

# PROJECT REQUIREMENTS

## FOR THE PROCUREMENT AND IMPLEMENTATION OF THE SITE DEVELOPMENT PLAN

*Of the Philippine Science High School- Central Mindanao Campus (PSHS-CMC)*

*Located at Nangka, Balo-i, Lanao de Norte*

### 1. BACKGROUND

During rainy weather, it becomes a common struggle for all students in PSHS-CMC to move to other building without getting soak by the rain unless they have umbrella with them. Without proper rainwater drainage, it can cause slippery pathway due to molds from stagnant water which is very dangerous to students who run from one building to the next to just not get caught whenever it's raining. This project aims to provide solution with all these common problems.

### 2. PROJECT DESCRIPTION AND LOCATION

The project means to provide protection or shade for the students in the walkway during rain and sun. Proposed covered walkways are interconnected between building to building for the safety of all pedestrians. The project also aims to provide proper water drainage and catch basin to avoid water accumulation on lower areas that would cause flooding. It also aims to connect Academic Building II and Academic Building III for easy access of teachers and students during laboratories and workshops.

The project has an approved budget for contract (ABC) amounting to Fourteen Million Five Hundred Fifty Thousand Pesos ( **Php 14,550,000.00** ) inclusive of taxes.

The proposed project is located in the Philippine Science High School Central Mindanao Campus, Nangka, Balo-i, Lanao de Norte.

### 3. SELECTION OF CONTRACTOR

3.1 Bidding shall be conducted by the Bids and Awards Committee (BAC) constituted to conduct the procurement of the project.

3.2 The CONTRACTOR shall be PCAB accredited.

## 4. SCOPE OF WORK

### 4.1 Pre-Construction Phase

- 4.1.1 Preparation of the PERT-CPM/ Gantt chart, equipment, materials and manpower schedule of the construction phase.
- 4.1.2 Provide all other necessary documents that shall be required by PSHS-CMC.

### 4.2 Construction Phase

- 4.2.1 Implement the following scope of works as indicated in the construction drawings and specifications:
  - a. General Items
  - b. Covered Walkway (whole campus)
  - c. Overhead Pathway - connecting ACA 2 to ACA 3
  - d. Drainage System
  - e. Catch Basin
  - f. Road and Gate at Emergency Exit
  - g. Admin to Main Gate Covered Walkway
  - h. Plumbing Works (down spouts) of Admin Building i. Plumbing Works (down spouts) of Admin Building
  - i. Roofing Works for Parking Area (3 span), 1 span = 10 meter
- 4.2.2 Rectification of punch-listing works to be inspected and issued by PSHS-CMC.
- 4.2.3 Provide all other necessary documents that shall be required by PSHS-CMC.

### 4.3 Post-Construction Phase

- 4.3.1 Preparation of as-built plans.

## 5. MINIMUM REQUIREMENTS

### 5.1 Personnel

- 5.1.1 Civil Engineer– Licensed with at least five (5) year experience in building construction works.
- 5.1.2 Safety Officer – Should be a Construction Occupational Safety and Health (COSH) or BOSH Certified.
- 5.1.3 Master Plumber – must be registered Master Plumber with at least five (5) years of experience.
- 5.1.4 Mechanical Engineer – licensed with at least five (5) years of experience in building construction works.
- 5.1.5 Welders (2 personnel) – must have at least five (5) years of experience in similar and comparable projects

## 5.2 Equipment

- 5.2.1 1 unit Concrete Mixer (1-bagger)
- 5.2.2 1 unit Plate Compactor
- 5.2.3 2 units Welding Machine
- 5.2.4 1 unit Mini-Dump Truck
- 5.2.5 1 unit Generator Set , minimum of 25 kilowatt
- 5.2.6 2 units hand drill machine
- 5.2.7 2 units grinder
- 5.2.8 1 lot metal scaffoldings

## 6. PROJECT TIME SCHEDULE

The CONTRACTOR shall complete the project within one-hundred twenty (120) calendar days from receipt of Notice to Proceed (NTP).

## 7. PSHS-CMC GENERAL RESPONSIBILITY

- 7.1 Coordinate with the CONTRACTOR and the Designer pertaining to issues during the construction.
- 7.2 Conducts regular coordination meetings between the CONTRACTOR and the Designer.

## 8. CONTRACTORS GENERAL RESPONSIBILITY

- 8.1 The CONTRACTOR shall certify that he has, at his own expense, Inspected and examined the proposed project site, its surroundings and existing infrastructure and facilities related to the execution of the work and has obtained all the of information that are considered necessary for the proper execution of the work.
- 8.2 The CONTRACTOR shall be PCAB accredited and shall have a Construction Safety and Health Program approved by DOLE and designed specifically for this project.
- 8.3 The CONTRACTOR will be held accountable for accidents that might occur during the execution of the project. The CONTRACTOR is required to install warning signs and barriers for the safety of the general public and the avoidance of any accidents and provide appropriate personal protective equipment for their construction personnel.

## 9. SUBMITTALS AND OTHERS

- 9.1 Project detailed schedule in PERT-CPM and or Gantt chart format.
- 9.2 Materials/ Manpower Schedule
- 9.3 Equipment Schedule
- 9.4 Test Results
- 9.5 3 sets As-built Plan with digital copy
- 9.6 All other necessary documents to be required by PSHS-CMC.

## 10. MANNER OF PAYMENT

10.1 PSHS-CMC shall pay the CONTRACTOR based on the following payment schedule:

Payment Schedule	Gross Amount (Php)	Cumulative gross amount of payment (Php)
<b>ADVANCE PAYMENT</b> 15% of the construction amount. The advance payment shall be in one time deduction from the First Progress Billing	2,182,500.00	2,182,500.00
<b>FIRST PROGRESS BILLING</b> 25% accomplishment One Time deduction of Advance Payment	1,455,000.00	3,637,500.00
<b>SECOND PROGRESS BILLING</b> 50% accomplishment	3,637,500.00	7,275,000.00
<b>THIRD PROGRESS BILLING</b> 75% accomplishment, third progress billing (net of recoupment of mobilization fee)	3,637,500.00	10,912,500.00
<b>FINAL BILLING</b> 100% accomplishment	3,637,500.00	14,550,000.00

10.2 Materials or equipment delivered on the site but not completely installed in place or used in the project shall not be included for payment.

10.3 All progress payment shall be subject to retention of ten percent (10%) based on the amount due.

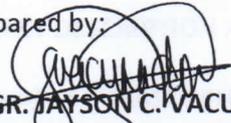
10.4 The CONTRACTOR may request in writing which must be submitted to form part of the Contract Documents, for an advanced payment equivalent to fifteen percent (15%) of the total Contract Price. The advance payment shall be made once the CONTRACTOR issues its irrevocable standby letter of credit from a reputable bank acceptable to PSHS-CMC, or GSIS Surety Bond of equivalent value, within fifteen (15) days from the signing of the Contract Agreement to cover said advanced payment.

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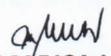
10.5 The following documents must be submitted to PSHS-CMC before processing of payments to the CONTRACTOR can be made:

- 10.5.1 Statement of Work Accomplished (SWA)
- 10.5.2 Request for Payment by the Contractor
- 10.5.3 Pictures/photographs of original site conditions (for First Billing only)
- 10.5.4 Pictures/photographs of work accomplished
- 10.5.5 Inspection Work Request and Work Permit
- 10.5.6 Contractor's Affidavit on payments of labor and materials
- 10.5.7 Photocopy of Paid Disbursement Vouchers

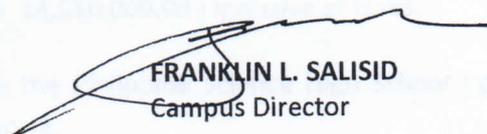
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