

PROJECT REQUIREMENTS
FOR THE PROJECT - COMPLETION OF ROAD NETWORK / SITE DEVELOPMENT PHASE 4

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

1. BACKGROUND

The Road Network/Site Development project was conceptualized to define the campus road network system including the site development of the campus. With this improvement, the placement of buildings and other structures will be established.

2. PROJECT DESCRIPTION AND LOCATION

The Phase 4 includes the construction of concrete road at the south side of the campus; this road will make accessible the Chemical storage bldg., water pump house, gen set area, warehouse bldg. and Gate 2. This will include traffic, directional and building signage.

Open parking lots will also be constructed; the campus landmark will be developed. A concrete wall will be constructed parallel to the barangay road to widen the football area.

Landscaping will be improved by planting shrubs, etc. at the entrance gate and other areas within the campus.

The project approved budget for construction is Six Million Six Hundred Ninety Six Thousand One Hundred Seventy One & 89/100 (Php 6,696,171.89) 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

1 | Project Requirements



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 The contractor shall furnish all the construction materials needed for the execution of the work to include manpower, equipment, tools and other incidentals necessary to complete the works in accordance with the construction drawings, technical specifications as enumerated in the following;
- 4.2.2 Construction of a fifty (50) meter R.C. wall to act as embankment protection.
- 4.2.3 Construction of PSHS-CMC Landmark at the Campus rotunda.
- 4.2.4 Construction of vehicle parking area at various locations within the campus.
- 4.2.5 Construction of additional road network, including cross drains and traffic / directional and building signage.
- 4.2.6 Construction of masonry embankment protection between Academic buildings 2 and 3.
- 4.2.7 Landscaping, planting of shrubs, plants, etc.
- 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 where necessary.

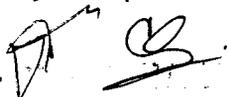
5. MINIMUM REQUIREMENTS

5.1 Personnel

- 5.1.1 Civil Engineer- Licensed with at least three (3) years experience in road construction.
- 5.1.2 Materials Engineer - DPWH Accredited

5.2 Minimum Equipment (Owned / Lease)

- 5.2.1 Road Grader (1-unit) ✓
- 5.2.2 Road roller (1-unit) ✓
- 5.2.3 Dump Truck (2-units) ✓
- 5.2.4 Water Truck (1-unit) ✓
- 5.2.5 Concrete Mixer one-bagger (2-units) ✓
- 5.2.6 Concrete Vibrator (1-unit) ✓



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 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:

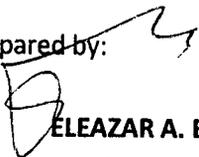
10.5.1 Progress Billing

10.5.2 Request for Payment by the Contractor.

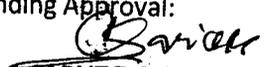
10.5.3 Pictures/photographs of original site conditions (for First Billing only)

10.5.4 Pictures/photographs of work accomplished

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