

**PROJECT REQUIREMENTS  
FOR THE PROJECT –  
UPGRADING OF PERIMETER FENCE AND GUARD HOUSE**

*Of the Philippine Science High School Central Mindanao Campus (PSHS-CMC)  
Located at Nangka, Balo-i, Lanao de Norte*

**1. BACKGROUND**

The School Campus is already enclosed by a concrete perimeter fence of various make and heights it was constructed in the year 2010. With the newly concreted highway, the campus fence along this road seems at level with the top of the fence, wherein people could clearly see the inside of the campus. Furthermore the Dormitory buildings could easily be seen from the outside. The main gate guard house is small and has to be up graded to house the "Bundy" clock and visitors lounging area.

**2. PROJECT DESCRIPTION AND LOCATION**

This proposed project shall include modifying the existing fence by increasing its height by a combination of concreting, installation of steel cladding, barb-wire; Modifying the main gate guard house to include visitors lounging area , guard quarters, constructing guard post at strategic locations and providing perimeter lightings.

The project approved budget for construction is Nine Million Seven Hundred Thirty Thousand (Php 9,730,000.00) 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 Biddings 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 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 Fence works; Implement all works as indicated in the construction drawings and specifications. To include but not limited to; backfilling, excavation, demolition, laying of concrete hollow, finishing, steel works and other necessary works.
- 4.2.2 Construct / upgrade the main gate guard house to include the visitors lounging area as per plans and specifications.
- 4.2.3 Construction of Guard quarters as per drawing and specification.
- 4.2.4 Construction of steel gate per drawings and specifications.
- 4.2.5 Construction of guard posts as per drawings and specifications.
- 4.2.6 Perimeter fence Electrical works.
- 4.2.7 Rectification of punch-listing works to be inspected and issued by PSHS-CMC.
- 4.2.8 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 or Architect –Licensed with at least two (2) year experience in building construction works.
- 5.1.2 Safety Officer – Should be a Construction Occupational Safety and Health (COSH) or BOSH Certified.

#### 5.2 Equipment

- 5.2.1 1- Concrete Mixer (1-bagger), 1-Concrete Vibrator, 1-Plate Compactor, 1-Welding Machine, 1-Dump truck.

### 6. PROJECT TIME SCHEDULE

The CONTRACTOR shall complete the project within one-hundred twenty (120) calendar days from signing of the Contract.

### 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 DURING THE PROJECT

- 9.1 Project detailed schedule in PERT-CPM and or Gantt chart format.
- 9.2 Test Results.
- 9.3 All other necessary documents to be required by PSHS-CMC.

## 10. MODE OF PAYMENT

- 10.1 PSHS-CMC shall pay the CONTRACTOR progress payments based on billings for actual works accomplished, as certified by PSHS-CMC and the Designer. In no case shall progress billing be made more than once every thirty (30) calendar days. Materials or equipment delivered on the site but not completely installed in place or used in the project shall not be included for payment.
- 10.2 All progress payment shall be subject to retention of ten percent (10%) based on the amount due.
- 10.3 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.
- 10.4 First Payment/Billing shall have an accomplishment of at least 20%.

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

10.5.1 Progress Billing


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.

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Prepared by:

  
**ELEAZAR A. ESLAO**  
Resident Engr.

Recommending Approval:

  
**MARISA L. DAHAN**  
FAD Chief

Approved by:

  
**LORVI B. PAGOROGON**  
Campus Director