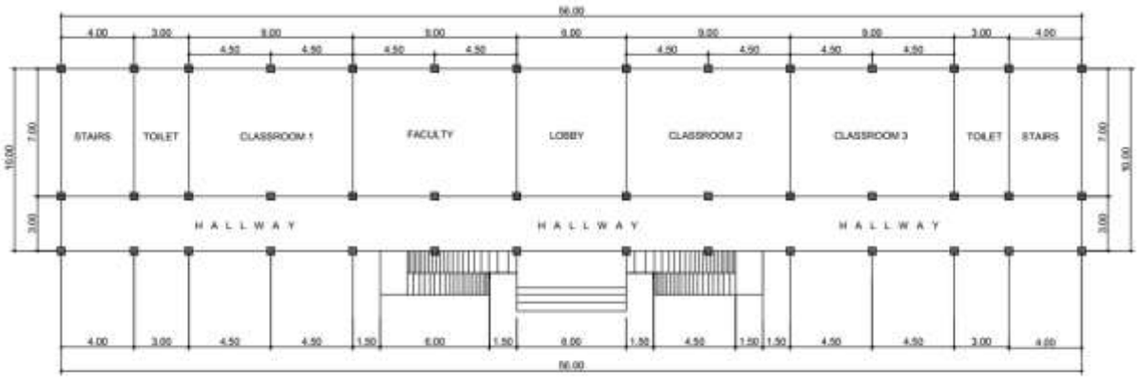
CAMPUS PHYSICAL PLANNING OFFICE

Luna St., La Paz, Iloilo City 5000

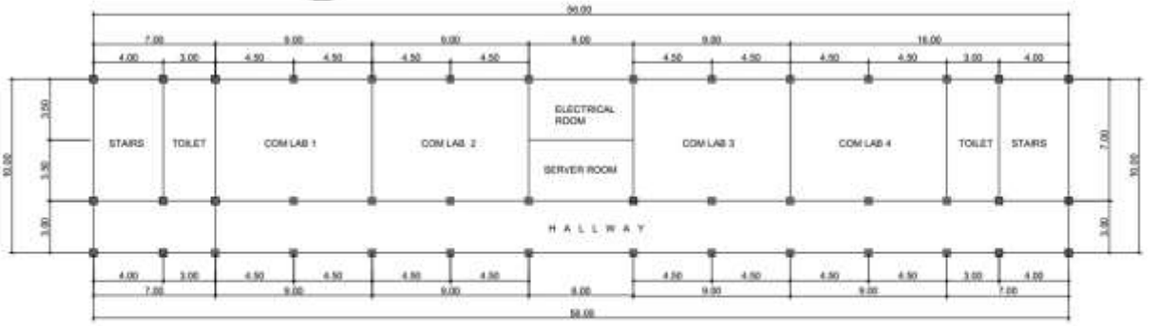
Iloilo, Philippines

* Trunkline: (063) (033) 320-0870 loc 1131 * Telefax No.: (033) 320-0879

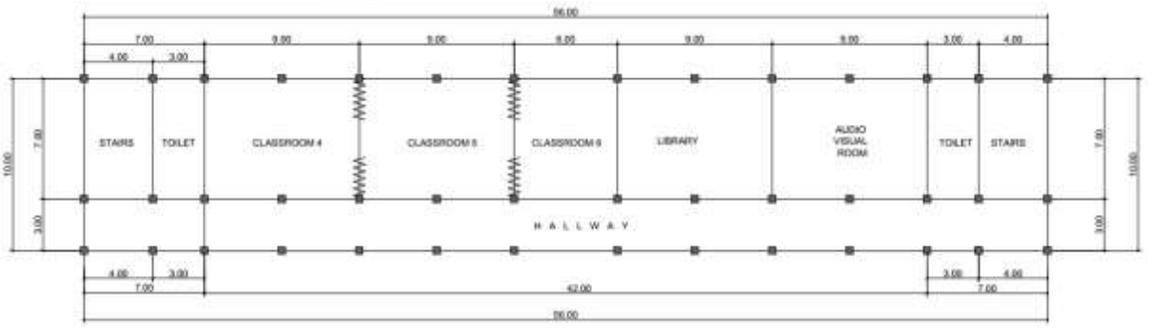
* Website: www.wvsu.edu.ph * Email Address: cppo@wvsu.edu.ph



GROUND FLOOR PRELIMINARY PLAN



SECOND FLOOR PRELIMINARY PLAN



THIRD FLOOR PRELIMINARY PLAN

GROUND FLOOR		SECOND FLOOR	THIRD FLOOR
Spaces 1.Ground Floor •Classroom 1 •Classroom 2 •Classroom 3 •Faculty Office •Toilet •Stairs •Toilet •Entrance Foyer/ ramps		•LAB 1 •LAB 2 •LAB 3 •LAB 4 •ELECTRICAL ROOM •SERVER ROOM •TOILET •STAIRS	•CLASSROOM 4 •CLASSROOM5 •CLASSROOM 6 •LIBRARY •AUDIO VISUAL ROOM •TOILET •STAIRS

- **Space Utilization Plan for Complete 3-storey Building.**

West Visayas State University
(Formerly Iloilo Normal School)
CAMPUS PHYSICAL PLANNING OFFICE
Luna St., La Paz, Iloilo City 5000
Iloilo, Philippines
* Trunkline: (063) (033) 320-0870 loc 1131 * Telefax No.: (033) 320-0879
* Website: www.wvsu.edu.ph * Email Address: cppo@wvsu.edu.ph

III. PERFORMANCE SPECIFICATIONS AND PARAMETERS

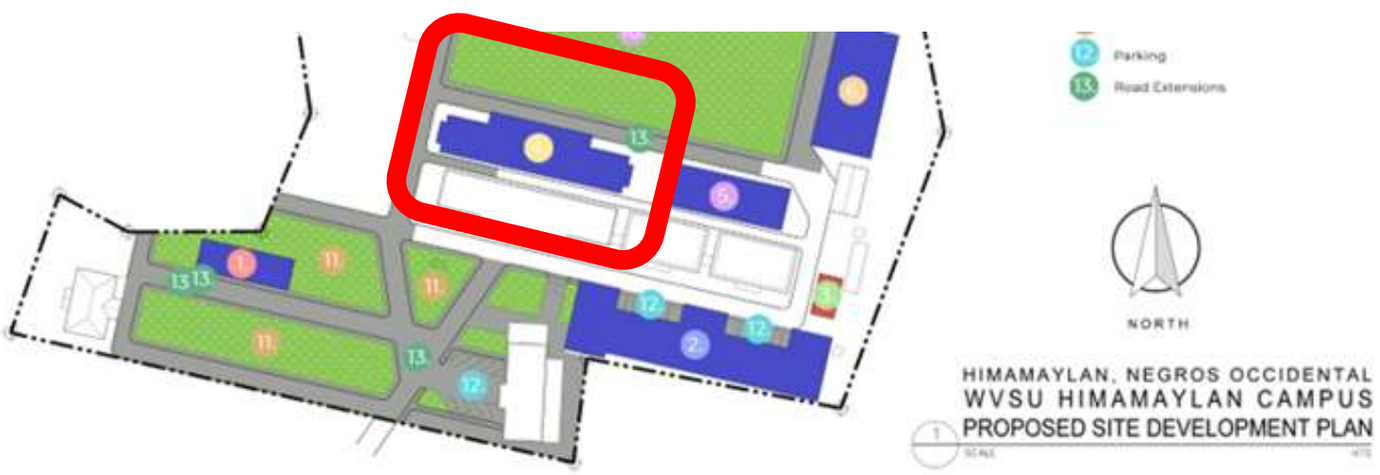
The proposed structure has a characteristic of being an academic building suited for ICT related courses as well as flexibility for general education, wherein the installed fixtures and equipment integrates technology to enable efficient and economical use of resources, while maintaining and creating a healthy, safe and comfortable environment for their occupants.

By using efficient electrical fixtures and monitoring of proper space utilization, thus saving energy resources installed in the structure and making use of ambient lighting and natural ventilation to cool the interior spaces of the building. By installing cost efficient but long-lasting lighting fixtures, this structure will be beneficial to the environment and to the WVSU community.

Aside from being a ready academic building, the structure will also be a green building wherein materials to be used are environmentally friendly as well as utilizing natural lighting and air ventilation.

The design of the rooms including the room dimensions and area, materials to be used must conform with the specifications and guidelines set upon by the procuring office. All necessary rough ins must already be included in phase 1 of construction works. Necessary dowels and connecting point s must already be established for continuity of work come the next succeeding phases. During construction, all materials, equipment, fixtures to be installed must be consulted with the implementing office for approval. The “no approved pouring permit, no pouring” will be implemented, thus proper inspection and approval must be performed before commencement of the said activities or similar works in nature.

The setback/clearance form the adjacent building must be properly established. A minimum of 5-meter clearance from the exterior walls to each building must be applied. A greater distance than the 5-meter clearance would be allowed granting that it will not affect the overall layout and proposed ground improvements to include road expansions and drainage canals. As for the septic tank locations, it must be located not to obstruct passage and affect the existing function of facilities near the site.



West Visayas State University
(Formerly Iloilo Normal School)
CAMPUS PHYSICAL PLANNING OFFICE
Luna St., La Paz, Iloilo City 5000
Iloilo, Philippines
* Trunkline: (063) (033) 320-0870 loc 1131 * Telefax No.: (033) 320-0879
* Website: www.wvsu.edu.ph * Email Address: cppo@wvsu.edu.ph

IV. PROPOSED SITE OF THE STRUCTURE DESCRIPTION:

1. Proposed location for a maximum of a 3-storey structure as shown on map.

2. Proposed building footprint at the ground floor of 56m x 10m.

3. The proposed Building will have spaces/amenities such as 6 classrooms (40 pax.), 4 laboratory rooms (40 pax.), 1 Audio Visual, 1 library (seating capacity at 40 pax), faculty room, restrooms.

4. Location of site inside the campus faces the northern part of the campus, facing the open type covered gym. The Campus is surrounded by relatively low-rise structures. The topography of the campus is generally flat.

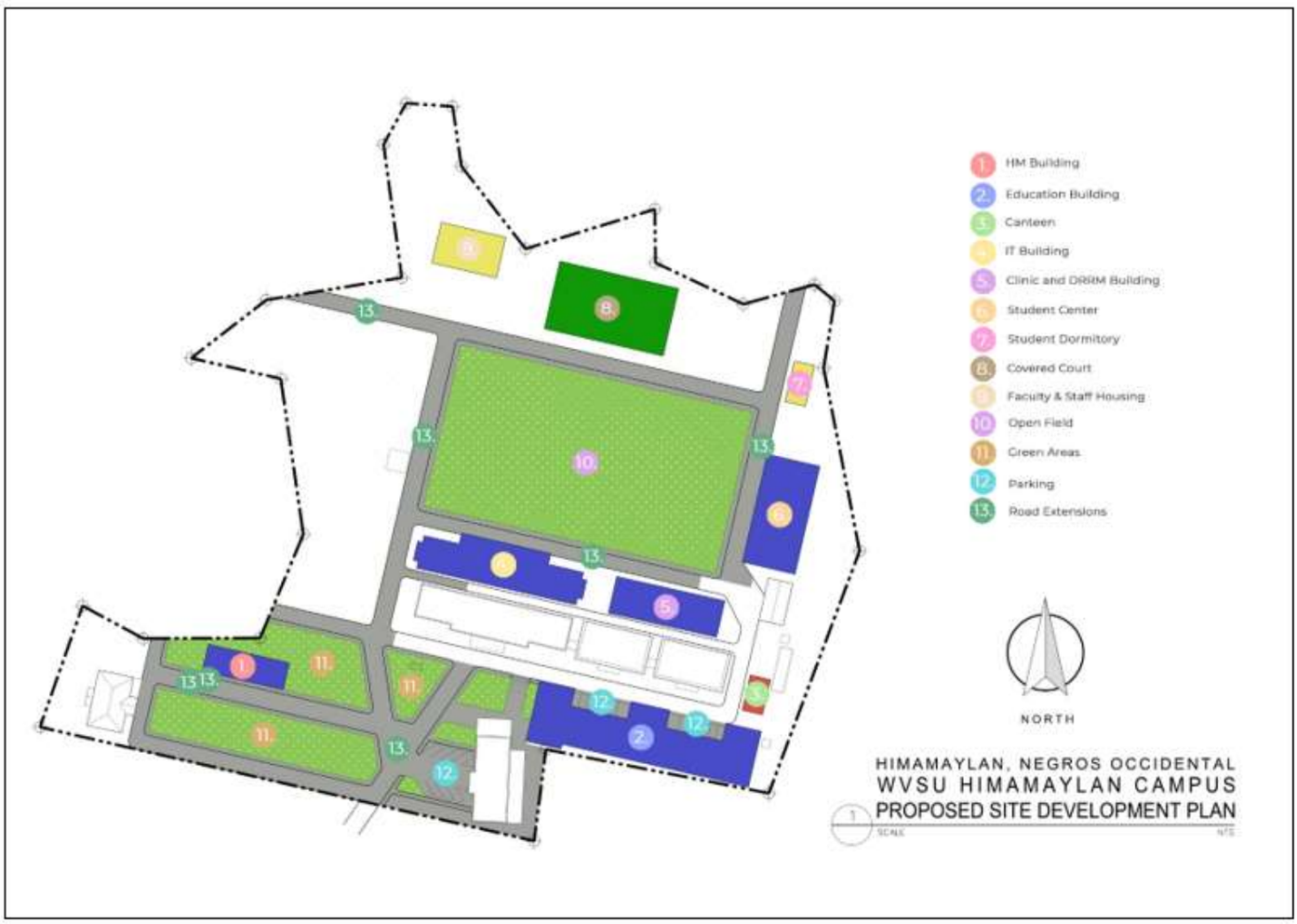


Figure 3.19. Proposed SDP, Himamaylan City Campus

V. PRELIMINARY INVESTIGATIONS

The proposed site for the project has relative flat ground. The site is surrounded by trees and an existing structure at the rear. The proposed building must have at least a 5-meter setback from the existing building. During construction, the company must protect and secure the integrity of the adjacent building. The septic tank's location should also be considered not to disturb the

layout of the adjacent structures as well as the layout of the road and future road and ground improvements near the site.

In order to design a multi-storey structure, it is recommended to have **soil boring/investigation to determine the structural foundation plan** that will be adapted in the design.

VI. UTILITY LOCATIONS

The site for the proposed project has no embedded on-ground utilities. In the event there will be findings, those are already condemnable since the site is open area. For those that needs protection, the design should integrate the adaptation of existing lines.

VII. APPROVED BUDGET FOR THE CONTRACT

The approved budget for the Design and Build Scheme will be Twenty Million pesos only **(PhP 20,000,000)** inclusive of all applicable taxes and fees.

VIII. DESIGN AND CONSTRUCTION SCHEDULE:

DESIGN SCHEDULE:

Pre-Design Stage Engineering Design to include site investigation, ocular inspections, consultative meetings with end-users (15 days), soil/boring tests.

Design Stage to include schematic plans, space utilization and office orientations, initial/final floor plans, elevations and sections, site development plan, cost analysis and computations. Design will be for the complete 3-storey building as planned. (30 days)

Review of submitted documents, revisions (if any), finalization of all documents (15 days)

Total Design preparation is 60 days. (including conduct of soil analysis and tests results)

CONSTRUCTION SCHEDULE:

Upon completion of all approved plans and estimates, the construction of the proposed project will be **210 calendar days**.

For Phase 1 of the project, the firm will prepare the phase 1 works which will be based on the overall design of the 3-storey structure, wherein the phase 1 project construction costing will be in the amount of **PhP 20,000,000** (Twenty Million Pesos Only). The winning bidder will provide detailed specifications for the said phase 1, as well as the necessary BOQ, structural analysis, design analysis, detailed architectural and engineering plans and the detailed estimates. Likewise, the firm will already establish the cutting line (scope of works for phase 1), but not limited to preparation for future tapping points, dowels and other connections required to proceed for phase 2 and succeeding phases if needed.

IX. MINIMUM REQUIREMENT FOR A CONSTRUCTION SAFETY AND HEALTH PROGRAM

For the Proposed project, all workers, technical team of the contractor, and all visitors entering the construction site should always wear the required PPE to reduce exposure to various hazards on the worksite. Common PPEs must include the following: goggles, helmets, gloves, ear muffs or plugs, boots, and high visibility vests and suits. The site must have a medical cabinet always ready with necessary medicines, and first aid kit measures. As being part of proper house-keeping, the site must always be clean. They must provide clean potable water to workers and staff.

Proper monitoring of fit workers must be implemented every day, not allowing unfit, sick workers from working until they have been cleared or fully recovered to ensure safety in the work site as well as all stakeholders of WVSU.

X. TENDER/ BIDDING DOCUMENTS, INSTRUCTION TO BIDDERS